



“Finanziato dall'Unione Europea – NextGenerationEU”



COMUNE DI RONCO SCRIVIA (GE)



SCUOLA ELEMENTARE “E. DE AMICIS”

VIA CESARE BATTISTI 63

| | | | | | | |
|---|---|----------|-----------|---|--------------|---|
| REV. A | ALLEGATO 2 – LISTATO SOFTWARE JASP – VERIFICHE POST OPERAM | | | | | RIFERIMENTO COMMESSA: 2101_RNC CODICE ELABORATO: 2101_RNC_PD_REL_005 |
| Rev. | DESCRIZIONE | DATA | REDAZIONE | VERIFICA | APPROVAZIONE | SCALA: |
| A | PROGETTO DEFINITIVO / ESECUTIVO | 21/01/22 | MP | MP | MP | FORMATO: A4 |
| | | | | | | SUPPORTO:.....MS WORLD |
| TECNICO INCARICATO | | | | COMMITTENTE | | |
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Affidabilità del software

Il sito internet di distribuzione del software www.ingegnerianet.it contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, per i quali sono forniti i file di input necessari a riprodurre l'elaborazione.

Tabulati di stampa

Dati Generali

Dati generali Struttura

| | |
|--------------------|---------------|
| Comune | Ronco Scrivia |
| Provincia | Genova (GE) |
| Latitudine [°] | 44.613 |
| Longitudine [°] | 8.9491 |
| Altitudine [m] | 334 |
| Tipo di opera | 2: Ordinaria |
| Vita nominale anni | 100 |

Vento

| | |
|------------------------------------|------------------------------|
| Zona vento | 7 |
| Distanza dalla costa [Km] | 22.28 |
| Periodo di ritorno [anni] | 100 |
| Pressione di riferimento [N/m²] | 509.23 |
| Classe rugosità | B: Area urbana e industriale |
| Categoria esposizione | IV |
| Coefficiente topografico | 1 |
| Coefficiente dinamico | 1 |
| Quota relativa allo zero vento [m] | 0 |

Neve

| | |
|---------------------------|---------|
| Zona neve | II |
| Periodo di ritorno [anni] | 100 |
| Neve al suolo qsk [N/m²] | 1408.9 |
| Topografia | Normale |
| Coefficiente topografia | 1 |
| Coefficiente termico | 1 |

Sisma

| | |
|-----------------------|---------------------------------|
| Zona sisma | 3: bassa |
| Codice zona regionale | 3B |
| Classe Uso | III: Affollamento significativo |

Coefficiente d'uso Cu 1.5
 Periodo di riferimento [anni] 150
 Quota relativa allo zero sismico [m] 0
 Risposta locale Sisma
 Categoria Sottosuolo B: 360m/s < Vs,30 800m/s
 Categoria Topografica T1: Pianeggiante ($i < 15^\circ$)
 Fattore di struttura
 Fattore di struttura meccanismi duttili 1
 Fattore di struttura meccanismi fragili 1
 Fattore di struttura qz 1
 Smorzamento viscoso ξ [%] 5

Sisma: Parametri ag, Fo, Tc*

| Stato Limite | Pvr [%] | Tr | ag/g | Fo | Tc* [s] |
|--------------|---------|--------|----------|--------|---------|
| SLO | 81 | 90.322 | 0.044267 | 2.4864 | 0.24462 |
| SLD | 63 | 150.87 | 0.05611 | 2.4801 | 0.26204 |
| SLV | 10 | 1423.7 | 0.13989 | 2.4565 | 0.28315 |
| SLC | 5 | 2475 | 0.1699 | 2.46 | 0.28782 |

Sisma orizzontale sito

| S.L. | Prv [%] | Tr [anni] | S | ST | Ss | Cc | Tc [s] | ag [m/s ²] | PGA [m/s ²] | Se(Tc) [m/s ²] | Se(Tc) [g] |
|------|---------|-----------|-----|----|-----|--------|---------|------------------------|-------------------------|----------------------------|------------|
| SLO | 81 | 90.322 | 1.2 | 1 | 1.2 | 1.4578 | 0.3566 | 0.43411 | 0.52093 | 0.13208 | 1.2953 |
| SLD | 63 | 150.87 | 1.2 | 1 | 1.2 | 1.4379 | 0.37677 | 0.55025 | 0.6603 | 0.16699 | 1.6376 |
| SLV | 10 | 1423.7 | 1.2 | 1 | 1.2 | 1.4158 | 0.40088 | 1.3719 | 1.6463 | 0.41238 | 4.044 |
| SLC | 5 | 2475 | 1.2 | 1 | 1.2 | 1.4111 | 0.40616 | 1.6661 | 1.9993 | 0.50153 | 4.9184 |

Spettri elastici [g]

| T [s] | direzione X [g] | | | | direzione Y [g] | | | | direzione Z [g] | | | |
|-------|-----------------|--------|--------|--------|-----------------|--------|--------|--------|-----------------|--------|--------|--------|
| | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC |
| 0.00 | 0.0531 | 0.0673 | 0.1679 | 0.2039 | 0.0531 | 0.0673 | 0.1679 | 0.2039 | 0.0126 | 0.0179 | 0.0706 | 0.0945 |
| 0.05 | 0.0863 | 0.1070 | 0.2594 | 0.3138 | 0.0863 | 0.1070 | 0.2594 | 0.3138 | 0.0313 | 0.0445 | 0.1735 | 0.2326 |
| 0.10 | 0.1195 | 0.1467 | 0.3509 | 0.4237 | 0.1195 | 0.1467 | 0.3509 | 0.4237 | 0.0313 | 0.0445 | 0.1735 | 0.2326 |
| 0.15 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.0313 | 0.0445 | 0.1735 | 0.2326 |
| 0.20 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.0234 | 0.0334 | 0.1301 | 0.1744 |
| 0.25 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.0188 | 0.0267 | 0.1041 | 0.1395 |
| 0.30 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.0156 | 0.0222 | 0.0868 | 0.1163 |
| 0.35 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.1321 | 0.1670 | 0.4124 | 0.5015 | 0.0134 | 0.0191 | 0.0744 | 0.0997 |
| 0.40 | 0.1178 | 0.1573 | 0.4124 | 0.5015 | 0.1178 | 0.1573 | 0.4124 | 0.5015 | 0.0117 | 0.0167 | 0.0651 | 0.0872 |
| 0.45 | 0.1047 | 0.1398 | 0.3674 | 0.4527 | 0.1047 | 0.1398 | 0.3674 | 0.4527 | 0.0104 | 0.0148 | 0.0578 | 0.0775 |
| 0.50 | 0.0942 | 0.1258 | 0.3306 | 0.4074 | 0.0942 | 0.1258 | 0.3306 | 0.4074 | 0.0094 | 0.0133 | 0.0521 | 0.0698 |
| 0.60 | 0.0785 | 0.1049 | 0.2755 | 0.3395 | 0.0785 | 0.1049 | 0.2755 | 0.3395 | 0.0078 | 0.0111 | 0.0434 | 0.0581 |
| 0.70 | 0.0673 | 0.0899 | 0.2362 | 0.2910 | 0.0673 | 0.0899 | 0.2362 | 0.2910 | 0.0067 | 0.0095 | 0.0372 | 0.0498 |
| 0.80 | 0.0589 | 0.0786 | 0.2066 | 0.2546 | 0.0589 | 0.0786 | 0.2066 | 0.2546 | 0.0059 | 0.0083 | 0.0325 | 0.0436 |
| 0.90 | 0.0523 | 0.0699 | 0.1837 | 0.2263 | 0.0523 | 0.0699 | 0.1837 | 0.2263 | 0.0052 | 0.0074 | 0.0289 | 0.0388 |
| 1.00 | 0.0471 | 0.0629 | 0.1653 | 0.2037 | 0.0471 | 0.0629 | 0.1653 | 0.2037 | 0.0047 | 0.0067 | 0.0260 | 0.0349 |
| 1.50 | 0.0314 | 0.0419 | 0.1102 | 0.1358 | 0.0314 | 0.0419 | 0.1102 | 0.1358 | 0.0021 | 0.0030 | 0.0116 | 0.0155 |
| 2.00 | 0.0209 | 0.0287 | 0.0827 | 0.1019 | 0.0209 | 0.0287 | 0.0827 | 0.1019 | 0.0012 | 0.0017 | 0.0065 | 0.0087 |
| 2.50 | 0.0134 | 0.0184 | 0.0571 | 0.0743 | 0.0134 | 0.0184 | 0.0571 | 0.0743 | 0.0008 | 0.0011 | 0.0042 | 0.0056 |
| 3.00 | 0.0093 | 0.0128 | 0.0397 | 0.0516 | 0.0093 | 0.0128 | 0.0397 | 0.0516 | 0.0005 | 0.0007 | 0.0029 | 0.0039 |
| 3.50 | 0.0068 | 0.0094 | 0.0291 | 0.0379 | 0.0068 | 0.0094 | 0.0291 | 0.0379 | 0.0004 | 0.0005 | 0.0021 | 0.0028 |
| 4.00 | 0.0052 | 0.0072 | 0.0223 | 0.0290 | 0.0052 | 0.0072 | 0.0223 | 0.0290 | 0.0003 | 0.0004 | 0.0016 | 0.0022 |

Spettri di progetto [g]

| T [s] | direzione X [g] | | | | direzione Y [g] | | | | direzione Z [g] | | | |
|-------|-----------------|--------|--------|--------|-----------------|--------|--------|--------|-----------------|--------|--------|--------|
| | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC |
| 0.00 | 0.0531 | 0.0673 | 0.1679 | 0.2039 | 0.0531 | 0.0673 | 0.1679 | 0.2039 | 0.0126 | 0.0179 | 0.0706 | 0.0945 |
| 0.05 | 0.0863 | 0.0848 | 0.2594 | 0.3138 | 0.0863 | 0.0848 | 0.2594 | 0.3138 | 0.0313 | 0.0297 | 0.1735 | 0.2326 |
| 0.10 | 0.1195 | 0.1024 | 0.3509 | 0.4237 | 0.1195 | 0.1024 | 0.3509 | 0.4237 | 0.0313 | 0.0297 | 0.1735 | 0.2326 |
| 0.15 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.0313 | 0.0297 | 0.1735 | 0.2326 |
| 0.20 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.0234 | 0.0222 | 0.1301 | 0.1744 |
| 0.25 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.0188 | 0.0178 | 0.1041 | 0.1395 |
| 0.30 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.0156 | 0.0148 | 0.0868 | 0.1163 |
| 0.35 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.1321 | 0.1113 | 0.4124 | 0.5015 | 0.0134 | 0.0127 | 0.0744 | 0.0997 |
| 0.40 | 0.1178 | 0.1049 | 0.4124 | 0.5015 | 0.1178 | 0.1049 | 0.4124 | 0.5015 | 0.0117 | 0.0111 | 0.0651 | 0.0872 |
| 0.45 | 0.1047 | 0.0932 | 0.3674 | 0.4527 | 0.1047 | 0.0932 | 0.3674 | 0.4527 | 0.0104 | 0.0099 | 0.0578 | 0.0775 |
| 0.50 | 0.0942 | 0.0839 | 0.3306 | 0.4074 | 0.0942 | 0.0839 | 0.3306 | 0.4074 | 0.0094 | 0.0089 | 0.0521 | 0.0698 |
| 0.60 | 0.0785 | 0.0699 | 0.2755 | 0.3395 | 0.0785 | 0.0699 | 0.2755 | 0.3395 | 0.0078 | 0.0074 | 0.0434 | 0.0581 |
| 0.70 | 0.0673 | 0.0599 | 0.2362 | 0.2910 | 0.0673 | 0.0599 | 0.2362 | 0.2910 | 0.0067 | 0.0064 | 0.0372 | 0.0498 |

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.80 | 0.0589 | 0.0524 | 0.2066 | 0.2546 | 0.0589 | 0.0524 | 0.2066 | 0.2546 | 0.0059 | 0.0056 | 0.0325 | 0.0436 |
| 0.90 | 0.0523 | 0.0466 | 0.1837 | 0.2263 | 0.0523 | 0.0466 | 0.1837 | 0.2263 | 0.0052 | 0.0049 | 0.0289 | 0.0388 |
| 1.00 | 0.0471 | 0.0419 | 0.1653 | 0.2037 | 0.0471 | 0.0419 | 0.1653 | 0.2037 | 0.0047 | 0.0044 | 0.0280 | 0.0349 |
| 1.50 | 0.0314 | 0.0280 | 0.1102 | 0.1358 | 0.0314 | 0.0280 | 0.1102 | 0.1358 | 0.0021 | 0.0020 | 0.0280 | 0.0340 |
| 2.00 | 0.0209 | 0.0191 | 0.0827 | 0.1019 | 0.0209 | 0.0191 | 0.0827 | 0.1019 | 0.0012 | 0.0011 | 0.0280 | 0.0340 |
| 2.50 | 0.0134 | 0.0122 | 0.0571 | 0.0743 | 0.0134 | 0.0122 | 0.0571 | 0.0743 | 0.0008 | 0.0007 | 0.0280 | 0.0340 |
| 3.00 | 0.0093 | 0.0085 | 0.0397 | 0.0516 | 0.0093 | 0.0085 | 0.0397 | 0.0516 | 0.0005 | 0.0005 | 0.0280 | 0.0340 |
| 3.50 | 0.0068 | 0.0062 | 0.0291 | 0.0379 | 0.0068 | 0.0062 | 0.0291 | 0.0379 | 0.0004 | 0.0004 | 0.0280 | 0.0340 |
| 4.00 | 0.0052 | 0.0048 | 0.0280 | 0.0340 | 0.0052 | 0.0048 | 0.0280 | 0.0340 | 0.0003 | 0.0003 | 0.0280 | 0.0340 |

Carico Termico

Δ temp. travi elevaz. e pilastri 15 °C
 Δ temp. travi fondazione 0 °C

Opzioni di calcolo

g per il calcolo della forza peso 9.8066 m/s²
 Deformabilità a taglio per travi e pilastri Sì

Archivi**Calcestruzzo**

| N | Descrizione | fck [N/mm²] | Rck [N/mm²] | Esist. | fc _m [N/mm²] | Rig.Tors. [%] |
|---|-------------|----------------|----------------|--------|----------------------------|------------------|
| 1 | C25/30 | 25 | 30 | No | 33 | 5 |
| 2 | C28/35 | 28 | 35 | No | 36 | 5 |
| 7 | C10/15 | 10 | 12.05 | Sì | 18 | 5 |

Acciaio

| N | Descrizione | f _{yk} ≤40mm [N/mm²] | f _{ym} [N/mm²] | f _{tk} ≤40mm [N/mm²] | f _{yk} 40mm [N/mm²] | f _{tk} 40mm [N/mm²] | Es [GPa] | Laminazione | Prezzo [€/kg] |
|---|-------------|----------------------------------|----------------------------|----------------------------------|---------------------------------|---------------------------------|-------------|-------------|------------------|
| 5 | B450C | 450 | 450 | 540 | 450 | 540 | 200 | a Caldo | 1.2 |
| 8 | FEB32K | 315 | 315 | 490 | 315 | 490 | 200 | a Caldo | 1.2 |

Materiale generico

| N | Descrizione | Tipo | E [N/mm²] | C.Pois | G [N/mm²] | Densità [kg/m³] | C. Dil. Term. [10 ⁻⁶ /°C] | Rigid. Tors [%] | Prezzo [€/m³] | Colore |
|---|-------------|------|-----------|--------|-----------|--------------------|---|--------------------|------------------|---------------|
| 1 | C25/30 | cls | 31476 | 0.2 | 13115 | 2500 | 12 | 5 | 100.00 | |
| 2 | C28/35 | cls | 32308 | 0.2 | 13462 | 2500 | 12 | 5 | 105.00 | |
| 5 | B450C | Fe | 200000 | 0.3 | 76923 | 7850 | 12 | 100 | 9420.00 | |
| 7 | C10/15 | cls | 26242 | 0.2 | 10934 | 2500 | 12 | 5 | 120.00 | [102;102;102] |
| 8 | FEB32K | Fe | 200000 | 0.3 | 76923 | 7850 | 12 | 100 | 9420.00 | |

Sezioni rettangolari

| N | Descrizione | Base [m] | Altezza [m] |
|----|--------------|----------|-------------|
| 1 | PIL-1 37x37 | 0.37 | 0.37 |
| 2 | PIL-2 30x37 | 0.3 | 0.37 |
| 3 | PIL-3 37x37 | 0.37 | 0.37 |
| 6 | PIL-4 37x37 | 0.37 | 0.37 |
| 7 | PIL-5 37x45 | 0.37 | 0.45 |
| 8 | PIL-6 37x33 | 0.37 | 0.33 |
| 9 | PIL-7 25x50 | 0.25 | 0.5 |
| 10 | PIL-8 30x50 | 0.3 | 0.5 |
| 11 | PIL-9 37x48 | 0.37 | 0.48 |
| 12 | PIL-10 37x25 | 0.37 | 0.25 |
| 13 | TR-1 12x77 | 0.12 | 0.77 |
| 14 | TR-2 15x85 | 0.15 | 0.85 |
| 15 | TR-3 12x85 | 0.12 | 0.85 |
| 16 | TR-4 12x45 | 0.12 | 0.45 |
| 17 | TR-5 12x40 | 0.12 | 0.4 |
| 18 | TR-6 12x50 | 0.12 | 0.5 |
| 19 | TR-7 12x95 | 0.12 | 0.95 |
| 20 | TR-8 12x30 | 0.12 | 0.3 |
| 21 | TR-9 12x100 | 0.12 | 1 |
| 22 | TR-10 16x50 | 0.16 | 0.5 |
| 23 | TR-11 37x12 | 0.37 | 0.12 |
| 24 | SC 132x16 | 1.32 | 0.16 |
| 25 | PIL-11 50x37 | 0.5 | 0.37 |
| 26 | PIL-12 40x53 | 0.4 | 0.53 |
| 28 | R 30x30 | 0.3 | 0.3 |
| 29 | NEW 20x77 | 0.25 | 0.77 |

Sezioni Geometriche generiche

| N | Descrizione | Tipo | Ix [cm ⁴] | Iy [cm ⁴] | It [cm ⁴] | area [cm ²] | Xx | XY |
|----|--------------|------|-----------------------|-----------------------|-----------------------|-------------------------|-----|-----|
| 1 | PIL-1 37x37 | ■ | 156180 | 156180 | 263966 | 1369 | 1.2 | 1.2 |
| 2 | PIL-2 30x37 | ■ | 126632 | 83250 | 166684 | 1110 | 1.2 | 1.2 |
| 3 | PIL-3 37x37 | ■ | 156180 | 156180 | 263966 | 1369 | 1.2 | 1.2 |
| 6 | PIL-4 37x37 | ■ | 156180 | 156180 | 263966 | 1369 | 1.2 | 1.2 |
| 7 | PIL-5 37x45 | ■ | 280969 | 189949 | 376335 | 1665 | 1.2 | 1.2 |
| 8 | PIL-6 37x33 | ■ | 110806 | 139296 | 206040 | 1221 | 1.2 | 1.2 |
| 9 | PIL-7 25x50 | ■ | 260417 | 65104 | 175579 | 1250 | 1.2 | 1.2 |
| 10 | PIL-8 30x50 | ■ | 312500 | 112500 | 275201 | 1500 | 1.2 | 1.2 |
| 11 | PIL-9 37x48 | ■ | 340992 | 202612 | 421030 | 1776 | 1.2 | 1.2 |
| 12 | PIL-10 37x25 | ■ | 48177 | 105527 | 109553 | 925 | 1.2 | 1.2 |
| 13 | TR-1 12x77 | ■ | 456533 | 11088 | 40912 | 924 | 1.2 | 1.2 |
| 14 | TR-2 15x85 | ■ | 767656 | 23906 | 86828 | 1275 | 1.2 | 1.2 |
| 15 | TR-3 12x85 | ■ | 614125 | 12240 | 45651 | 1020 | 1.2 | 1.2 |
| 16 | TR-4 12x45 | ■ | 91125 | 6480 | 21815 | 540 | 1.2 | 1.2 |
| 17 | TR-5 12x40 | ■ | 64000 | 5760 | 18815 | 480 | 1.2 | 1.2 |
| 18 | TR-6 12x50 | ■ | 125000 | 7200 | 24813 | 600 | 1.2 | 1.2 |
| 19 | TR-7 12x95 | ■ | 857375 | 13680 | 51557 | 1140 | 1.2 | 1.2 |
| 20 | TR-8 12x30 | ■ | 27000 | 4320 | 12840 | 360 | 1.2 | 1.2 |
| 21 | TR-9 12x100 | ■ | 1000000 | 14400 | 54504 | 1200 | 1.2 | 1.2 |
| 22 | TR-10 16x50 | ■ | 166667 | 17067 | 54727 | 800 | 1.2 | 1.2 |
| 23 | TR-11 37x12 | ■ | 5328 | 50653 | 17017 | 444 | 1.2 | 1.2 |
| 24 | SC 132x16 | ■ | 45056 | 3066624 | 170397 | 2112 | 1.2 | 1.2 |
| 25 | PIL-11 50x37 | ■ | 211054 | 385417 | 451457 | 1850 | 1.2 | 1.2 |
| 26 | PIL-12 40x53 | ■ | 496257 | 282667 | 596323 | 2120 | 1.2 | 1.2 |
| 28 | R 30x30 | ■ | 67500 | 67500 | 114085 | 900 | 1.2 | 1.2 |
| 29 | NEW 20x77 | ■ | 951110 | 100260 | 320107 | 1925 | 1.2 | 1.2 |

Archivio vincoli. Rigidezze diagonale

| N | Descrizione | kx [N/m] | ky [N/m] | kz [N/m] | krx [Nm] | kry [Nm] | krz [Nm] | Unione |
|----|-------------|----------|----------|----------|----------|-----------|----------|------------|
| 1 | incastro | ∞ | ∞ | ∞ | ∞ | ∞ | ∞ | 1) Assente |
| 2 | libero | 0 | 0 | 0 | 0 | 0 | 0 | 1) Assente |
| 6 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 80000000 | ∞ | 1) Assente |
| 7 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 100000000 | ∞ | 2) Default |
| 9 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 100000000 | ∞ | 1) Assente |
| 10 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 80000000 | ∞ | 1) Assente |
| 11 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 100000000 | ∞ | 1) Assente |
| 12 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 100000000 | ∞ | 1) Assente |
| 13 | RIGIDEZZA X | ∞ | ∞ | ∞ | ∞ | 100000000 | ∞ | 1) Assente |

Archivio vincoli. Rigidezze aggiuntive

| N | Descrizione | kxy [N/m] | kxz [N/m] | kx_rx [N] | kx_ry [N] | kx_rz [N] | kyz [N/m] | ky_rx [N] | ky_ry [N] | ky_rz [N] | kz_rx [N] | kz_ry [N] | kz_rz [N] | kxr_ry [Nm] | kxr_rz [Nm] | kry_rz [Nm] |
|----|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|
| 1 | incastro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | libero | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | RIGIDEZZA X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Resistenze Unioni

| N | Descrizione | Resistenze Unioni | Formule Unioni | Parametri Gen. Verifiche | Riferimento | α [°] Gruppo | Fori Bulloni | Stmp | Prezzo [€] |
|---|-------------|-------------------|-----------------------|--------------------------|-------------|--------------|--------------|------|------------|
| 1 | Assente | 1) Infinita | 1) No | 2) Default qND | Asse Beam | 0 | 1) F0 | No | 0 |
| 2 | Default | 1) Infinita | 2) $\Sigma c \leq 1$ | 2) Default qND | Asse Beam | 0 | 1) F0 | Si | 0 |

Fori Bulloni

| N | Descrizione | Øtot [mm] per Ala | Øtot [mm] per Amima | Lung. [m] |
|---|-------------|-------------------|---------------------|-----------|
| 1 | F0 | 0 | 0 | 0 |

Resistenze Unioni

| N | Descrizione | Fx Max [kN] | Fx Min [kN] | Fy Max [kN] | Fy Min [kN] | Fz Max [kN] | Fz Min [kN] | Mx Max [kNm] | Mx Min [kNm] | My Max [kNm] | My Min [kNm] | Mz Max [kNm] | Mz Min [kNm] |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 | Infinita | ∞ | -∞ | ∞ | -∞ | ∞ | -∞ | ∞ | -∞ | ∞ | -∞ | ∞ | -∞ |

Formule Unioni

| N | Descrizione | Formula | Valida |
|---|-------------------|---|--------|
| 1 | No | | No |
| 2 | $\sum c \leq 1$ | $\text{abs}(nx)+\text{abs}(ny)+\text{abs}(nz)+\text{abs}(cx)+\text{abs}(cy)+\text{abs}(cz)$ | Si |

Criteri Progetto CA

| N | Descrizione | Acciaio | Tipo Elemento | Parametri Generali CA | Parametri Verifiche CA | Parametri Gen. Verifiche | Parametri PushOver | Es | Parametri Esistente CA | Vis. 3D | Colore |
|---|-------------|-----------|---------------|-----------------------|------------------------|--------------------------|--------------------|----|------------------------|---------|--------|
| 1 | Default | 8) FEB32K | Principale | 1) Param. Gen_1 | 1) Default CA | 1) Default Gen | 1) Par.Push A | Si | 1) LC2 | Si | |
| 4 | Default 2 | 5) B450C | Principale | 2) Param. Gen_2 | 2) Default CA_2 | 1) Default Gen | 1) Par.Push A | No | | Si | |

Parametri Generali CA

| N | Descrizione | Condiz. ambient. | ricopr. [mm] | Ø st. [mm] | passo St. max.[m] | Ø ₁ [mm] | Ø ₂ [mm] | k ₁ intraFe | intraFe min [mm] | intra St. min [mm] | L. max. tond.[m] | ampl. oe Cmb Rara | arrot. passo | min anc./Ø |
|---|--------------|------------------|--------------|------------|-------------------|---------------------|---------------------|------------------------|------------------|--------------------|------------------|-------------------|--------------|------------|
| 1 | Param. Gen_1 | Ordinarie | 20 | 6 | 0.334 | 14 | 18 | 1 | 20 | 20 | 12 | 1.5 | Si | 40 |
| 2 | Param. Gen_2 | Ordinarie | 30 | 10 | 0.334 | 14 | 18 | 1 | 20 | 20 | 12 | 1.5 | Si | 40 |

Parametri Esistente CA

| N | Descrizione | FC cls | FC Fe | ancor./ Ø | Fe Nervato | Ganci ad uncino | St. 135° | n.Fe/spilli | Sovr.Zona Critica |
|---|-------------|--------|-------|-----------|------------|-----------------|----------|-------------|-------------------|
| 1 | LC2 | 1 | 1.2 | 10 | No | No | No | ∞ | Si |

Parametri Pilastri CA

| N | Descrizione | Ø staffe nodo [mm] | Dist. Max. Tond. Lato corto [cm] | Dist. Max. Tond. Lato lungo [cm] | Quadr. Simm | Pendenza Fe Continui [%] |
|---|-------------|--------------------|----------------------------------|----------------------------------|-------------|--------------------------|
| 1 | Par.Pil | 6 | 30 | 30 | No | 16.67 |

Parametri Travi CA

| N | Descrizione | Larg. max. staffe [cm] | Dist. max. Tond. Inf.[cm] | Dist. max. Tond. Sup.[cm] | Dist. max. Tond. Lat.[cm] | Ripresa | K.unif. Monconi | Ø Fe Lat [mm] | Staffe a canestro | Verif.zona Nodo Pil. | L/δ |
|---|-------------|------------------------|---------------------------|---------------------------|---------------------------|----------|-----------------|---------------|-------------------|----------------------|-----|
| 1 | Par.Trav | 60 | 15 | 15 | 25 | Centrale | 2.25 | 12 | No | Si | 250 |

Parametri Pareti CA

| N | Descrizione | Duttile | Ø centr. oriz. [mm] | Ø centr. vert. [mm] | Ø centr. spilli. [mm] | Zona Sx Dx Ø Long. [mm] | Zona Sx Dx Ø staffe [mm] | Zona Confinata Laterale | n° spilli [1/m²] | barre vert passo max [m] | barre oriz passo max [m] | simmetrica |
|---|-----------------|---------|---------------------|---------------------|-----------------------|-------------------------|--------------------------|-------------------------|------------------|--------------------------|--------------------------|------------|
| 1 | Par.Parete Elev | Si | 12 | 20 | 10 | 20 | 10 | Presente | 9 | 0.3 | 0.3 | No |

Parametri Verifiche CA

| N | Descrizione | SLU Lin. | Duttilità | SLU ali Wink | SLE Tens | SLE fess. | Ripresa | Min da Criteri | Geom §4.1.6 | Geom §7.4.6 | Ger. V-M | Ger. Tra-Pil | Geom Nodo | Resist. Nodo | Rotaz. |
|---|--------------|----------|-----------|--------------|----------|-----------|---------|----------------|-------------|-------------|----------|--------------|-----------|--------------|--------|
| 1 | Default CA | auto | No | auto | auto | auto | No | No | No | No | No | No | No | No | auto |
| 2 | Default CA_2 | auto | No | auto | auto | auto | No | No | Si | No | No | No | No | No | auto |

Parametri Prog. Shell CA

| N | Descrizione | Copert di base | Passo max di base [m] | Passo max chiodi [m] | Dist.verif chiodi [d] | Soll.Sism. Medie | Verif. punt.NM | Ver.punt.NM cmb Sism | Prog. Punz | Ø Sag. | Sequenza progetto | Ottim. Raffit. | Angolo Arm Prog. [°] | K raggio medie | Veri.Su Beam |
|---|----------------|----------------|-----------------------|----------------------|-----------------------|------------------|----------------|----------------------|------------|--------|-------------------|----------------|----------------------|----------------|--------------|
| 1 | Opz Prog Shell | 0.85 | 0.3 | 0.2 | 0.5 | No | No | No | Rett.Circ. | 16 | M-V | Semplice | 0 | 0.5 | auto |

Parametri Gen. Verifiche

| N | Descrizione | SLU | Instab. | SLE Def | k.SLE Spost. | k N | k M | k V | k Mt | q SLV |
|---|-------------|------|---------|---------|--------------|------|------|------|------|-------|
| 1 | Default Gen | auto | auto | auto | auto | auto | auto | auto | auto | auto |
| 2 | Default qND | auto | auto | auto | auto | auto | auto | auto | auto | qND |

Gerarchia e γRd

| | |
|----------------------|-----|
| γRd V-M Travi CDA | 1.2 |
| γRd V-M Travi CDB | 1.1 |
| γRd V-M Pilastri CDA | 1.3 |
| γRd V-M Pilastri CDB | 1.1 |
| γRd Fondazioni CDA | 1.3 |
| γRd Fondazioni CDB | 1.1 |
| γRd Ger.Trav.Pil CDA | 1.3 |
| γRd Ger.Trav.Pil CDB | 1.3 |
| γRd Res. Nodi CDA | 1.2 |
| γRd Res. Nodi CDB | 1.1 |
| γRd V-M Parete CDA | 1.2 |

| | |
|--|-----------|
| γRd V-M Parete CDB | 1 |
| Applicazione EC8 §4.4.2.3(4) | No |
| Gerarchia V-M elementi Sec. | Sì |
| Dettagli duttili Sec. | Sì |
| Luce netta travi gerarchia V-M | Sì |
| SLU Lineare per fondazioni | Sì |
| SLU Lineare solo Cmb SLV | No |
| SLU Lineare CIs per qND | No |
| Tipo Verif. Fondazione Sismica | γRd NTC18 |
| q non dissipativo verifica nodi | qND |
| q Taglio max gerarchia V-M | qND |
| q Momento max gerarchia Trav-Pil | qND |
| q verifica fondazioni | qND |
| q verifica pareti non dissipative | qND |
| qNd di default per shell in CA | Sì |
| qNd di default per elementi in Legno | Sì |
| qNd di default per elementi in Acciaio | Sì |
| qNd di default per Unioni | Sì |

Opzioni Verifiche Struttura

| | |
|---|-------------|
| N sez. di verifica pilastri di Wink. | 13 |
| N sez. di verifica travi | 11 |
| α Ghersi | 1.5 |
| α Pressoflessione Deviata | EC2 o Monti |
| Snellezza, calcolo L0. k1=k2 | 0.1 |
| Struttura a nodi fissi | No |
| Parametro EC2 6.4.5 (3) Vrdmax | 0.4 |
| Per taglio: αc = f[Ned/(Ac + n As),fcd] | No |
| Verifica Nodi CNTC18 | Sì |
| Taglio pareti CDB come da EC8 | No |
| Caratteristiche medie stati | No |
| Kh per portanza sismica: §C7.11.5.3.1 | Sì |
| Verifica liquefazione con LPI | Sì |
| Verifica nodi fondazioni esistenti | Sì |
| Formule verifica nodi esistenti | CNTC o EC8 |
| Limite deformabilità orizzontale H/Δ | 500 |
| Limite deformabilità orizzontale h/δ | 300 |
| Verifica λ limite Fe se Ned ≥ 0.04Ncr | Sì |
| Asta carica/scarica. ΔM | 10 % |
| Asta carica/scarica. Interpolata | Sì |

Parametri FEM Shell

| N | Descrizione | %E fles | %E ass | %G | Lung Max Mesh [m] | L.Max Mesh Perim. [m] | Elem.Fin. Shell | Irrig. Pil. | Irrig. Parete | K.Dist. Irrig. | % rig.tors. Link WCM | FEM con Delta | FEM con Rigel | Vincoli Interni Perimetrali | Copia vin- coli Lato | Mesh Q Sempl. |
|---|-----------------|------------|-----------|-----|----------------------|--------------------------|--------------------|----------------|------------------|-------------------|-------------------------|------------------|------------------|--------------------------------|-------------------------|------------------|
| 1 | parametri Shell | 100 | 100 | 100 | 1.2 | 1.2 | T-R | Sì | No | 0.33 | 100 | Sì | No | incastri | auto | auto |

Parametri FEM Beam

| N | Descrizione | %E fles | %E ass | %G | Dim. Nodo | Link Δx-Δy | Link Δz | Lung Max Mesh [m] | Vincolo Ini. Interno | Vincolo Fin. Interno | Allineamento Travi |
|---|-------------|------------|-----------|-----|--------------|---------------|------------|----------------------|-------------------------|-------------------------|-----------------------|
| 1 | Fem Beam | 100 | 100 | 100 | 1 | Sì | Sì | 1.2 | 1) incastro | 1) incastro | Auto |

Lunghezze Libere

| n | Descrizione | L0y [m] | L0y/L | L0z [m] | L0z/L | LcrT [m] | LcrT/L | ψ=1/β | Carico | c2 | kw |
|---|-------------|---------|-------|---------|-------|----------|--------|-------|--------|------|------|
| 1 | Auto | auto | auto | auto | auto | auto | auto | auto | Auto | auto | auto |

Opzioni FEM Struttura

| | |
|--|----------------|
| g per conversione massa/peso | 9.80665 [m/s²] |
| E elementi secondari | 0.1 [%] |
| Carico impronta solaio su travi laterali | Sì |
| Carichi sui braccetti rigidi | Sì |
| Fascia aggiuntiva solaio su travi laterali | 0 [m] |

| | |
|---|---------|
| H.concio/Diam.Palo | 1 |
| Deformabilità taglio | Si |
| Nodo master-rigel su Winkler | Si |
| Carico P-Δ Quasi Permanente | Si |
| Carico termico elementi in piano rigido | No |
| Cerniera su rigel WCM | No |
| Lunghezza Max Mesh | 1.2 [m] |
| Lunghezza Mesh su nodo | 0.3 [m] |
| Coef Incremento Mesh | 1.41 |
| Lmax/Lmin Rettangolo (Q4+DKQ) | 10 |
| Angolo minimo (Q4+DKQ) | 20 [°] |
| Lati mesh sempre pari | No |

Sezioni Beam cls

| N | Descrizione | Sezione | Materiale | Parametri FEM Beam | Criteri CA | Parametri Travi CA | Parametri Pilastrici CA | W | Posa Fondazione | L.impr. [m] | k.Wink. [N/cm³] | Colore |
|----|--------------|------------------|-----------|--------------------|--------------|--------------------|-------------------------|----|-----------------|-------------|-----------------|---------------|
| 1 | PIL-1 37x37 | 1) PIL-1 37x37 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 2 | PIL-2 30x37 | 2) PIL-2 30x37 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 3 | PIL-3 37x37 | 3) PIL-3 37x37 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 4 | PIL-4 37x37 | 6) PIL-4 37x37 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 6 | PIL-5 37x45 | 7) PIL-5 37x45 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 7 | PIL-6 37x33 | 8) PIL-6 37x33 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 8 | PIL-7 25x50 | 9) PIL-7 25x50 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 9 | PIL-8 30x50 | 10) PIL-8 30x50 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 10 | PIL-9 37x48 | 11) PIL-9 37x48 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 11 | PIL-10 37x25 | 12) PIL-10 37x25 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 12 | TR-1 12x77 | 13) TR-1 12x77 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 13 | TR-2 15x85 | 14) TR-2 15x85 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 14 | TR-3 12x85 | 15) TR-3 12x85 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 15 | TR-4 12x45 | 16) TR-4 12x45 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 16 | TR-5 12x40 | 17) TR-5 12x40 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 17 | TR-6 12x50 | 18) TR-6 12x50 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 18 | TR-7 12x95 | 19) TR-7 12x95 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 19 | TR-8 12x30 | 20) TR-8 12x30 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 20 | TR-9 12x100 | 21) TR-9 12x100 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 21 | TR-10 16x50 | 22) TR-10 16x50 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 22 | TR-11 37x12 | 23) TR-11 37x12 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 23 | SC 132x16 | 24) SC 132x16 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 24 | PIL-11 50x37 | 25) PIL-11 50x37 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 25 | PIL-12 40x53 | 26) PIL-12 40x53 | 7) C10/15 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [102;102;102] |
| 27 | R 30x30 | 28) R 30x30 | 2) C28/35 | 1) Fem Beam | 1) Default | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | |
| 28 | NEW 20x77 | 29) NEW 20x77 | 1) C25/30 | 1) Fem Beam | 4) Default 2 | 1) Par.Trav | 1) Par.Pil | No | | 0 | 0 | [204;0;204] |

Sezioni Pareti cls

| N | Descrizione | Spess. [m] | Materiale | Criteri CA | Tipo | Parametri Pareti CA | k.Wink. [N/cm³] | Posa Fondazione | Parametri FEM Shell | Parametri Prog. Shell CA | Colore |
|---|-------------|------------|-----------|--------------|-------|---------------------|-----------------|-----------------|---------------------|--------------------------|------------|
| 3 | S30 WCM | 0.3 | 2) C28/35 | 4) Default 2 | Shell | 1) Par.Parete Elev | 0 | | 1) parametri Shell | 1) Opz Prog Shell | [51;153;0] |

Sezioni Solai

| N | Descrizione | B [m] | b [m] | s [m] | H [m] | γ Pignatta [kg/m³] | Prez.pign. [€/m³] | Materiale | Criteri CA | Criteri solai | N. Tral | Tralicci | L/δ | Colore |
|---|--------------|-------|-------|-------|-------|--------------------|-------------------|-----------|------------|---------------|---------|----------|-----|--------|
| 1 | Sez_Sol 20+5 | 0.5 | 0.12 | 0.05 | 0.25 | 800 | 100 | 1) C25/30 | 1) Default | 1) Crit.Sol.1 | 0 | | 250 | |
| 2 | Sez_Sol 22+5 | 0.5 | 0.12 | 0.05 | 0.27 | 800 | 100 | 1) C25/30 | 1) Default | 1) Crit.Sol.1 | 0 | | 250 | |

Criteri solai

| N | Descrizione | Appogg. qL²/M | Mezz. qL²/M | Rompitr. d.max [m] | Rompitr. Larg. [m] | Rompitr. Ø [mm] | Rompitr. num.Fe | Ripart. Ø [mm] | Ripart. passo [m] | n.Fe.Min Inf.Camp. | n.Fe.Min Sup.balc. |
|---|-------------|---------------|-------------|--------------------|--------------------|-----------------|-----------------|----------------|-------------------|--------------------|--------------------|
| 1 | Crit.Sol.1 | 18 | 10 | 10 | 0.15 | 12 | 4 | 8 | 0.33 | 1 | 1 |

Opz. generali solai

γ cls umido

3000 kg/m³

Resistenza di calcolo Fe e CIs per sezione

| | | Duttile | | | | | | Fragile | | | | Calcolo ro | | | | Domanda GR | | | |
|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Tipo | Sezione | fym [MPa] | fcm [MPa] | fyd [MPa] | fyk [MPa] | fcd [MPa] | fck [MPa] | fyd [MPa] | fyk [MPa] | fcd [MPa] | fck [MPa] | fyd [MPa] | fyk [MPa] | fcd [MPa] | fck [MPa] | fyd [MPa] | fyk [MPa] | fcd [MPa] | fck [MPa] |
| Sezione Beam | 1) PIL-1 37x37 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 2) PIL-2 30x37 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 3) PIL-3 37x37 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 4) PIL-4 37x37 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 5) ⊥ 100x90w | 315 | 33 | 262.5 | 262.5 | 33 | 25 | 228.26 | 262.5 | 22 | 25 | 315 | 315 | 33 | 25 | 378 | 378 | 33 | 25 |
| Sezione Beam | 6) PIL-5 37x45 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 7) PIL-6 37x33 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |

| | | | | | | | | | | | | | | | | | | | |
|---------------|----------------------|-----|----|-------|-------|----|----|--------|-------|----|----|-----|-----|----|----|-----|-----|----|----|
| Sezione Beam | 8) PIL-7 25x50 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 9) PIL-8 30x50 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 10) PIL-9 37x48 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 11) PIL-10 37x25 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 12) TR-1 12x77 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 13) TR-2 15x85 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 14) TR-3 12x85 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 15) TR-4 12x45 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 16) TR-5 12x40 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 17) TR-6 12x50 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 18) TR-7 12x95 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 19) TR-8 12x30 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 20) TR-9 12x100 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 21) PIL-12 40x53 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 22) TR-11 37x12 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 23) SC 132x16 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 24) PIL-11 50x37 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 25) PIL-12 40x53 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 26) R 10x10 | 315 | 18 | 262.5 | 262.5 | 18 | 10 | 228.26 | 262.5 | 12 | 10 | 315 | 315 | 18 | 10 | 378 | 378 | 18 | 10 |
| Sezione Beam | 27) R 30x30 | 315 | 36 | 262.5 | 262.5 | 36 | 28 | 228.26 | 262.5 | 24 | 28 | 315 | 315 | 36 | 28 | 378 | 378 | 36 | 28 |
| Sezione Shell | 1) S30 | 315 | 33 | 262.5 | 262.5 | 33 | 25 | 228.26 | 262.5 | 22 | 25 | 315 | 315 | 33 | 25 | 378 | 378 | 33 | 25 |
| Sezione Shell | 2) S30 Parete Taglio | 315 | 33 | 262.5 | 262.5 | 33 | 25 | 228.26 | 262.5 | 22 | 25 | 315 | 315 | 33 | 25 | 378 | 378 | 33 | 25 |
| PlintoDiretto | 1) Plinto 2x2 | 315 | 33 | 262.5 | 262.5 | 33 | 25 | 228.26 | 262.5 | 22 | 25 | 315 | 315 | 33 | 25 | 378 | 378 | 33 | 25 |
| SezioneSolaio | 1) Sez_Sol 20+5 | 315 | 33 | 262.5 | 262.5 | 33 | 25 | 228.26 | 262.5 | 22 | 25 | 315 | 315 | 33 | 25 | 378 | 378 | 33 | 25 |
| SezioneSolaio | 2) Sez_Sol 22+5 | 315 | 33 | 262.5 | 262.5 | 33 | 25 | 228.26 | 262.5 | 22 | 25 | 315 | 315 | 33 | 25 | 378 | 378 | 33 | 25 |

Archivio Azioni

| N | Descrizione | Descrizione estesa | Tipo | Cat. | γ | ψ0 | ψ1 | ψ2 | Classe Durata |
|----|-------------|---------------------------------------|------|------|-----|-----|-----|-----|---------------|
| 1 | Peso. Prop. | Peso proprio | G1 | | 1.3 | 1 | 1 | 1 | Perm. |
| 3 | Resid | Ambienti ad uso residenziale | Q | A | 1.5 | 0.7 | 0.5 | 0.3 | Media |
| 5 | Affol. | Ambienti suscettibili di affollamento | Q | C | 1.5 | 0.7 | 0.7 | 0.6 | Media |
| 13 | Neve <1km | Neve a quota <= 1000m s.l.m. | Q | | 1.5 | 0.5 | 0.2 | 0 | Breve |

Archivio Pannelli

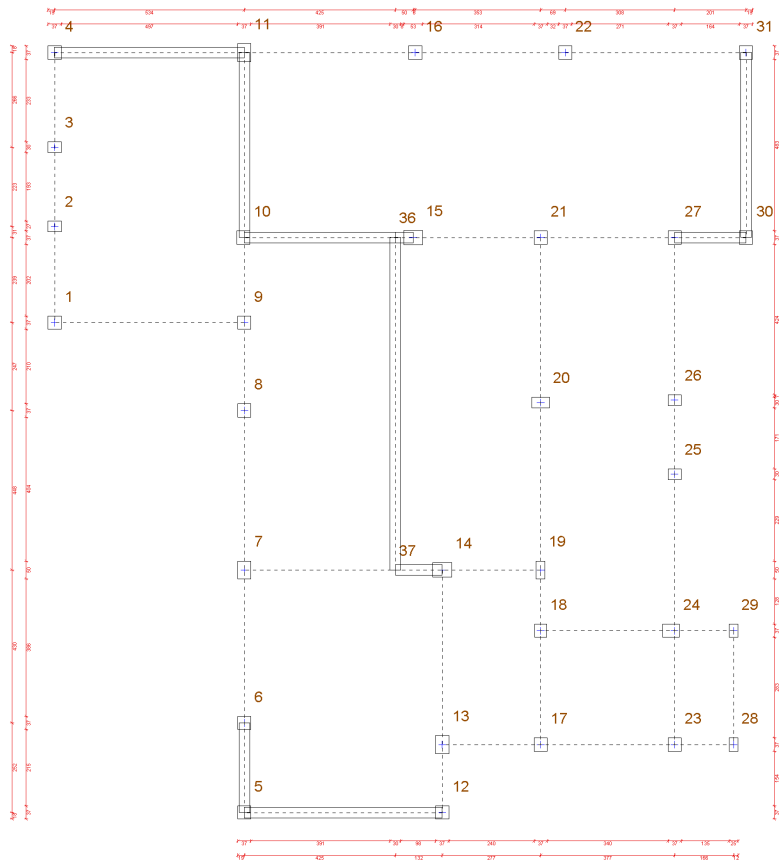
| N | Descrizione | Peso G1 [kN/m²] | Sezione Solaio | Sovr. G2 [kN/m²] | Sovr. acc. [kN/m²] | Socr. acc. Uso | Neve [0/1] | spessore [cm] | Masse | Direzione Carichi | Prezzo [€/m²] | Cassa-forma |
|----|----------------------------|-----------------|-----------------|------------------|--------------------|----------------|------------|---------------|-------|-------------------|---------------|-------------|
| 1 | SOLAIO STIMP A | 2 | | 2.12 | 3 | 3) Resid | 0 | 22 | Si | verticale | 60 | Si |
| 2 | TAMPONATURE | 0 | | 2.3 | 0 | 3) Resid | 0 | 0 | Si | verticale | 0 | No |
| 3 | BALCONE | 5 | | 0.6 | 3 | 5) Affol. | 1 | 20 | Si | verticale | 60 | Si |
| 5 | SOLETTA PIENA | 3 | | 2.12 | 3 | 3) Resid | 0 | 12 | Si | verticale | 60 | Si |
| 6 | SOLAIO STIMP B | 2.65 | | 2.12 | 3 | 3) Resid | 0 | 29 | Si | verticale | 60 | Si |
| 7 | SOLAIO 12+4 LATERO CEMEN.. | 2.25 | | 2.12 | 2 | 3) Resid | 0 | 16 | Si | verticale | 60 | Si |
| 8 | SOLAIO ST STIMP A | 2 | | 2.12 | 2 | 3) Resid | 0 | 22 | Si | verticale | 60 | Si |
| 11 | SOLAIO 12+4 LATERO CEMEN.. | 2.25 | | 2.12 | 2 | 3) Resid | 0 | 16 | Si | verticale | 60 | Si |
| 12 | SOL 20+5 | 3.5951 | 1) Sez_Sol 20+5 | 2.12 | 3 | 3) Resid | 0 | 23 | Si | verticale | 0 | Si |
| 13 | SOL 22+5 | 3.832 | 2) Sez_Sol 22+5 | 2.12 | 3 | 3) Resid | 0 | 27 | Si | verticale | 0 | Si |

Archivio Distribuiti

| N | Descrizione | Vert. [N/m] | Massa | Torc. [Nm/m] | Rifer. | Ass. [N/m] | Long [N/m] | Azione Carico |
|---|--------------------|-------------|-------|--------------|---------|------------|------------|----------------|
| 1 | PP - 1 - COPERTURA | 3675 | Si | 0 | globale | 0 | 0 | 1) Peso. Prop. |
| 2 | SN - 1 - COPERTURA | 5617.5 | Si | 0 | globale | 0 | 0 | 13) Neve <1km |
| 3 | PP - 2 - COPERTURA | 1680 | Si | 0 | globale | 0 | 0 | 1) Peso. Prop. |
| 4 | SN - 2 - COPERTURA | 2472 | Si | 0 | globale | 0 | 0 | 13) Neve <1km |
| 5 | PP - 3 - COPERTURA | 5810 | Si | 0 | globale | 0 | 0 | 1) Peso. Prop. |
| 6 | SN - 3 - COPERTURA | 8549 | Si | 0 | globale | 0 | 0 | 13) Neve <1km |

Struttura

Fili fissi piano 0 a quota Q=0m



Fili

| N | x [m] | y [m] | Tipo | Angolo [°] |
|----|-------|-------|------|------------|
| 1 | -5.16 | 13.95 | 5) + | 0 |
| 2 | -5.16 | 16.65 | 5) + | 0 |
| 3 | -5.16 | 18.88 | 5) + | 0 |
| 4 | -5.16 | 21.54 | 5) + | 0 |
| 5 | 0.18 | 0.18 | 5) + | 0 |
| 6 | 0.18 | 2.7 | 5) + | 0 |
| 7 | 0.18 | 7 | 5) + | 0 |
| 8 | 0.18 | 11.48 | 5) + | 0 |
| 9 | 0.18 | 13.95 | 5) + | 0 |
| 10 | 0.18 | 16.34 | 5) + | 0 |
| 11 | 0.18 | 21.54 | 5) + | 0 |
| 12 | 5.75 | 0.18 | 5) + | 0 |
| 13 | 5.75 | 2.09 | 5) + | 0 |
| 14 | 5.75 | 7 | 5) + | 0 |
| 15 | 4.93 | 16.34 | 5) + | 0 |
| 16 | 4.99 | 21.54 | 5) + | 0 |
| 17 | 8.52 | 2.09 | 5) + | 0 |
| 18 | 8.52 | 5.29 | 5) + | 0 |
| 19 | 8.52 | 7 | 5) + | 0 |
| 20 | 8.52 | 11.7 | 5) + | 0 |
| 21 | 8.52 | 16.34 | 5) + | 0 |
| 22 | 9.21 | 21.54 | 5) + | 0 |
| 23 | 12.29 | 2.09 | 5) + | 0 |
| 24 | 12.29 | 5.29 | 5) + | 0 |
| 25 | 12.29 | 9.69 | 5) + | 0 |
| 26 | 12.29 | 11.77 | 5) + | 0 |
| 27 | 12.29 | 16.34 | 5) + | 0 |
| 28 | 13.95 | 2.09 | 5) + | 0 |
| 29 | 13.95 | 5.29 | 5) + | 0 |
| 30 | 14.3 | 16.34 | 5) + | 0 |
| 31 | 14.3 | 21.54 | 5) + | 0 |
| 32 | 8.52 | 3.09 | 5) + | 0 |
| 33 | 12.29 | 3.09 | 5) + | 0 |
| 34 | 8.52 | 4.29 | 5) + | 0 |

| | | | | |
|----|-------|-------|------|---|
| 35 | 12.29 | 4.29 | 5) + | 0 |
| 36 | 4.43 | 16.34 | 5) + | 0 |
| 37 | 4.43 | 7 | 5) + | 0 |

Piani

| N | z [m] | Esteso | Rigido |
|---|-------|--------|--------|
| 0 | 0 | No | No |
| 1 | 3.05 | Sì | Sì |
| 5 | 4.85 | No | Sì |
| 2 | 6.65 | Sì | Sì |
| 6 | 8.45 | No | Sì |
| 3 | 10.25 | Sì | Sì |
| 7 | 12.05 | No | Sì |
| 4 | 13.85 | Sì | Sì |
| 9 | 16.25 | No | No |
| 8 | 17.1 | No | No |

Nodi

| Piano | N | Δz [m] | Vincolo Esterno | Lung max Mesh [m] | Gruppo Rigido | Massa Sismica | Verif Res. |
|-------|----|--------|-----------------|-------------------|---------------|---------------|------------|
| 0 | 1 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 2 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 3 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 4 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 5 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 6 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 7 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 8 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 9 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 10 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 11 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 12 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 13 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 14 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 15 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 16 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 17 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 18 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 19 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 20 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 21 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 22 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 23 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 24 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 25 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 26 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 27 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 28 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 29 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 30 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 31 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 36 | 0 | 1) incastro | 0.3 | 0 | auto | Default |
| 0 | 37 | 0 | 1) incastro | 0.3 | 0 | auto | Default |

Pilastri

| Piano | N | Filo Ini | Piano Fin | rotaz [°] | Sezione beam | Δxi [cm] | Δyi [cm] | L0x/L | L0x/L | Lung. Libera |
|-------|----|----------|-----------|-----------|------------------|----------|----------|-------|-------|--------------|
| 1 | 1 | 1 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 2 | 2 | 0 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 3 | 3 | 0 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 4 | 4 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 5 | 5 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 6 | 6 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 7 | 7 | 0 | 90 | 24) PIL-11 50x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 8 | 8 | 0 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 9 | 9 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 10 | 10 | 0 | 90 | 4) PIL-4 37x37 | -2.5 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 11 | 11 | 0 | 90 | 24) PIL-11 50x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 12 | 12 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 13 | 13 | 0 | 90 | 24) PIL-11 50x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 14 | 14 | 0 | 90 | 25) PIL-12 40x53 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 15 | 15 | 0 | 90 | 25) PIL-12 40x53 | 0 | 0 | 1.225 | 1.225 | 1) Auto |

| | | | | | | | | | | |
|---|----|----|---|----|------------------|------|---|-------|-------|---------|
| 1 | 16 | 16 | 0 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 17 | 17 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 18 | 18 | 0 | 90 | 7) PIL-6 37x33 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 19 | 19 | 0 | 0 | 8) PIL-7 25x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 20 | 20 | 0 | 90 | 9) PIL-8 30x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 21 | 21 | 0 | 90 | 4) PIL-4 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 22 | 22 | 0 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 23 | 23 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 1 | 24 | 24 | 0 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 25 | 25 | 0 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 26 | 26 | 0 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 27 | 27 | 0 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 28 | 28 | 0 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 1 | 29 | 29 | 0 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 1 | 30 | 30 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 1 | 31 | 31 | 0 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 5 | 23 | 23 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 5 | 24 | 24 | 1 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 5 | 28 | 28 | 1 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 5 | 29 | 29 | 1 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 2 | 1 | 1 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 2 | 2 | 1 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 3 | 3 | 1 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 4 | 4 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 5 | 5 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 6 | 6 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 7 | 7 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 8 | 8 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 9 | 9 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 10 | 10 | 1 | 90 | 4) PIL-4 37x37 | -2.5 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 11 | 11 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 12 | 12 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 13 | 13 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 14 | 14 | 1 | 90 | 6) PIL-5 37x45 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 15 | 15 | 1 | 90 | 6) PIL-5 37x45 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 16 | 16 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 17 | 17 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 18 | 18 | 1 | 90 | 7) PIL-6 37x33 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 19 | 19 | 1 | 0 | 8) PIL-7 25x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 20 | 20 | 1 | 90 | 9) PIL-8 30x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 21 | 21 | 1 | 90 | 4) PIL-4 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 22 | 22 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 23 | 23 | 5 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 2 | 24 | 24 | 5 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 25 | 25 | 1 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 26 | 26 | 1 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 27 | 27 | 1 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 28 | 28 | 5 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 2 | 29 | 29 | 5 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 2 | 30 | 30 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 2 | 31 | 31 | 1 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 6 | 23 | 23 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 6 | 24 | 24 | 2 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 6 | 28 | 28 | 2 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 6 | 29 | 29 | 2 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 3 | 1 | 1 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 2 | 2 | 2 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 3 | 3 | 2 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 4 | 4 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 5 | 5 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 6 | 6 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 7 | 7 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 8 | 8 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 9 | 9 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 10 | 10 | 2 | 90 | 4) PIL-4 37x37 | -2.5 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 11 | 11 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 12 | 12 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 13 | 13 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 14 | 14 | 2 | 90 | 6) PIL-5 37x45 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 15 | 15 | 2 | 90 | 6) PIL-5 37x45 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 16 | 16 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 17 | 17 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 18 | 18 | 2 | 90 | 7) PIL-6 37x33 | 0 | 0 | 1.225 | 1.225 | 1) Auto |

| | | | | | | | | | | |
|---|----|----|---|----|------------------|------|---|-------|-------|---------|
| 3 | 19 | 19 | 2 | 0 | 8) PIL-7 25x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 20 | 20 | 2 | 90 | 9) PIL-8 30x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 21 | 21 | 2 | 90 | 4) PIL-4 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 22 | 22 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 23 | 23 | 6 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 3 | 24 | 24 | 6 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 25 | 25 | 2 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 26 | 26 | 2 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 27 | 27 | 2 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 28 | 28 | 6 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 3 | 29 | 29 | 6 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 3 | 30 | 30 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 3 | 31 | 31 | 2 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 7 | 23 | 23 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 7 | 24 | 24 | 3 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 7 | 28 | 28 | 3 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 7 | 29 | 29 | 3 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.449 | 2.449 | 1) Auto |
| 4 | 1 | 1 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 2 | 2 | 3 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 3 | 3 | 3 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 4 | 4 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 5 | 5 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 6 | 6 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 7 | 7 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 8 | 8 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 9 | 9 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 10 | 10 | 3 | 90 | 4) PIL-4 37x37 | -2.5 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 11 | 11 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 12 | 12 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 13 | 13 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 14 | 14 | 3 | 90 | 6) PIL-5 37x45 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 15 | 15 | 3 | 90 | 6) PIL-5 37x45 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 16 | 16 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 17 | 17 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 18 | 18 | 3 | 90 | 7) PIL-6 37x33 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 19 | 19 | 3 | 0 | 8) PIL-7 25x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 20 | 20 | 3 | 90 | 9) PIL-8 30x50 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 21 | 21 | 3 | 90 | 4) PIL-4 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 22 | 22 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 23 | 23 | 7 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 4 | 24 | 24 | 7 | 90 | 10) PIL-9 37x48 | -10 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 25 | 25 | 3 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 26 | 26 | 3 | 90 | 2) PIL-2 30x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 27 | 27 | 3 | 90 | 3) PIL-3 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 28 | 28 | 7 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 4 | 29 | 29 | 7 | 90 | 11) PIL-10 37x25 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 4 | 30 | 30 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 4 | 31 | 31 | 3 | 90 | 1) PIL-1 37x37 | 0 | 0 | 1.225 | 1.225 | 1) Auto |
| 9 | 10 | 10 | 4 | 90 | 4) PIL-4 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 12 | 12 | 4 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 13 | 13 | 4 | 90 | 3) PIL-3 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 14 | 14 | 4 | 90 | 6) PIL-5 37x45 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 15 | 15 | 4 | 90 | 6) PIL-5 37x45 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 16 | 16 | 4 | 90 | 3) PIL-3 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 17 | 17 | 4 | 90 | 1) PIL-1 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 19 | 19 | 4 | 0 | 8) PIL-7 25x50 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 20 | 20 | 4 | 90 | 8) PIL-7 25x50 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 21 | 21 | 4 | 90 | 4) PIL-4 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |
| 9 | 22 | 22 | 4 | 90 | 3) PIL-3 37x37 | 0 | 0 | 2.182 | 2.182 | 1) Auto |

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| Piano | N | Filo Ini | Filo Fin | Piano Fin | rotaz [°] | Sezione beam | Δx_i [cm] | Δy_i [cm] | Δz_i [cm] | Δx_f [cm] | Δy_f [cm] | Δz_f [cm] | Lung. Libera |
|-------|----|----------|----------|-----------|-----------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------|
| 1 | 1 | 5 | 6 | 1 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 1 | 2 | 6 | 7 | 1 | 0 | 28) NEW 20x77 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 1 | 3 | 7 | 8 | 1 | 0 | 28) NEW 20x77 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 1 | 4 | 8 | 9 | 1 | 0 | 28) NEW 20x77 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 1 | 5 | 9 | 1 | 1 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 1 | 6 | 1 | 2 | 1 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 1 | 7 | 2 | 3 | 1 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 1 | 8 | 3 | 4 | 1 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 1 | 9 | 4 | 11 | 1 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 1 | 10 | 11 | 16 | 1 | 0 | 28) NEW 20x77 | 0 | 6.5 | 0 | 0 | 6.5 | 0 | 1) Auto |

| | | | | | | | | | | | | | |
|---|----|----|----|---|---|-----------------|-------|-------|---|-------|-------|---|---------|
| 1 | 11 | 16 | 22 | 1 | 0 | 28) NEW 20x77 | 0 | 6.5 | 0 | 0 | 6.5 | 0 | 1) Auto |
| 1 | 12 | 22 | 31 | 1 | 0 | 28) NEW 20x77 | 0 | 6.5 | 0 | 0 | 6.5 | 0 | 1) Auto |
| 1 | 13 | 31 | 30 | 1 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 1 | 14 | 27 | 26 | 1 | 0 | 28) NEW 20x77 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 1 | 15 | 26 | 25 | 1 | 0 | 28) NEW 20x77 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 1 | 16 | 25 | 24 | 1 | 0 | 28) NEW 20x77 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 1 | 17 | 17 | 13 | 1 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 1 | 18 | 21 | 20 | 1 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 1 | 19 | 20 | 19 | 1 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 1 | 20 | 10 | 36 | 1 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 1) Auto |
| 1 | 21 | 11 | 10 | 1 | 0 | 14) TR-3 12x85 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 1 | 22 | 15 | 21 | 1 | 0 | 14) TR-3 12x85 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 1 | 23 | 10 | 9 | 1 | 0 | 15) TR-4 12x45 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 1 | 24 | 19 | 14 | 1 | 0 | 15) TR-4 12x45 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 1 | 25 | 30 | 27 | 1 | 0 | 15) TR-4 12x45 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 1 | 26 | 13 | 12 | 1 | 0 | 16) TR-5 12x40 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 1 | 27 | 21 | 27 | 1 | 0 | 17) TR-6 12x50 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 1 | 28 | 14 | 37 | 1 | 0 | 18) TR-7 12x95 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 1 | 29 | 19 | 18 | 1 | 0 | 19) TR-8 12x30 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 1 | 30 | 14 | 13 | 1 | 0 | 20) TR-9 12x100 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 1 | 31 | 34 | 35 | 5 | 0 | 23) SC 132x16 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 1 | 32 | 18 | 34 | 1 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 1) Auto |
| 1 | 33 | 34 | 32 | 1 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 1) Auto |
| 1 | 34 | 32 | 17 | 1 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 1) Auto |
| 1 | 35 | 37 | 36 | 1 | 0 | 27) R 30x30 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 1 | 36 | 36 | 15 | 1 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 1) Auto |
| 1 | 37 | 37 | 7 | 1 | 0 | 18) TR-7 12x95 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 5 | 1 | 29 | 28 | 5 | 0 | 17) TR-6 12x50 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 5 | 2 | 24 | 35 | 5 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 1) Auto |
| 5 | 3 | 35 | 33 | 5 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 1) Auto |
| 5 | 4 | 33 | 23 | 5 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 1) Auto |
| 5 | 5 | 28 | 23 | 5 | 0 | 22) TR-11 37x12 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 5 | 6 | 24 | 29 | 5 | 0 | 22) TR-11 37x12 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 5 | 7 | 33 | 32 | 2 | 0 | 23) SC 132x16 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 2 | 1 | 5 | 6 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 2 | 6 | 7 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 3 | 7 | 8 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 4 | 8 | 9 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 5 | 9 | 1 | 2 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 2 | 6 | 1 | 2 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 7 | 2 | 3 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 8 | 3 | 4 | 2 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 9 | 4 | 11 | 2 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 10 | 11 | 16 | 2 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 11 | 16 | 22 | 2 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 12 | 22 | 31 | 2 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 13 | 31 | 30 | 2 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 14 | 27 | 26 | 2 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 15 | 26 | 25 | 2 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 16 | 25 | 24 | 2 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 17 | 17 | 13 | 2 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 2 | 18 | 21 | 20 | 2 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 2 | 19 | 20 | 19 | 2 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 2 | 20 | 10 | 36 | 2 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 1) Auto |
| 2 | 21 | 11 | 10 | 2 | 0 | 14) TR-3 12x85 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 22 | 15 | 21 | 2 | 0 | 14) TR-3 12x85 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 23 | 10 | 9 | 2 | 0 | 15) TR-4 12x45 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 24 | 19 | 14 | 2 | 0 | 15) TR-4 12x45 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 25 | 30 | 27 | 2 | 0 | 15) TR-4 12x45 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 2 | 26 | 13 | 12 | 2 | 0 | 16) TR-5 12x40 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 1) Auto |
| 2 | 27 | 21 | 27 | 2 | 0 | 17) TR-6 12x50 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 2 | 28 | 14 | 7 | 2 | 0 | 18) TR-7 12x95 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 1) Auto |
| 2 | 29 | 19 | 18 | 2 | 0 | 19) TR-8 12x30 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 2 | 30 | 14 | 13 | 2 | 0 | 20) TR-9 12x100 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 1) Auto |
| 2 | 31 | 5 | 12 | 2 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 1) Auto |
| 2 | 32 | 18 | 34 | 2 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 1) Auto |
| 2 | 33 | 34 | 32 | 2 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 1) Auto |
| 2 | 34 | 32 | 17 | 2 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 1) Auto |
| 2 | 35 | 34 | 35 | 6 | 0 | 23) SC 132x16 | 0 | 0 | 0 | 0 | 0 | 0 | 1) Auto |
| 2 | 36 | 36 | 15 | 2 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 1) Auto |
| 6 | 1 | 29 | 28 | 6 | 0 | 17) TR-6 12x50 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 1) Auto |
| 6 | 2 | 24 | 35 | 6 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 1) Auto |
| 6 | 3 | 35 | 33 | 6 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 1) Auto |

| | | | | | | | | | | | | | |
|---|----|----|----|---|---|-----------------|-------|-------|---|-------|-------|---|------------|
| 6 | 4 | 33 | 23 | 6 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 1) Auto |
| 6 | 5 | 28 | 23 | 6 | 0 | 22) TR-11 37x12 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 6 | 6 | 24 | 29 | 6 | 0 | 22) TR-11 37x12 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 6 | 7 | 33 | 32 | 3 | 0 | 23) SC 132x16 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 3 | 1 | 5 | 6 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 2 | 6 | 7 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 3 | 7 | 8 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 4 | 8 | 9 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 5 | 9 | 1 | 3 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 3 | 6 | 1 | 2 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 7 | 2 | 3 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 8 | 3 | 4 | 3 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 9 | 4 | 11 | 3 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 10 | 11 | 16 | 3 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 11 | 16 | 22 | 3 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 12 | 22 | 31 | 3 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 13 | 31 | 30 | 3 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 14 | 27 | 26 | 3 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 15 | 26 | 25 | 3 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 16 | 25 | 24 | 3 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 17 | 17 | 13 | 3 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 3 | 18 | 21 | 20 | 3 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 3 | 19 | 20 | 19 | 3 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 3 | 20 | 10 | 36 | 3 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 0) 1) Auto |
| 3 | 21 | 11 | 10 | 3 | 0 | 14) TR-3 12x85 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 22 | 15 | 21 | 3 | 0 | 14) TR-3 12x85 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 23 | 10 | 9 | 3 | 0 | 15) TR-4 12x45 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 24 | 19 | 14 | 3 | 0 | 15) TR-4 12x45 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 25 | 30 | 27 | 3 | 0 | 15) TR-4 12x45 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 3 | 26 | 13 | 12 | 3 | 0 | 16) TR-5 12x40 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 27 | 21 | 27 | 3 | 0 | 17) TR-6 12x50 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 3 | 28 | 14 | 7 | 3 | 0 | 18) TR-7 12x95 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 3 | 29 | 19 | 18 | 3 | 0 | 19) TR-8 12x30 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 3 | 30 | 14 | 13 | 3 | 0 | 20) TR-9 12x100 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 3 | 31 | 5 | 12 | 3 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 3 | 32 | 18 | 34 | 3 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 0) 1) Auto |
| 3 | 33 | 34 | 32 | 3 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 0) 1) Auto |
| 3 | 34 | 32 | 17 | 3 | 0 | 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 | 0) 1) Auto |
| 3 | 35 | 34 | 35 | 7 | 0 | 23) SC 132x16 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 3 | 36 | 36 | 15 | 3 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 0) 1) Auto |
| 7 | 1 | 29 | 28 | 7 | 0 | 17) TR-6 12x50 | 6.5 | 0 | 0 | 6.5 | 0 | 0 | 0) 1) Auto |
| 7 | 2 | 24 | 35 | 7 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 0) 1) Auto |
| 7 | 3 | 35 | 33 | 7 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 0) 1) Auto |
| 7 | 4 | 33 | 23 | 7 | 0 | 21) TR-10 16x50 | 5.5 | 0 | 0 | 5.5 | 0 | 0 | 0) 1) Auto |
| 7 | 5 | 28 | 23 | 7 | 0 | 22) TR-11 37x12 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 7 | 6 | 24 | 29 | 7 | 0 | 22) TR-11 37x12 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 7 | 7 | 33 | 32 | 4 | 0 | 23) SC 132x16 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 4 | 1 | 5 | 6 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 2 | 6 | 7 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 3 | 7 | 8 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 4 | 8 | 9 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 5 | 9 | 1 | 4 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 4 | 6 | 1 | 2 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 7 | 2 | 3 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 8 | 3 | 4 | 4 | 0 | 12) TR-1 12x77 | -12.5 | 0 | 0 | -12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 9 | 4 | 11 | 4 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 4 | 10 | 11 | 16 | 4 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 4 | 11 | 16 | 22 | 4 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 4 | 12 | 22 | 31 | 4 | 0 | 12) TR-1 12x77 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 4 | 13 | 31 | 30 | 4 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 14 | 27 | 26 | 4 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 15 | 26 | 25 | 4 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 16 | 25 | 24 | 4 | 0 | 12) TR-1 12x77 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 17 | 17 | 13 | 4 | 0 | 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 4 | 18 | 21 | 20 | 4 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 4 | 19 | 20 | 19 | 4 | 0 | 13) TR-2 15x85 | 0 | 0 | 0 | 0 | 0 | 0 | 0) 1) Auto |
| 4 | 20 | 10 | 36 | 4 | 0 | 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 | 0) 1) Auto |
| 4 | 21 | 11 | 10 | 4 | 0 | 14) TR-3 12x85 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 22 | 15 | 21 | 4 | 0 | 14) TR-3 12x85 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 4 | 23 | 10 | 9 | 4 | 0 | 15) TR-4 12x45 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |
| 4 | 24 | 19 | 14 | 4 | 0 | 15) TR-4 12x45 | 0 | 12.5 | 0 | 0 | 12.5 | 0 | 0) 1) Auto |
| 4 | 25 | 30 | 27 | 4 | 0 | 15) TR-4 12x45 | 0 | -12.5 | 0 | 0 | -12.5 | 0 | 0) 1) Auto |
| 4 | 26 | 13 | 12 | 4 | 0 | 16) TR-5 12x40 | 12.5 | 0 | 0 | 12.5 | 0 | 0 | 0) 1) Auto |

| | | | | | | | | | | | |
|---|----|----|----|---|-------------------|-------|-------|---|-------|-------|-----------|
| 4 | 27 | 21 | 27 | 4 | 0 17) TR-6 12x50 | 0 | -12.5 | 0 | 0 | -12.5 | 0 1) Auto |
| 4 | 28 | 14 | 7 | 4 | 0 18) TR-7 12x95 | 0 | 12.5 | 0 | 0 | 12.5 | 0 1) Auto |
| 4 | 29 | 19 | 18 | 4 | 0 19) TR-8 12x30 | 0 | 0 | 0 | 0 | 0 | 0 1) Auto |
| 4 | 30 | 14 | 13 | 4 | 0 20) TR-9 12x100 | -12.5 | 0 | 0 | -12.5 | 0 | 0 1) Auto |
| 4 | 31 | 5 | 12 | 4 | 0 12) TR-1 12x77 | 0 | -12.5 | 0 | 0 | -12.5 | 0 1) Auto |
| 4 | 32 | 18 | 34 | 4 | 0 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 1) Auto |
| 4 | 33 | 34 | 32 | 4 | 0 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 1) Auto |
| 4 | 34 | 32 | 17 | 4 | 0 21) TR-10 16x50 | -8 | 0 | 0 | -8 | 0 | 0 1) Auto |
| 4 | 35 | 36 | 15 | 4 | 0 13) TR-2 15x85 | 0 | 11 | 0 | 0 | 11 | 0 1) Auto |

Svincoli elastici interni

| Piano | N | Beam Tipo | Beam n° | Nodi Beam | x [m] | Vincolo |
|-------|----|-----------|---------|-------------|-------|-----------------|
| 1 | 1 | Trave | 2 | 6[1] 7[1] | Ini | 6) RIGIDEZZA X |
| 1 | 2 | Trave | 26 | 13[1] 12[1] | Fin | 12) RIGIDEZZA X |
| 1 | 3 | Trave | 10 | 11[1] 16[1] | Ini | 6) RIGIDEZZA X |
| 1 | 4 | Trave | 8 | 3[1] 4[1] | Fin | 9) RIGIDEZZA X |
| 1 | 5 | Trave | 27 | 21[1] 27[1] | Fin | 10) RIGIDEZZA X |
| 1 | 6 | Trave | 22 | 15[1] 21[1] | Ini | 11) RIGIDEZZA X |
| 1 | 7 | Trave | 12 | 22[1] 31[1] | Fin | 12) RIGIDEZZA X |
| 1 | 8 | Trave | 14 | 27[1] 26[1] | Ini | 13) RIGIDEZZA X |
| 1 | 11 | Trave | 37 | 37[1] 7[1] | Ini | 6) RIGIDEZZA X |
| 2 | 1 | Trave | 2 | 6[2] 7[2] | Ini | 6) RIGIDEZZA X |
| 2 | 2 | Trave | 26 | 13[2] 12[2] | Fin | 12) RIGIDEZZA X |
| 2 | 4 | Trave | 8 | 3[2] 4[2] | Fin | 9) RIGIDEZZA X |
| 2 | 5 | Trave | 27 | 21[2] 27[2] | Fin | 10) RIGIDEZZA X |
| 2 | 6 | Trave | 22 | 15[2] 21[2] | Ini | 11) RIGIDEZZA X |
| 2 | 7 | Trave | 12 | 22[2] 31[2] | Fin | 12) RIGIDEZZA X |
| 2 | 8 | Trave | 14 | 27[2] 26[2] | Ini | 13) RIGIDEZZA X |
| 2 | 10 | Trave | 24 | 19[2] 14[2] | Fin | 6) RIGIDEZZA X |
| 2 | 11 | Trave | 10 | 11[2] 16[2] | Ini | 6) RIGIDEZZA X |
| 3 | 1 | Trave | 2 | 6[3] 7[3] | Ini | 6) RIGIDEZZA X |
| 3 | 2 | Trave | 26 | 13[3] 12[3] | Fin | 12) RIGIDEZZA X |
| 3 | 3 | Trave | 10 | 11[3] 16[3] | Ini | 7) RIGIDEZZA X |
| 3 | 4 | Trave | 8 | 3[3] 4[3] | Fin | 9) RIGIDEZZA X |
| 3 | 5 | Trave | 27 | 21[3] 27[3] | Fin | 10) RIGIDEZZA X |
| 3 | 6 | Trave | 22 | 15[3] 21[3] | Ini | 11) RIGIDEZZA X |
| 3 | 7 | Trave | 12 | 22[3] 31[3] | Fin | 12) RIGIDEZZA X |
| 3 | 8 | Trave | 14 | 27[3] 26[3] | Ini | 13) RIGIDEZZA X |
| 4 | 1 | Trave | 2 | 6[4] 7[4] | Ini | 6) RIGIDEZZA X |
| 4 | 2 | Trave | 26 | 13[4] 12[4] | Fin | 12) RIGIDEZZA X |
| 4 | 3 | Trave | 10 | 11[4] 16[4] | Ini | 7) RIGIDEZZA X |
| 4 | 4 | Trave | 8 | 3[4] 4[4] | Fin | 9) RIGIDEZZA X |
| 4 | 5 | Trave | 27 | 21[4] 27[4] | Fin | 10) RIGIDEZZA X |
| 4 | 6 | Trave | 22 | 15[4] 21[4] | Ini | 11) RIGIDEZZA X |
| 4 | 7 | Trave | 12 | 22[4] 31[4] | Fin | 12) RIGIDEZZA X |
| 4 | 9 | Trave | 14 | 27[4] 26[4] | Ini | 13) RIGIDEZZA X |

Pareti

| Piano | N | Filo Ini | Filo Fin | Piano Inf | Sezione | Δx_i [cm] | Δy_i [cm] | Δx_f [cm] | Δy_f [cm] | lw [m] | Angolo [°] | Filo centr | Megaparete | Vincolo inf Interno WCM | Cern.Plas. Centr WCM | Cern.Plas. Inf WCM |
|-------|----|----------|----------|-----------|------------|-------------------|-------------------|-------------------|-------------------|--------|------------|------------|------------|-------------------------|----------------------|--------------------|
| 1 | 1 | 14 | 37 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 1.32 | 90 | | | 5 1) incastro | 2) Default | 2) Default |
| 1 | 2 | 5 | 12 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.57 | -90 | | | 2 1) incastro | 2) Default | 2) Default |
| 1 | 3 | 5 | 6 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.52 | 0 | | | 3 1) incastro | 2) Default | 2) Default |
| 1 | 4 | 31 | 30 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 4 1) incastro | 2) Default | 2) Default |
| 1 | 5 | 10 | 11 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 3 1) incastro | 2) Default | 2) Default |
| 1 | 7 | 4 | 11 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.34 | -90 | | | 6 1) incastro | 2) Default | 2) Default |
| 1 | 8 | 15 | 36 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 0.5 | 90 | | | 1 1) incastro | 2) Default | 2) Default |
| 1 | 9 | 30 | 27 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.01 | -90 | | | 1 1) incastro | 2) Default | 2) Default |
| 1 | 10 | 36 | 10 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 4.25 | -90 | | | 1 1) incastro | 2) Default | 2) Default |
| 1 | 11 | 36 | 37 | 0 | 3) S30 WCM | 0 | 0 | 0 | 0 | 9.34 | -180 | | | 7 1) incastro | 2) Default | 2) Default |
| 2 | 1 | 10 | 36 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 4.25 | -90 | | | 1 1) incastro | 2) Default | 2) Default |
| 2 | 2 | 5 | 12 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.57 | -90 | | | 2 1) incastro | 2) Default | 2) Default |
| 2 | 3 | 5 | 6 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.52 | 0 | | | 3 1) incastro | 2) Default | 2) Default |
| 2 | 4 | 31 | 30 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 4 1) incastro | 2) Default | 2) Default |
| 2 | 5 | 10 | 11 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 3 1) incastro | 2) Default | 2) Default |
| 2 | 6 | 36 | 15 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 0.5 | -270 | | | 1 1) incastro | 2) Default | 2) Default |
| 2 | 7 | 4 | 11 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.34 | -90 | | | 6 1) incastro | 2) Default | 2) Default |
| 2 | 9 | 30 | 27 | 1 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.01 | -90 | | | 1 1) incastro | 2) Default | 2) Default |
| 3 | 1 | 10 | 36 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 4.25 | -90 | | | 1 1) incastro | 2) Default | 2) Default |
| 3 | 2 | 5 | 12 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.57 | -90 | | | 2 1) incastro | 2) Default | 2) Default |
| 3 | 3 | 5 | 6 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.52 | 0 | | | 3 1) incastro | 2) Default | 2) Default |
| 3 | 4 | 31 | 30 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 4 1) incastro | 2) Default | 2) Default |
| 3 | 5 | 10 | 11 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 3 1) incastro | 2) Default | 2) Default |
| 3 | 6 | 36 | 15 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 0.5 | -270 | | | 1 1) incastro | 2) Default | 2) Default |

| | | | | | | | | | | | | | | | | | |
|---|---|----|----|---|------------|---|---|---|---|------|------|--|--|---|-------------|------------|------------|
| 3 | 7 | 4 | 11 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.34 | -90 | | | 6 | 1) incastro | 2) Default | 2) Default |
| 3 | 9 | 30 | 27 | 2 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.01 | -90 | | | 1 | 1) incastro | 2) Default | 2) Default |
| 4 | 1 | 10 | 36 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 4.25 | -90 | | | 1 | 1) incastro | 2) Default | 2) Default |
| 4 | 2 | 5 | 12 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.57 | -90 | | | 2 | 1) incastro | 2) Default | 2) Default |
| 4 | 3 | 5 | 6 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.52 | 0 | | | 3 | 1) incastro | 2) Default | 2) Default |
| 4 | 4 | 31 | 30 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 4 | 1) incastro | 2) Default | 2) Default |
| 4 | 5 | 10 | 11 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.2 | 0 | | | 3 | 1) incastro | 2) Default | 2) Default |
| 4 | 6 | 36 | 15 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 0.5 | -270 | | | 1 | 1) incastro | 2) Default | 2) Default |
| 4 | 7 | 4 | 11 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 5.34 | -90 | | | 6 | 1) incastro | 2) Default | 2) Default |
| 4 | 9 | 30 | 27 | 3 | 3) S30 WCM | 0 | 0 | 0 | 0 | 2.01 | -90 | | | 1 | 1) incastro | 2) Default | 2) Default |

Aperture pareti

| Piano | N | Parete | Fili | Piano Inf. | H Par [m] | Δ Ini. [m] | Larg. [m] | Δ Fin. [m] | Δ Inf. [m] | Alt. [m] | Δ Sup. [m] |
|-------|---|--------|-------|------------|-----------|------------|-----------|------------|------------|----------|------------|
| 2 | 1 | 1 | 10-36 | 1 | 3.6 | 0.6 | 1.1 | 2.55 | 0 | 2.6 | 1 |
| 2 | 2 | 2 | 5-12 | 1 | 3.6 | 2 | 1.57 | 2 | 0.9 | 1.8 | 0.9 |
| 2 | 7 | 7 | 4-11 | 1 | 3.6 | 1.9 | 1.54 | 1.9 | 0 | 2.4 | 1.2 |
| 3 | 7 | 7 | 4-11 | 2 | 3.6 | 1.9 | 1.54 | 1.9 | 0 | 2.4 | 1.2 |
| 4 | 1 | 1 | 10-36 | 3 | 3.6 | 2.55 | 1.1 | 0.6 | 0 | 2.6 | 1 |
| 4 | 7 | 7 | 4-11 | 3 | 3.6 | 1.9 | 1.54 | 1.9 | 0 | 2.4 | 1.2 |

Megapareti

| Megaparete | | | Origine Rif.Loc | | | Versore X Rif.Loc | | | Versore Y Rif.Loc | | | Versore Z Rif.Loc | | |
|------------|------------|-----------|-----------------|---------|--------|-------------------|---------|---------|-------------------|--------|--------|-------------------|---------|---------|
| N° | Sezione | piano sup | x [m] | y [m] | z [m] | x [m] | y [m] | z [m] | x [m] | y [m] | z [m] | x [m] | y [m] | z [m] |
| 1 | 3) S30 WCM | 4 | 0.0000 | 16.3400 | 0.0000 | 1.0000 | -0.0000 | -0.0000 | 0.0000 | 0.0000 | 1.0000 | 0.0000 | -1.0000 | 0.0000 |
| 2 | 3) S30 WCM | 4 | 0.0000 | 0.1800 | 0.0000 | 1.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.0000 | 0.0000 | -1.0000 | 0.0000 |
| 3 | 3) S30 WCM | 4 | 0.1800 | 0.0000 | 0.0000 | 0.0000 | 1.0000 | 0.0000 | 0.0000 | 0.0000 | 1.0000 | 1.0000 | 0.0000 | 0.0000 |
| 4 | 3) S30 WCM | 4 | 14.3000 | 0.0000 | 0.0000 | -0.0000 | 1.0000 | -0.0000 | 0.0000 | 0.0000 | 1.0000 | 1.0000 | 0.0000 | -0.0000 |
| 5 | 3) S30 WCM | 1 | 0.0000 | 7.0000 | 0.0000 | 1.0000 | -0.0000 | -0.0000 | 0.0000 | 0.0000 | 1.0000 | -0.0000 | -1.0000 | 0.0000 |
| 6 | 3) S30 WCM | 4 | 0.0000 | 21.5400 | 0.0000 | 1.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.0000 | 0.0000 | -1.0000 | 0.0000 |
| 7 | 3) S30 WCM | 1 | 4.4300 | 0.0000 | 0.0000 | -0.0000 | 1.0000 | -0.0000 | 0.0000 | 0.0000 | 1.0000 | 1.0000 | 0.0000 | -0.0000 |

Discretizzazione Lastre e Piastre

| Macroelemento | | | | | Elementi finiti | | | | Dimensioni E.F. | | | | | |
|---------------|-------|----|------|----------|-----------------|-----------|------------|--------------|-----------------|-----------|----------------|-----------------|----------------|-----------|
| Tipo | Piano | N° | Lati | Sup [m²] | Tipo | Num. Ele. | Nodi Perim | Nodi Interni | L.Min [m] | L.Max [m] | Angolo min [°] | Angolo med. [°] | Angolo max [°] | Lung Lati |
| Parete | 1 | 1 | 4 | 4.026 | LSR+ACM | 28 | 22 | 18 | 0.26294 | 0.73709 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 1 | 2 | 4 | 16.988 | LSR+ACM | 70 | 34 | 54 | 0.24969 | 0.98691 | 86.2 | 90 | 93.8 | -5.4% |
| Parete | 1 | 3 | 4 | 7.686 | LSR+ACM | 42 | 26 | 30 | 0.26294 | 0.73709 | 90.0 | 90 | 90.0 | -0.0% |
| Parete | 1 | 4 | 4 | 15.86 | LSR+ACM | 63 | 32 | 48 | 0.26294 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 1 | 5 | 4 | 15.86 | LSR+ACM | 63 | 32 | 48 | 0.26294 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 1 | 7 | 4 | 16.287 | CST+DKT | 137 | 33 | 53 | 0.1936 | 1.1499 | 28.9 | 60 | 96.8 | -51.6% |
| Parete | 1 | 8 | 4 | 1.525 | LSR+ACM | 14 | 18 | 6 | 0.25 | 0.73709 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 1 | 9 | 4 | 6.1305 | LSR+ACM | 35 | 24 | 24 | 0.26294 | 0.73709 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 1 | 10 | 4 | 12.962 | CST+DKT | 113 | 31 | 42 | 0.17541 | 0.89899 | 24.8 | 60 | 99.7 | -58.0% |
| Parete | 1 | 11 | 4 | 28.487 | LSR+ACM | 91 | 40 | 72 | 0.26294 | 1.089 | 90.0 | 90 | 90.0 | -0.0% |
| Parete | 2 | 1 | 4 | 15.3 | CST+DKT | 118 | 34 | 48 | 0.17597 | 0.92867 | 28.5 | 60 | 108.4 | -52.2% |
| Parete | 2 | 2 | 4 | 20.052 | CST+DKT | 104 | 36 | 38 | 0.24995 | 1.1942 | 39.0 | 60 | 90.0 | -37.0% |
| Parete | 2 | 3 | 4 | 9.072 | LSR+ACM | 48 | 28 | 35 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | -0.0% |
| Parete | 2 | 4 | 4 | 18.72 | LSR+ACM | 72 | 34 | 56 | 0.24995 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 2 | 5 | 4 | 18.72 | LSR+ACM | 72 | 34 | 56 | 0.24995 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 2 | 6 | 4 | 1.8 | LSR+ACM | 16 | 20 | 7 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 2 | 7 | 4 | 19.224 | CST+DKT | 142 | 36 | 58 | 0.18016 | 0.9528 | 28.2 | 60 | 90.0 | -52.7% |
| Parete | 2 | 9 | 4 | 7.236 | LSR+ACM | 40 | 26 | 28 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 3 | 1 | 4 | 15.3 | LSR+ACM | 72 | 34 | 56 | 0.24229 | 0.8052 | 89.3 | 90 | 90.7 | -1.0% |
| Parete | 3 | 2 | 4 | 20.052 | LSR+ACM | 80 | 36 | 63 | 0.24969 | 0.98691 | 86.8 | 90 | 93.2 | -4.4% |
| Parete | 3 | 3 | 4 | 9.072 | LSR+ACM | 48 | 28 | 35 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | -0.0% |
| Parete | 3 | 4 | 4 | 18.72 | LSR+ACM | 72 | 34 | 56 | 0.24995 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 3 | 5 | 4 | 18.72 | LSR+ACM | 72 | 34 | 56 | 0.24995 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 3 | 6 | 4 | 1.8 | LSR+ACM | 16 | 20 | 7 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 3 | 7 | 4 | 19.224 | CST+DKT | 142 | 36 | 58 | 0.18016 | 0.9528 | 28.2 | 60 | 90.0 | -52.7% |
| Parete | 3 | 9 | 4 | 7.236 | LSR+ACM | 40 | 26 | 28 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 4 | 1 | 4 | 15.3 | CST+DKT | 118 | 34 | 48 | 0.17597 | 0.92933 | 28.5 | 60 | 108.3 | -52.2% |
| Parete | 4 | 2 | 4 | 20.052 | LSR+ACM | 80 | 36 | 63 | 0.24969 | 0.98691 | 90.0 | 90 | 90.0 | -0.0% |
| Parete | 4 | 3 | 4 | 9.072 | LSR+ACM | 48 | 28 | 35 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | -0.0% |
| Parete | 4 | 4 | 4 | 18.72 | LSR+ACM | 72 | 34 | 56 | 0.24995 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 4 | 5 | 4 | 18.72 | LSR+ACM | 72 | 34 | 56 | 0.24995 | 1.1197 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 4 | 6 | 4 | 1.8 | LSR+ACM | 16 | 20 | 7 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | 0.0% |
| Parete | 4 | 7 | 4 | 19.224 | CST+DKT | 142 | 36 | 58 | 0.18016 | 0.9528 | 28.2 | 60 | 90.0 | -52.7% |
| Parete | 4 | 9 | 4 | 7.236 | LSR+ACM | 40 | 26 | 28 | 0.24995 | 0.70068 | 90.0 | 90 | 90.0 | 0.0% |

Travetti Solai

| Travetto solaio | | | | Appoggio Sx | | | | Appoggio Dx | | | | | | | |
|-----------------|----|-----------------|---------------|-------------|--------|--------|-------|-------------|--------|--------|-------|----------|-----------|---------|-------------------|
| Piano | N | Sezione solaio | Tipo pannello | Trave | x [m] | y [m] | z [m] | Trave | x [m] | y [m] | z [m] | Lung [m] | incl. [°] | Mensola | N.Solaio Continuo |
| 1 | 1 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 27 | 8.865 | 16.215 | 3.05 | 11 | 8.865 | 21.605 | 3.05 | 5.39 | 0 | No | 1 |
| 1 | 2 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 20 | 2.305 | 16.45 | 3.05 | 10 | 2.305 | 21.605 | 3.05 | 5.155 | 0 | No | 2 |
| 1 | 3 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 29 | 8.52 | 6.145 | 3.05 | 16 | 12.355 | 6.145 | 3.05 | 3.835 | 0 | No | 3 |
| 1 | 4 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 35 | 4.43 | 14.02 | 3.05 | 18 | 8.52 | 14.02 | 3.05 | 4.09 | 0 | No | 4 |
| 1 | 5 | 2) Sez_Sol 22+5 | 13) SOL 22+5 | 1 | 0.055 | 2.395 | 3.05 | 30 | 5.625 | 2.395 | 3.05 | 5.57 | 0 | No | 5 |
| 1 | 6 | 2) Sez_Sol 22+5 | 13) SOL 22+5 | 6 | -5.285 | 15.145 | 3.05 | 23 | 0.305 | 15.145 | 3.05 | 5.59 | 0 | No | 6 |
| 1 | 7 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 23 | 0.305 | 15.145 | 3.05 | 35 | 4.43 | 15.145 | 3.05 | 4.125 | 0 | No | 6 |
| 1 | 8 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 22 | 6.755 | 16.465 | 3.05 | 11 | 6.755 | 21.605 | 3.05 | 5.14 | 0 | No | 7 |
| 1 | 9 | 2) Sez_Sol 22+5 | 13) SOL 22+5 | 1 | 0.055 | 1.135 | 3.05 | 26 | 5.875 | 1.135 | 3.05 | 5.82 | 0 | No | 8 |
| 1 | 10 | 2) Sez_Sol 22+5 | 13) SOL 22+5 | 8 | -5.285 | 20.21 | 3.05 | 21 | 0.305 | 20.21 | 3.05 | 5.59 | 0 | No | 9 |
| 1 | 11 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 18 | 8.52 | 14.055 | 3.05 | 14 | 12.355 | 14.055 | 3.05 | 3.835 | 0 | No | 10 |
| 1 | 12 | 1) Sez_Sol 20+5 | 12) SOL 20+5 | 4 | 0.245 | 12.715 | 3.05 | 35 | 4.43 | 12.715 | 3.05 | 4.185 | 0 | No | 11 |
| 1 | 13 | 2) Sez_Sol 22+5 | 13) SOL 22+5 | 2 | 0.245 | 4.85 | 3.05 | 30 | 5.625 | 4.85 | 3.05 | 5.38 | 0 | No | 12 |

Carichi

Solai

| Piano | N | Tipo Pannello | Trave Ini (Parete Ini) | Trave Fin (Parete Fin) | angolo [°] | Area [m²] |
|-------|----|-------------------------------|------------------------|------------------------|------------|-----------|
| 1 | 1 | 13) SOL 22+5 | 26 | 1 | -180 | 10.639 |
| 1 | 2 | 13) SOL 22+5 | 30 | 1 | 0 | 3.3977 |
| 1 | 3 | 13) SOL 22+5 | 30 | 2 | 0 | 23.951 |
| 1 | 4 | 13) SOL 22+5 | 21 | 8 | 0 | 14.204 |
| 1 | 5 | 13) SOL 22+5 | 21 | 7 | 0 | 11.908 |
| 1 | 6 | 13) SOL 22+5 | 23 | 6 | 0 | 12.763 |
| 1 | 7 | 13) SOL 22+5 | 21 | 6 | 0 | 1.6554 |
| 1 | 8 | 12) SOL 20+5 | 20 | 10 | -90 | 22.1 |
| 1 | 9 | 12) SOL 20+5 | 22 | 11 | -90 | 18.356 |
| 1 | 10 | 12) SOL 20+5 | 27 | 11 | 90 | 3.588 |
| 1 | 11 | 12) SOL 20+5 | 27 | 12 | 90 | 16.016 |
| 1 | 12 | 12) SOL 20+5 | 25 | 12 | 90 | 10.452 |
| 1 | 13 | 12) SOL 20+5 | 14 | 18 | -180 | 17.229 |
| 1 | 14 | 12) SOL 20+5 | 15 | 19 | -180 | 7.5777 |
| 1 | 15 | 12) SOL 20+5 | 16 | 19 | 0 | 10.141 |
| 1 | 16 | 12) SOL 20+5 | 16 | 29 | 0 | 6.4467 |
| 1 | 17 | 12) SOL 20+5 | 18 | 35 | -180 | 18.978 |
| 1 | 18 | 12) SOL 20+5 | 19 | 35 | -180 | 19.223 |
| 1 | 19 | 12) SOL 20+5 | 35 | 23 | 0 | 10.158 |
| 1 | 20 | 12) SOL 20+5 | 35 | 4 | 0 | 10.497 |
| 1 | 21 | 12) SOL 20+5 | 35 | 3 | 0 | 19.04 |
| 1 | 22 | 12) SOL 20+5 | 36 | 10 | -90 | 2.6 |
| 1 | 23 | 12) SOL 20+5 | 22 | 10 | -90 | 0.312 |
| 5 | 1 | 5) SOLETTA PIENA | 1 | 2 | -180 | 1.66 |
| 5 | 2 | 5) SOLETTA PIENA | 1 | 3 | -180 | 1.992 |
| 5 | 3 | 5) SOLETTA PIENA | 1 | 4 | -180 | 1.66 |
| 2 | 1 | 1) SOLAIO STIMP A | 26 | 1 | -180 | 10.639 |
| 2 | 2 | 1) SOLAIO STIMP A | 30 | 1 | 0 | 3.3977 |
| 2 | 3 | 1) SOLAIO STIMP A | 30 | 2 | 0 | 23.951 |
| 2 | 4 | 1) SOLAIO STIMP A | 21 | 8 | 0 | 14.204 |
| 2 | 5 | 1) SOLAIO STIMP A | 21 | 7 | 0 | 11.908 |
| 2 | 6 | 1) SOLAIO STIMP A | 23 | 6 | 0 | 12.763 |
| 2 | 7 | 1) SOLAIO STIMP A | 21 | 6 | 0 | 1.6554 |
| 2 | 8 | 1) SOLAIO STIMP A | 20 | 10 | -90 | 22.1 |
| 2 | 9 | 1) SOLAIO STIMP A | 22 | 11 | -90 | 18.356 |
| 2 | 10 | 1) SOLAIO STIMP A | 27 | 11 | 90 | 3.588 |
| 2 | 11 | 1) SOLAIO STIMP A | 27 | 12 | 90 | 16.016 |
| 2 | 12 | 1) SOLAIO STIMP A | 25 | 12 | 90 | 10.452 |
| 2 | 13 | 7) SOLAIO 12+4 LATERO CEMENTO | 14 | 18 | -180 | 17.229 |
| 2 | 14 | 7) SOLAIO 12+4 LATERO CEMENTO | 15 | 19 | -180 | 7.5777 |
| 2 | 15 | 7) SOLAIO 12+4 LATERO CEMENTO | 16 | 19 | 0 | 10.141 |
| 2 | 16 | 7) SOLAIO 12+4 LATERO CEMENTO | 16 | 29 | 0 | 6.4467 |
| 2 | 17 | 1) SOLAIO STIMP A | 36 | 10 | -90 | 2.6 |
| 2 | 18 | 1) SOLAIO STIMP A | 22 | 10 | -90 | 0.312 |
| 6 | 1 | 5) SOLETTA PIENA | 1 | 2 | -180 | 1.66 |
| 6 | 2 | 5) SOLETTA PIENA | 1 | 3 | -180 | 1.992 |
| 6 | 3 | 5) SOLETTA PIENA | 1 | 4 | -180 | 1.66 |
| 3 | 1 | 1) SOLAIO STIMP A | 26 | 1 | -180 | 10.639 |
| 3 | 2 | 1) SOLAIO STIMP A | 30 | 1 | 0 | 3.3977 |
| 3 | 3 | 1) SOLAIO STIMP A | 30 | 2 | 0 | 23.951 |
| 3 | 4 | 1) SOLAIO STIMP A | 21 | 8 | 0 | 14.204 |
| 3 | 5 | 1) SOLAIO STIMP A | 21 | 7 | 0 | 11.908 |

| | | | | | | |
|---|----|-----------------------------------|----|----|------|--------|
| 3 | 6 | 1) SOLAIO STIMP A | 23 | 6 | 0 | 12.763 |
| 3 | 7 | 1) SOLAIO STIMP A | 21 | 6 | 0 | 1.6554 |
| 3 | 8 | 1) SOLAIO STIMP A | 20 | 10 | -90 | 22.1 |
| 3 | 9 | 1) SOLAIO STIMP A | 22 | 11 | -90 | 18.356 |
| 3 | 10 | 1) SOLAIO STIMP A | 27 | 11 | 90 | 3.588 |
| 3 | 11 | 1) SOLAIO STIMP A | 27 | 12 | 90 | 16.016 |
| 3 | 12 | 1) SOLAIO STIMP A | 25 | 12 | 90 | 10.452 |
| 3 | 13 | 7) SOLAIO 12+4 LATERO CEMENTO | 14 | 18 | -180 | 17.229 |
| 3 | 14 | 7) SOLAIO 12+4 LATERO CEMENTO | 15 | 19 | -180 | 7.5777 |
| 3 | 15 | 7) SOLAIO 12+4 LATERO CEMENTO | 16 | 19 | 0 | 10.141 |
| 3 | 16 | 7) SOLAIO 12+4 LATERO CEMENTO | 16 | 29 | 0 | 6.4467 |
| 3 | 17 | 1) SOLAIO STIMP A | 36 | 10 | -90 | 2.6 |
| 3 | 18 | 1) SOLAIO STIMP A | 22 | 10 | -90 | 0.312 |
| 7 | 1 | 5) SOLETTA PIENA | 1 | 2 | -180 | 1.66 |
| 7 | 2 | 5) SOLETTA PIENA | 1 | 3 | -180 | 1.992 |
| 7 | 3 | 5) SOLETTA PIENA | 1 | 4 | -180 | 1.66 |
| 4 | 1 | 8) SOLAIO ST STIMP A | 26 | 1 | -180 | 10.639 |
| 4 | 2 | 8) SOLAIO ST STIMP A | 30 | 1 | 0 | 3.3977 |
| 4 | 3 | 8) SOLAIO ST STIMP A | 30 | 2 | 0 | 23.951 |
| 4 | 4 | 8) SOLAIO ST STIMP A | 21 | 8 | 0 | 14.204 |
| 4 | 5 | 8) SOLAIO ST STIMP A | 21 | 7 | 0 | 11.908 |
| 4 | 6 | 8) SOLAIO ST STIMP A | 23 | 6 | 0 | 12.763 |
| 4 | 7 | 8) SOLAIO ST STIMP A | 21 | 6 | 0 | 1.6554 |
| 4 | 8 | 8) SOLAIO ST STIMP A | 20 | 10 | -90 | 22.1 |
| 4 | 9 | 8) SOLAIO ST STIMP A | 22 | 11 | -90 | 18.356 |
| 4 | 10 | 8) SOLAIO ST STIMP A | 27 | 11 | 90 | 3.588 |
| 4 | 11 | 8) SOLAIO ST STIMP A | 27 | 12 | 90 | 16.016 |
| 4 | 12 | 8) SOLAIO ST STIMP A | 25 | 12 | 90 | 10.452 |
| 4 | 13 | 11) SOLAIO 12+4 LATERO CEMENTO .. | 14 | 18 | -180 | 17.229 |
| 4 | 14 | 11) SOLAIO 12+4 LATERO CEMENTO .. | 15 | 19 | -180 | 7.5777 |
| 4 | 15 | 11) SOLAIO 12+4 LATERO CEMENTO .. | 16 | 19 | 0 | 10.141 |
| 4 | 16 | 11) SOLAIO 12+4 LATERO CEMENTO .. | 16 | 29 | 0 | 6.4467 |
| 4 | 17 | 8) SOLAIO ST STIMP A | 35 | 10 | -90 | 2.6 |
| 4 | 18 | 8) SOLAIO ST STIMP A | 22 | 10 | -90 | 0.312 |

Solai Bidirezionali

| Piano | N | Tipo Pannello | Trave (Parete) | Lato | Travi/Pareti perimetrali | Area [m²] |
|-------|---|-------------------|----------------|------|-----------------------------|-----------|
| 1 | 2 | 6) SOLAIO STIMP B | 30 | Sx | 17,30,24,29,32,33,34 | 13.601 |
| 2 | 1 | 6) SOLAIO STIMP B | 3 | Dx | 3,4,23,20,36,22,18,19,24,28 | 77.896 |
| 2 | 2 | 6) SOLAIO STIMP B | 30 | Sx | 17,30,24,29,32,33,34 | 13.601 |
| 3 | 1 | 6) SOLAIO STIMP B | 3 | Dx | 3,4,23,20,36,22,18,19,24,28 | 77.896 |
| 3 | 2 | 6) SOLAIO STIMP B | 30 | Sx | 17,30,24,29,32,33,34 | 13.601 |
| 4 | 1 | 6) SOLAIO STIMP B | 3 | Dx | 3,4,23,20,35,22,18,19,24,28 | 77.896 |
| 4 | 2 | 6) SOLAIO STIMP B | 30 | Sx | 17,30,24,29,32,33,34 | 13.601 |

Balconi

| Piano | N | Tipo Pannello | Trave (Parete) | dim.ini [m] | dim.fin [m] | Δ ini [m] | Δ fin [m] | Tors. [%] | F ring. [N/m] | inclin. [°] |
|-------|---|---------------|----------------|-------------|-------------|-----------|-----------|-----------|---------------|-------------|
| 2 | 1 | 3) BALCONE | 2 | -1 | -1 | 0 | 0 | 0 | 0 | 0 |
| 2 | 2 | 3) BALCONE | 1 | -1 | -1 | 0 | 0 | 0 | 0 | 0 |

Tamponature

| Piano | N | Tipo Pannello | Trave (Parete) | dim.ini [m] | dim.fin [m] | Δ ini [m] | Δ fin [m] |
|-------|----|----------------|----------------|-------------|-------------|-----------|-----------|
| 1 | 1 | 2) TAMPONATURE | 9 | 3.6 | 3.6 | 0 | 0 |
| 1 | 2 | 2) TAMPONATURE | 10 | 3.6 | 3.6 | 0 | 0 |
| 1 | 3 | 2) TAMPONATURE | 11 | 3.6 | 3.6 | 0 | 0 |
| 1 | 4 | 2) TAMPONATURE | 12 | 3.6 | 3.6 | 0 | 0 |
| 1 | 5 | 2) TAMPONATURE | 13 | 3.6 | 3.6 | 0 | 0 |
| 1 | 6 | 2) TAMPONATURE | 25 | 3.6 | 3.6 | 0 | 0 |
| 1 | 7 | 2) TAMPONATURE | 14 | 3.6 | 3.6 | 0 | 0 |
| 1 | 8 | 2) TAMPONATURE | 15 | 3.6 | 3.6 | 0 | 0 |
| 1 | 9 | 2) TAMPONATURE | 16 | 3.6 | 3.6 | 0 | 0 |
| 1 | 13 | 2) TAMPONATURE | 17 | 3.6 | 3.6 | 0 | 0 |
| 1 | 14 | 2) TAMPONATURE | 26 | 3.6 | 3.6 | 0 | 0 |
| 1 | 15 | 2) TAMPONATURE | 1 | 3.6 | 3.6 | 0 | 0 |
| 1 | 16 | 2) TAMPONATURE | 2 | 3.6 | 3.6 | 0 | 0 |
| 1 | 17 | 2) TAMPONATURE | 3 | 3.6 | 3.6 | 0 | 0 |
| 1 | 18 | 2) TAMPONATURE | 4 | 3.6 | 3.6 | 0 | 0 |
| 1 | 19 | 2) TAMPONATURE | 5 | 3.6 | 3.6 | 0 | 0 |
| 1 | 20 | 2) TAMPONATURE | 6 | 3.6 | 3.6 | 0 | 0 |

| | | | | | | | |
|---|----|----------------|----|-----|-----|------|------|
| 1 | 21 | 2) TAMPONATURE | 7 | 3.6 | 3.6 | 0 | 0 |
| 1 | 22 | 2) TAMPONATURE | 8 | 3.6 | 3.6 | 0 | 0 |
| 2 | 1 | 2) TAMPONATURE | 9 | 3.6 | 3.6 | 0 | 0 |
| 2 | 2 | 2) TAMPONATURE | 10 | 3.6 | 3.6 | 0 | 0 |
| 2 | 3 | 2) TAMPONATURE | 11 | 3.6 | 3.6 | 0 | 0 |
| 2 | 4 | 2) TAMPONATURE | 12 | 3.6 | 3.6 | 0 | 0 |
| 2 | 5 | 2) TAMPONATURE | 13 | 3.6 | 3.6 | 0 | 0 |
| 2 | 6 | 2) TAMPONATURE | 25 | 3.6 | 3.6 | 0 | 0 |
| 2 | 7 | 2) TAMPONATURE | 14 | 3.6 | 3.6 | 0 | 0 |
| 2 | 8 | 2) TAMPONATURE | 15 | 3.6 | 3.6 | 0 | 0 |
| 2 | 9 | 2) TAMPONATURE | 16 | 3.6 | 3.6 | 0 | 0 |
| 2 | 13 | 2) TAMPONATURE | 17 | 3.6 | 3.6 | 0 | 0 |
| 2 | 14 | 2) TAMPONATURE | 26 | 3.6 | 3.6 | 0 | 0 |
| 2 | 15 | 2) TAMPONATURE | 1 | 3.6 | 3.6 | 0 | 0 |
| 2 | 16 | 2) TAMPONATURE | 2 | 3.6 | 3.6 | 0 | 0 |
| 2 | 17 | 2) TAMPONATURE | 3 | 3.6 | 3.6 | 0 | 0 |
| 2 | 18 | 2) TAMPONATURE | 4 | 3.6 | 3.6 | 0 | 0 |
| 2 | 19 | 2) TAMPONATURE | 5 | 3.6 | 3.6 | 0 | 0 |
| 2 | 20 | 2) TAMPONATURE | 6 | 3.6 | 3.6 | 0 | 0 |
| 2 | 21 | 2) TAMPONATURE | 7 | 3.6 | 3.6 | 0 | 0 |
| 2 | 22 | 2) TAMPONATURE | 8 | 3.6 | 3.6 | 0 | 0 |
| 3 | 1 | 2) TAMPONATURE | 9 | 3.6 | 3.6 | 0 | 0 |
| 3 | 2 | 2) TAMPONATURE | 10 | 3.6 | 3.6 | 0 | 0 |
| 3 | 3 | 2) TAMPONATURE | 11 | 3.6 | 3.6 | 0 | 0 |
| 3 | 4 | 2) TAMPONATURE | 12 | 3.6 | 3.6 | 0 | 0 |
| 3 | 5 | 2) TAMPONATURE | 13 | 3.6 | 3.6 | 0 | 0 |
| 3 | 6 | 2) TAMPONATURE | 25 | 3.6 | 3.6 | 0 | 0 |
| 3 | 7 | 2) TAMPONATURE | 14 | 3.6 | 3.6 | 0 | 0 |
| 3 | 8 | 2) TAMPONATURE | 15 | 3.6 | 3.6 | 0 | 0 |
| 3 | 9 | 2) TAMPONATURE | 16 | 3.6 | 3.6 | 0 | 0 |
| 3 | 13 | 2) TAMPONATURE | 17 | 3.6 | 3.6 | 0 | 0 |
| 3 | 14 | 2) TAMPONATURE | 26 | 3.6 | 3.6 | 0 | 0 |
| 3 | 15 | 2) TAMPONATURE | 1 | 3.6 | 3.6 | 0 | 0 |
| 3 | 16 | 2) TAMPONATURE | 2 | 3.6 | 3.6 | 0 | 0 |
| 3 | 17 | 2) TAMPONATURE | 3 | 3.6 | 3.6 | 0 | 0 |
| 3 | 18 | 2) TAMPONATURE | 4 | 3.6 | 3.6 | 0 | 0 |
| 3 | 19 | 2) TAMPONATURE | 5 | 3.6 | 3.6 | 0 | 0 |
| 3 | 20 | 2) TAMPONATURE | 6 | 3.6 | 3.6 | 0 | 0 |
| 3 | 21 | 2) TAMPONATURE | 7 | 3.6 | 3.6 | 0 | 0 |
| 3 | 22 | 2) TAMPONATURE | 8 | 3.6 | 3.6 | 0 | 0 |
| 4 | 1 | 2) TAMPONATURE | 12 | 2.8 | 0 | 0 | 0 |
| 4 | 2 | 2) TAMPONATURE | 11 | 0 | 2.8 | 0 | 0 |
| 4 | 3 | 2) TAMPONATURE | 25 | 0 | 1.2 | 0 | 0 |
| 4 | 4 | 2) TAMPONATURE | 6 | 0 | 2 | 0 | 0 |
| 4 | 5 | 2) TAMPONATURE | 7 | 2.8 | 2 | 1.15 | 0 |
| 4 | 6 | 2) TAMPONATURE | 7 | 2 | 2.8 | 0 | 1.15 |
| 4 | 7 | 2) TAMPONATURE | 8 | 2 | 0 | 0 | 0 |
| 4 | 8 | 2) TAMPONATURE | 31 | 0 | 2.4 | 0 | 0 |

Carichi Generici

| Piano | N | descr. | Tipo Carico | Trave (Parete) | q fni | q fin | Δ ini [m] | Δ fin [m] |
|-------|----|--------|-----------------------|----------------|-------|-------|------------------|------------------|
| 4 | 1 | PP1_C | 1G PP - 1 - COPERTURA | 5 | 1 | 1 | 0 | 0 |
| 4 | 2 | PP1_C | 1G PP - 1 - COPERTURA | 9 | 1 | 1 | 0 | 0 |
| 4 | 3 | PP1_C | 1G PP - 1 - COPERTURA | 10 | 1 | 1 | 0 | 0 |
| 4 | 4 | SN1_C | 2G SN - 1 - COPERTURA | 5 | 1 | 1 | 0 | 0 |
| 4 | 5 | SN1_C | 2G SN - 1 - COPERTURA | 9 | 1 | 1 | 0 | 0 |
| 4 | 6 | SN1_C | 2G SN - 1 - COPERTURA | 10 | 1 | 1 | 0 | 0 |
| 4 | 7 | PP2_C | 3G PP - 2 - COPERTURA | 14 | 1 | 1 | 0 | 0 |
| 4 | 8 | PP2_C | 3G PP - 2 - COPERTURA | 15 | 1 | 1 | 0 | 0 |
| 4 | 9 | PP2_C | 3G PP - 2 - COPERTURA | 16 | 1 | 1 | 0 | 0 |
| 4 | 10 | SN2_C | 4G SN - 2 - COPERTURA | 14 | 1 | 1 | 0 | 0 |
| 4 | 11 | SN2_C | 4G SN - 2 - COPERTURA | 15 | 1 | 1 | 0 | 0 |
| 4 | 12 | SN2_C | 4G SN - 2 - COPERTURA | 16 | 1 | 1 | 0 | 0 |
| 4 | 13 | PP3_C | 5G PP - 3 - COPERTURA | 4 | 1 | 1 | 0 | 0 |
| 4 | 14 | PP3_C | 5G PP - 3 - COPERTURA | 3 | 1 | 1 | 0 | 0 |
| 4 | 15 | PP3_C | 5G PP - 3 - COPERTURA | 2 | 1 | 1 | 0 | 0 |
| 4 | 16 | PP3_C | 5G PP - 3 - COPERTURA | 1 | 1 | 1 | 0 | 0 |
| 4 | 17 | SN3_C | 6G SN - 3 - COPERTURA | 4 | 1 | 1 | 0 | 0 |
| 4 | 18 | SN3_C | 6G SN - 3 - COPERTURA | 3 | 1 | 1 | 0 | 0 |
| 4 | 19 | SN3_C | 6G SN - 3 - COPERTURA | 2 | 1 | 1 | 0 | 0 |
| 4 | 20 | SN3_C | 6G SN - 3 - COPERTURA | 1 | 1 | 1 | 0 | 0 |

Carichi medi distribuiti su travi

| Trave | | | | | Azione [kN/m] | | | | | Famiglia cmb [kN/m] | |
|-------|----|----------|----------|-----------|---------------|--------------|--------|--------|-----------|---------------------|-------------|
| Piano | N | Filo Ini | Filo Fin | Piano Fin | Peso. Prop. | Caric. Perm. | Resid | Affol. | Neve <1km | Fond. | Quasi Perm. |
| 1 | 1 | 5 | 6 | 1 | 12.938 | 14.184 | 8.355 | 0 | 0 | 47.791 | 29.628 |
| 1 | 2 | 6 | 7 | 1 | 15.392 | 14.184 | 8.355 | 0 | 0 | 50.981 | 32.082 |
| 1 | 3 | 7 | 8 | 1 | 12.359 | 12.785 | 6.375 | 0 | 0 | 42.25 | 27.057 |
| 1 | 4 | 8 | 9 | 1 | 12.359 | 12.785 | 6.375 | 0 | 0 | 42.25 | 27.057 |
| 1 | 5 | 9 | 1 | 1 | 2.2653 | 8.4072 | 0.18 | 0 | 0 | 14.144 | 10.727 |
| 1 | 6 | 1 | 2 | 1 | 12.497 | 13.94 | 8.01 | 0 | 0 | 46.383 | 28.84 |
| 1 | 7 | 2 | 3 | 1 | 12.497 | 13.94 | 8.01 | 0 | 0 | 46.383 | 28.84 |
| 1 | 8 | 3 | 4 | 1 | 12.497 | 13.94 | 8.01 | 0 | 0 | 46.383 | 28.84 |
| 1 | 9 | 4 | 11 | 1 | 2.2653 | 8.28 | 0 | 0 | 0 | 13.709 | 10.545 |
| 1 | 10 | 11 | 16 | 1 | 14.067 | 13.792 | 7.8 | 0 | 0 | 47.916 | 30.199 |
| 1 | 11 | 16 | 22 | 1 | 14.067 | 13.792 | 7.8 | 0 | 0 | 47.916 | 30.199 |
| 1 | 12 | 22 | 31 | 1 | 14.067 | 13.792 | 7.8 | 0 | 0 | 47.916 | 30.199 |
| 1 | 13 | 31 | 30 | 1 | 2.2653 | 8.28 | 0 | 0 | 0 | 13.709 | 10.545 |
| 1 | 14 | 27 | 26 | 1 | 11.496 | 12.276 | 5.655 | 0 | 0 | 39.387 | 25.469 |
| 1 | 15 | 26 | 25 | 1 | 11.268 | 12.142 | 5.4647 | 0 | 0 | 38.63 | 25.049 |
| 1 | 16 | 25 | 24 | 1 | 11.496 | 12.276 | 5.655 | 0 | 0 | 39.387 | 25.469 |
| 1 | 17 | 17 | 13 | 1 | 4.1005 | 9.7481 | 2.0775 | 0 | 0 | 21.119 | 14.472 |
| 1 | 18 | 21 | 20 | 1 | 17.152 | 8.2713 | 11.705 | 0 | 0 | 50.608 | 28.935 |
| 1 | 19 | 20 | 19 | 1 | 17.255 | 8.3316 | 11.79 | 0 | 0 | 50.947 | 29.123 |
| 1 | 20 | 10 | 36 | 1 | 12.473 | 5.512 | 7.8 | 0 | 0 | 35.081 | 20.325 |
| 1 | 21 | 11 | 10 | 1 | 12.732 | 5.6604 | 8.01 | 0 | 0 | 35.925 | 20.796 |
| 1 | 22 | 15 | 21 | 1 | 11.848 | 5.512 | 7.8 | 0 | 0 | 34.268 | 19.7 |
| 1 | 23 | 10 | 9 | 1 | 19.195 | 10.165 | 14.385 | 0 | 0 | 59.746 | 33.676 |
| 1 | 24 | 19 | 14 | 1 | 3.159 | 1.4681 | 2.0775 | 0 | 0 | 9.1315 | 5.2504 |
| 1 | 25 | 30 | 27 | 1 | 10.671 | 13.792 | 7.8 | 0 | 0 | 43.502 | 26.803 |
| 1 | 26 | 13 | 12 | 1 | 11.849 | 14.184 | 8.355 | 0 | 0 | 46.376 | 28.54 |
| 1 | 27 | 21 | 27 | 1 | 10.818 | 5.6392 | 7.98 | 0 | 0 | 33.365 | 18.852 |
| 1 | 28 | 14 | 37 | 1 | 2.7949 | 0 | 0 | 0 | 0 | 3.6334 | 2.7949 |
| 1 | 29 | 19 | 18 | 1 | 9.8433 | 5.7433 | 8.1273 | 0 | 0 | 32.454 | 18.025 |
| 1 | 30 | 14 | 13 | 1 | 16.249 | 8.0122 | 11.338 | 0 | 0 | 48.547 | 27.663 |
| 1 | 31 | 34 | 35 | 5 | 4.6726 | 0 | 0 | 0 | 0 | 6.0744 | 4.6726 |
| 1 | 32 | 18 | 34 | 1 | 5.6316 | 2.9362 | 4.155 | 0 | 0 | 17.371 | 9.8143 |
| 1 | 33 | 34 | 32 | 1 | 5.4679 | 2.8053 | 3.9697 | 0 | 0 | 16.71 | 9.4641 |
| 1 | 34 | 32 | 17 | 1 | 3.2863 | 1.06 | 1.5 | 0 | 0 | 7.9002 | 4.7963 |
| 1 | 35 | 37 | 36 | 1 | 17.198 | 8.8404 | 12.51 | 0 | 0 | 52.615 | 29.792 |
| 1 | 36 | 36 | 15 | 1 | 12.473 | 5.512 | 7.8 | 0 | 0 | 35.081 | 20.325 |
| 1 | 37 | 37 | 7 | 1 | 2.7949 | 0.1272 | 0.18 | 0 | 0 | 4.0687 | 2.9761 |
| 5 | 1 | 29 | 28 | 5 | 3.961 | 1.7596 | 2.49 | 0 | 0 | 11.172 | 6.4676 |
| 5 | 2 | 24 | 35 | 5 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 5 | 3 | 35 | 33 | 5 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 5 | 4 | 33 | 23 | 5 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 5 | 5 | 28 | 23 | 5 | 1.0885 | 0.3922 | 0.555 | 0 | 0 | 2.7575 | 1.6472 |
| 5 | 6 | 24 | 29 | 5 | 1.0885 | 0.3922 | 0.555 | 0 | 0 | 2.7575 | 1.6472 |
| 5 | 7 | 33 | 32 | 2 | 4.6726 | 0 | 0 | 0 | 0 | 6.0744 | 4.6726 |
| 2 | 1 | 5 | 6 | 2 | 12.835 | 14.784 | 8.355 | 3 | 1.1271 | 53.783 | 31.926 |
| 2 | 2 | 6 | 7 | 2 | 12.835 | 14.784 | 8.355 | 3 | 1.1271 | 53.783 | 31.926 |
| 2 | 3 | 7 | 8 | 2 | 8.1729 | 13.006 | 6.6878 | 0 | 0 | 37.564 | 23.185 |
| 2 | 4 | 8 | 9 | 2 | 11.616 | 15.761 | 10.586 | 0 | 0 | 51.469 | 30.553 |
| 2 | 5 | 9 | 1 | 2 | 2.2653 | 8.4072 | 0.18 | 0 | 0 | 14.144 | 10.727 |
| 2 | 6 | 1 | 2 | 2 | 7.6053 | 13.94 | 8.01 | 0 | 0 | 40.024 | 23.949 |
| 2 | 7 | 2 | 3 | 2 | 7.6053 | 13.94 | 8.01 | 0 | 0 | 40.024 | 23.949 |
| 2 | 8 | 3 | 4 | 2 | 7.6053 | 13.94 | 8.01 | 0 | 0 | 40.024 | 23.949 |
| 2 | 9 | 4 | 11 | 2 | 2.2653 | 8.28 | 0 | 0 | 0 | 13.709 | 10.545 |
| 2 | 10 | 11 | 16 | 2 | 7.4653 | 13.792 | 7.8 | 0 | 0 | 39.335 | 23.597 |
| 2 | 11 | 16 | 22 | 2 | 7.4653 | 13.792 | 7.8 | 0 | 0 | 39.335 | 23.597 |
| 2 | 12 | 22 | 31 | 2 | 7.4653 | 13.792 | 7.8 | 0 | 0 | 39.335 | 23.597 |
| 2 | 13 | 31 | 30 | 2 | 2.2653 | 8.28 | 0 | 0 | 0 | 13.709 | 10.545 |
| 2 | 14 | 27 | 26 | 2 | 6.5066 | 12.276 | 3.77 | 0 | 0 | 30.073 | 19.914 |
| 2 | 15 | 26 | 25 | 2 | 6.3639 | 12.142 | 3.6431 | 0 | 0 | 29.522 | 19.599 |
| 2 | 16 | 25 | 24 | 2 | 6.5066 | 12.276 | 3.77 | 0 | 0 | 30.073 | 19.914 |
| 2 | 17 | 17 | 13 | 2 | 4.1005 | 9.7481 | 2.0775 | 0 | 0 | 21.119 | 14.472 |
| 2 | 18 | 21 | 20 | 2 | 13.388 | 8.8038 | 10.602 | 0 | 0 | 44.752 | 25.372 |
| 2 | 19 | 20 | 19 | 2 | 13.515 | 8.9148 | 10.73 | 0 | 0 | 45.255 | 25.649 |
| 2 | 20 | 10 | 36 | 2 | 13.953 | 10.014 | 14.17 | 0 | 0 | 52.413 | 28.218 |
| 2 | 21 | 11 | 10 | 2 | 7.8407 | 5.6604 | 8.01 | 0 | 0 | 29.566 | 15.904 |
| 2 | 22 | 15 | 21 | 2 | 12.457 | 9.3174 | 13.185 | 0 | 0 | 48.085 | 25.73 |
| 2 | 23 | 10 | 9 | 2 | 9.8306 | 8.1938 | 11.595 | 0 | 0 | 40.824 | 21.503 |
| 2 | 24 | 19 | 14 | 2 | 6.8293 | 4.4043 | 6.2325 | 0 | 0 | 23.952 | 13.103 |

| | | | | | | | | | | | |
|---|----|----|----|---|--------|--------|--------|---|--------|--------|--------|
| 2 | 25 | 30 | 27 | 2 | 6.5239 | 13.792 | 7.8 | 0 | 0 | 38.111 | 22.656 |
| 2 | 26 | 13 | 12 | 2 | 6.7468 | 14.184 | 8.355 | 0 | 0 | 39.743 | 23.437 |
| 2 | 27 | 21 | 27 | 2 | 6.671 | 5.6392 | 7.92 | 0 | 0 | 27.883 | 14.686 |
| 2 | 28 | 14 | 7 | 2 | 9.2426 | 5.2854 | 7.4793 | 0 | 0 | 30.105 | 16.772 |
| 2 | 29 | 19 | 18 | 2 | 7.3078 | 5.7433 | 6.2423 | 0 | 0 | 26.33 | 14.924 |
| 2 | 30 | 14 | 13 | 2 | 11.147 | 8.0122 | 11.338 | 0 | 0 | 41.914 | 22.561 |
| 2 | 31 | 5 | 12 | 2 | 2.2653 | 0 | 0 | 0 | 0 | 2.9449 | 2.2653 |
| 2 | 32 | 18 | 34 | 2 | 5.6316 | 2.9362 | 4.155 | 0 | 0 | 17.371 | 9.8143 |
| 2 | 33 | 34 | 32 | 2 | 5.4679 | 2.8053 | 3.9697 | 0 | 0 | 16.71 | 9.4641 |
| 2 | 34 | 32 | 17 | 2 | 3.2863 | 1.06 | 1.5 | 0 | 0 | 7.9002 | 4.7963 |
| 2 | 35 | 34 | 35 | 6 | 4.6726 | 0 | 0 | 0 | 0 | 6.0744 | 4.6726 |
| 2 | 36 | 36 | 15 | 2 | 18.502 | 13.653 | 19.32 | 0 | 0 | 70.781 | 37.951 |
| 6 | 1 | 29 | 28 | 6 | 3.961 | 1.7596 | 2.49 | 0 | 0 | 11.172 | 6.4676 |
| 6 | 2 | 24 | 35 | 6 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 6 | 3 | 35 | 33 | 6 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 6 | 4 | 33 | 23 | 6 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 6 | 5 | 28 | 23 | 6 | 1.0885 | 0.3922 | 0.555 | 0 | 0 | 2.7575 | 1.6472 |
| 6 | 6 | 24 | 29 | 6 | 1.0885 | 0.3922 | 0.555 | 0 | 0 | 2.7575 | 1.6472 |
| 6 | 7 | 33 | 32 | 3 | 4.6726 | 0 | 0 | 0 | 0 | 6.0744 | 4.6726 |
| 3 | 1 | 5 | 6 | 3 | 7.8353 | 14.184 | 8.355 | 0 | 0 | 41.158 | 24.526 |
| 3 | 2 | 6 | 7 | 3 | 7.8353 | 14.184 | 8.355 | 0 | 0 | 41.158 | 24.526 |
| 3 | 3 | 7 | 8 | 3 | 8.1729 | 13.006 | 6.6878 | 0 | 0 | 37.564 | 23.185 |
| 3 | 4 | 8 | 9 | 3 | 11.616 | 15.761 | 10.586 | 0 | 0 | 51.469 | 30.553 |
| 3 | 5 | 9 | 1 | 3 | 2.2653 | 8.4072 | 0.18 | 0 | 0 | 14.144 | 10.727 |
| 3 | 6 | 1 | 2 | 3 | 7.6053 | 13.94 | 8.01 | 0 | 0 | 40.024 | 23.949 |
| 3 | 7 | 2 | 3 | 3 | 7.6053 | 13.94 | 8.01 | 0 | 0 | 40.024 | 23.949 |
| 3 | 8 | 3 | 4 | 3 | 7.6053 | 13.94 | 8.01 | 0 | 0 | 40.024 | 23.949 |
| 3 | 9 | 4 | 11 | 3 | 2.2653 | 8.28 | 0 | 0 | 0 | 13.709 | 10.545 |
| 3 | 10 | 11 | 16 | 3 | 7.4653 | 13.792 | 7.8 | 0 | 0 | 39.335 | 23.597 |
| 3 | 11 | 16 | 22 | 3 | 7.4653 | 13.792 | 7.8 | 0 | 0 | 39.335 | 23.597 |
| 3 | 12 | 22 | 31 | 3 | 7.4653 | 13.792 | 7.8 | 0 | 0 | 39.335 | 23.597 |
| 3 | 13 | 31 | 30 | 3 | 2.2653 | 8.28 | 0 | 0 | 0 | 13.709 | 10.545 |
| 3 | 14 | 27 | 26 | 3 | 6.5066 | 12.276 | 3.77 | 0 | 0 | 30.073 | 19.914 |
| 3 | 15 | 26 | 25 | 3 | 6.3639 | 12.142 | 3.6431 | 0 | 0 | 29.522 | 19.599 |
| 3 | 16 | 25 | 24 | 3 | 6.5066 | 12.276 | 3.77 | 0 | 0 | 30.073 | 19.914 |
| 3 | 17 | 17 | 13 | 3 | 4.1005 | 9.7481 | 2.0775 | 0 | 0 | 21.119 | 14.472 |
| 3 | 18 | 21 | 20 | 3 | 13.388 | 8.8038 | 10.602 | 0 | 0 | 44.752 | 25.372 |
| 3 | 19 | 20 | 19 | 3 | 13.515 | 8.9148 | 10.73 | 0 | 0 | 45.255 | 25.649 |
| 3 | 20 | 10 | 36 | 3 | 13.953 | 10.014 | 14.17 | 0 | 0 | 52.413 | 28.218 |
| 3 | 21 | 11 | 10 | 3 | 7.8407 | 5.6604 | 8.01 | 0 | 0 | 29.566 | 15.904 |
| 3 | 22 | 15 | 21 | 3 | 12.457 | 9.3174 | 13.185 | 0 | 0 | 48.085 | 25.73 |
| 3 | 23 | 10 | 9 | 3 | 9.8306 | 8.1938 | 11.595 | 0 | 0 | 40.824 | 21.503 |
| 3 | 24 | 19 | 14 | 3 | 6.8293 | 4.4043 | 6.2325 | 0 | 0 | 23.952 | 13.103 |
| 3 | 25 | 30 | 27 | 3 | 6.5239 | 13.792 | 7.8 | 0 | 0 | 38.111 | 22.656 |
| 3 | 26 | 13 | 12 | 3 | 6.7468 | 14.184 | 8.355 | 0 | 0 | 39.743 | 23.437 |
| 3 | 27 | 21 | 27 | 3 | 6.671 | 5.6392 | 7.92 | 0 | 0 | 27.883 | 14.686 |
| 3 | 28 | 14 | 7 | 3 | 9.2426 | 5.2854 | 7.4793 | 0 | 0 | 30.105 | 16.772 |
| 3 | 29 | 19 | 18 | 3 | 7.3078 | 5.7433 | 6.2423 | 0 | 0 | 26.33 | 14.924 |
| 3 | 30 | 14 | 13 | 3 | 11.147 | 8.0122 | 11.338 | 0 | 0 | 41.914 | 22.561 |
| 3 | 31 | 5 | 12 | 3 | 2.2653 | 0 | 0 | 0 | 0 | 2.9449 | 2.2653 |
| 3 | 32 | 18 | 34 | 3 | 5.6316 | 2.9362 | 4.155 | 0 | 0 | 17.371 | 9.8143 |
| 3 | 33 | 34 | 32 | 3 | 5.4679 | 2.8053 | 3.9697 | 0 | 0 | 16.71 | 9.4641 |
| 3 | 34 | 32 | 17 | 3 | 3.2863 | 1.06 | 1.5 | 0 | 0 | 7.9002 | 4.7963 |
| 3 | 35 | 34 | 35 | 7 | 4.6726 | 0 | 0 | 0 | 0 | 6.0744 | 4.6726 |
| 3 | 36 | 36 | 15 | 3 | 18.502 | 13.653 | 19.32 | 0 | 0 | 70.781 | 37.951 |
| 7 | 1 | 29 | 28 | 7 | 3.961 | 1.7596 | 2.49 | 0 | 0 | 11.172 | 6.4676 |
| 7 | 2 | 24 | 35 | 7 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 7 | 3 | 35 | 33 | 7 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 7 | 4 | 33 | 23 | 7 | 4.4513 | 1.7596 | 2.49 | 0 | 0 | 11.809 | 6.9579 |
| 7 | 5 | 28 | 23 | 7 | 1.0885 | 0.3922 | 0.555 | 0 | 0 | 2.7575 | 1.6472 |
| 7 | 6 | 24 | 29 | 7 | 1.0885 | 0.3922 | 0.555 | 0 | 0 | 2.7575 | 1.6472 |
| 7 | 7 | 33 | 32 | 4 | 4.6726 | 0 | 0 | 0 | 0 | 6.0744 | 4.6726 |
| 4 | 1 | 5 | 6 | 4 | 13.645 | 5.9042 | 5.57 | 0 | 8.549 | 44.086 | 21.221 |
| 4 | 2 | 6 | 7 | 4 | 13.645 | 5.9042 | 5.57 | 0 | 8.549 | 44.086 | 21.221 |
| 4 | 3 | 7 | 8 | 4 | 13.983 | 4.7261 | 6.6878 | 0 | 8.549 | 44.167 | 20.715 |
| 4 | 4 | 8 | 9 | 4 | 17.426 | 7.4807 | 10.586 | 0 | 8.549 | 56.318 | 28.083 |
| 4 | 5 | 9 | 1 | 4 | 5.9403 | 0.1272 | 0.12 | 0 | 5.6175 | 16.44 | 6.1035 |
| 4 | 6 | 1 | 2 | 4 | 7.6053 | 7.9604 | 5.34 | 0 | 0 | 28.245 | 17.168 |
| 4 | 7 | 2 | 3 | 4 | 7.6053 | 11.007 | 5.34 | 0 | 0 | 32.206 | 20.214 |
| 4 | 8 | 3 | 4 | 4 | 7.6053 | 7.9604 | 5.34 | 0 | 0 | 28.245 | 17.168 |
| 4 | 9 | 4 | 11 | 4 | 5.9403 | 0 | 0 | 0 | 5.6175 | 16.149 | 5.9403 |
| 4 | 10 | 11 | 16 | 4 | 11.14 | 5.512 | 5.2 | 0 | 5.6175 | 35.534 | 18.212 |
| 4 | 11 | 16 | 22 | 4 | 7.4653 | 8.732 | 5.2 | 0 | 0 | 28.857 | 17.757 |

| | | | | | | | | | | | |
|---|----|----|----|---|--------|--------|--------|---|-------|--------|--------|
| 4 | 12 | 22 | 31 | 4 | 7.4653 | 8.732 | 5.2 | 0 | 0 | 28.857 | 17.757 |
| 4 | 13 | 31 | 30 | 4 | 2.2653 | 0 | 0 | 0 | 0 | 2.9449 | 2.2653 |
| 4 | 14 | 27 | 26 | 4 | 8.1866 | 3.9962 | 3.77 | 0 | 2.472 | 23.504 | 13.314 |
| 4 | 15 | 26 | 25 | 4 | 8.0439 | 3.8617 | 3.6431 | 0 | 2.472 | 23.011 | 12.999 |
| 4 | 16 | 25 | 24 | 4 | 8.1866 | 3.9962 | 3.77 | 0 | 2.472 | 23.504 | 13.314 |
| 4 | 17 | 17 | 13 | 4 | 4.1005 | 1.4681 | 2.0775 | 0 | 0 | 10.355 | 6.1918 |
| 4 | 18 | 21 | 20 | 4 | 13.388 | 8.8038 | 10.602 | 0 | 0 | 44.752 | 25.372 |
| 4 | 19 | 20 | 19 | 4 | 13.515 | 8.9148 | 10.73 | 0 | 0 | 45.255 | 25.649 |
| 4 | 20 | 10 | 36 | 4 | 13.953 | 10.014 | 11.57 | 0 | 0 | 48.513 | 27.438 |
| 4 | 21 | 11 | 10 | 4 | 7.8407 | 5.6604 | 5.34 | 0 | 0 | 25.561 | 15.103 |
| 4 | 22 | 15 | 21 | 4 | 12.457 | 9.3174 | 10.585 | 0 | 0 | 44.185 | 24.95 |
| 4 | 23 | 10 | 9 | 4 | 9.8306 | 8.1938 | 8.925 | 0 | 0 | 36.819 | 20.702 |
| 4 | 24 | 19 | 14 | 4 | 6.8293 | 4.4043 | 6.2325 | 0 | 0 | 23.952 | 13.103 |
| 4 | 25 | 30 | 27 | 4 | 6.5239 | 6.892 | 5.2 | 0 | 0 | 25.241 | 14.976 |
| 4 | 26 | 13 | 12 | 4 | 6.7468 | 5.9042 | 5.57 | 0 | 0 | 24.801 | 14.322 |
| 4 | 27 | 21 | 27 | 4 | 6.671 | 5.6392 | 5.32 | 0 | 0 | 23.983 | 13.906 |
| 4 | 28 | 14 | 7 | 4 | 9.2426 | 5.2854 | 7.4193 | 0 | 0 | 30.015 | 16.754 |
| 4 | 29 | 19 | 18 | 4 | 7.3078 | 5.7433 | 6.2423 | 0 | 0 | 26.33 | 14.924 |
| 4 | 30 | 14 | 13 | 4 | 11.147 | 8.0122 | 8.553 | 0 | 0 | 37.736 | 21.725 |
| 4 | 31 | 5 | 12 | 4 | 2.2653 | 2.76 | 0 | 0 | 0 | 6.5329 | 5.0253 |
| 4 | 32 | 18 | 34 | 4 | 5.6316 | 2.9362 | 4.155 | 0 | 0 | 17.371 | 9.8143 |
| 4 | 33 | 34 | 32 | 4 | 5.4679 | 2.8053 | 3.9697 | 0 | 0 | 16.71 | 9.4641 |
| 4 | 34 | 32 | 17 | 4 | 3.2863 | 1.06 | 1.5 | 0 | 0 | 7.9002 | 4.7963 |
| 4 | 35 | 36 | 15 | 4 | 18.502 | 13.653 | 16.72 | 0 | 0 | 66.881 | 37.171 |

Dati riassuntivi per piano

| Piano | z min [m] | z max [m] | Travi elevaz. | Travi Winkler | Pilastri | Eccentr. Sismica | Solai [m²] | Solai bidir. [m²] | Balconi [m²] | Tompagni [m²] | Piastre [m²] | Pareti [m²] |
|-------|-----------|-----------|---------------|---------------|----------|------------------|------------|-------------------|--------------|---------------|--------------|-------------|
| 0 | 0.00 | 0.00 | 0 | 0 | 0 | No | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1 | 3.05 | 3.05 | 37 | 0 | 31 | Sì | 271.23 | 13.60 | 0.00 | 248.76 | 0.00 | 125.81 |
| 5 | 4.85 | 4.85 | 7 | 0 | 4 | No | 5.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 6.65 | 6.65 | 36 | 0 | 31 | Sì | 193.34 | 91.50 | 6.82 | 248.76 | 0.00 | 110.12 |
| 6 | 8.45 | 8.45 | 7 | 0 | 4 | No | 5.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 10.25 | 10.25 | 36 | 0 | 31 | Sì | 193.34 | 91.50 | 0.00 | 248.76 | 0.00 | 110.12 |
| 7 | 12.05 | 12.05 | 7 | 0 | 4 | No | 5.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 13.85 | 13.85 | 35 | 0 | 31 | Sì | 193.34 | 91.50 | 0.00 | 31.47 | 0.00 | 110.12 |
| 9 | 16.25 | 16.25 | 0 | 0 | 11 | No | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | ∞ | -∞ | 0 | 0 | 0 | No | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Parametri di Calcolo

Opzioni di Calcolo

| | |
|------------------------------|---------------------------|
| Calcolo sismico: | Dinamica |
| Calcolo struttura esistente: | Elastica lineare |
| Sisma verticale: | No |
| Somma azioni sismiche: | Inviluppo |
| Combinazione modi: | Quadratica completa (CQC) |
| Effetto P-Δ sisma: | No |
| Azione Vento: | No |

Accelerazioni analisi sismica statica equivalente

| | |
|-----------------------------|------------|
| Calcolo periodi principali: | Autovalori |
| Periodo principale X: | 0.1819 s |
| Periodo principale Y: | 0.12388 s |
| Orizzontamenti: | 4 |
| Acc X SLO [g] | 0.11227 |
| Acc Y SLO [g] | 0.11227 |
| Acc Z SLO [g] | 0.026574 |
| Acc X SLD [g] | 0.094626 |
| Acc Y SLD [g] | 0.094115 |
| Acc Z SLD [g] | 0.025216 |
| Acc X SLV [g] | 0.35052 |
| Acc Y SLV [g] | 0.33536 |
| Acc Z SLV [g] | 0.14749 |

Famiglie combinazioni di carico e verifiche

| N | descrizione | SLU | Deform. | Fessur. | Tens. Eserc. | Spost. Sismici | Gerarch. Resist. | Rotaz. Ultima |
|---|--------------|-----|---------|---------|--------------|----------------|------------------|---------------|
| 1 | Fondamentale | Si | - | - | - | - | - | - |
| 2 | Rara. | - | - | - | No | - | - | - |
| 3 | Frequente | - | - | No | - | - | - | - |
| 4 | Quasi Perm. | - | No | No | No | - | No | - |
| 5 | Permanente | - | - | - | - | - | No | - |
| 6 | Sismica SLO | - | - | - | - | No | - | - |
| 7 | Sismica SLD | Si | - | - | - | No | - | - |
| 8 | Sismica SLV | Si | - | - | - | - | No | No |
| 9 | Sismica SLC | - | - | - | - | - | - | No |

Combinazioni di carico

| | Comb. | Coefficienti Azioni | | | | | | | | | | | | |
|------------|-------|---------------------|--------------|-------|--------|-----------|---------|--------------|---------|--------------|---------------|----------------|--------------|--|
| Fam. comb. | N° | Peso. Prop. | Caric. Perm. | Resid | Affol. | Neve <1km | Sisma X | Ecc.Y Sism.X | Sisma Y | Ecc.X Sism.Y | Classe Durata | Segno Ned Sism | Cmb. Gemella | |
| 1 | 1 | 1.3 | 1.3 | 1.5 | 1.5 | 0.75 | 0 | 0 | 0 | 0 | Media | | | |
| 1 | 2 | 1.3 | 1.3 | 1.05 | 1.05 | 1.5 | 0 | 0 | 0 | 0 | Breve | | | |
| 4 | 1 | 1 | 1 | 0.3 | 0.6 | 0 | 0 | 0 | 0 | 0 | Perm. | | | |
| 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Perm. | | | |
| 7 | 1 | 1 | 1 | 0.3 | 0.6 | 0 | 1 | 1 | 0.3 | 0.3 | Istant. | + | 2 | |
| 7 | 2 | 1 | 1 | 0.3 | 0.6 | 0 | 1 | 1 | 0.3 | 0.3 | Istant. | - | 1 | |
| 7 | 3 | 1 | 1 | 0.3 | 0.6 | 0 | -1 | -1 | -0.3 | -0.3 | Istant. | + | 4 | |
| 7 | 4 | 1 | 1 | 0.3 | 0.6 | 0 | -1 | -1 | -0.3 | -0.3 | Istant. | - | 3 | |
| 7 | 5 | 1 | 1 | 0.3 | 0.6 | 0 | 0.3 | 0.3 | 1 | 1 | Istant. | + | 6 | |
| 7 | 6 | 1 | 1 | 0.3 | 0.6 | 0 | 0.3 | 0.3 | 1 | 1 | Istant. | - | 5 | |
| 7 | 7 | 1 | 1 | 0.3 | 0.6 | 0 | -0.3 | -0.3 | -1 | -1 | Istant. | + | 8 | |
| 7 | 8 | 1 | 1 | 0.3 | 0.6 | 0 | -0.3 | -0.3 | -1 | -1 | Istant. | - | 7 | |
| 8 | 1 | 1 | 1 | 0.3 | 0.6 | 0 | 1 | 1 | 0.3 | 0.3 | Istant. | + | 2 | |
| 8 | 2 | 1 | 1 | 0.3 | 0.6 | 0 | 1 | 1 | 0.3 | 0.3 | Istant. | - | 1 | |
| 8 | 3 | 1 | 1 | 0.3 | 0.6 | 0 | -1 | -1 | -0.3 | -0.3 | Istant. | + | 4 | |
| 8 | 4 | 1 | 1 | 0.3 | 0.6 | 0 | -1 | -1 | -0.3 | -0.3 | Istant. | - | 3 | |
| 8 | 5 | 1 | 1 | 0.3 | 0.6 | 0 | 0.3 | 0.3 | 1 | 1 | Istant. | + | 6 | |
| 8 | 6 | 1 | 1 | 0.3 | 0.6 | 0 | 0.3 | 0.3 | 1 | 1 | Istant. | - | 5 | |
| 8 | 7 | 1 | 1 | 0.3 | 0.6 | 0 | -0.3 | -0.3 | -1 | -1 | Istant. | + | 8 | |
| 8 | 8 | 1 | 1 | 0.3 | 0.6 | 0 | -0.3 | -0.3 | -1 | -1 | Istant. | - | 7 | |

Dettagli calcolo

Dati sismici SLV per piano

| Piano | Massa Cmb. Q. Perm [kg] | Massa sism. [kg] | Sup. balc., solai e piastre[m²] | xG [m] | yG [m] | zG [m] | fx [N] | fy [N] | fx·ey [Nm] | fy·ex [Nm] |
|-------|-------------------------|------------------|---------------------------------|--------|--------|--------|--------|--------|------------|------------|
| 1 | 419752 | 419752 | 284.83 | 4.78 | 13.02 | 2.43 | 475k | 455k | 507k | 442k |
| 5 | 9533 | 9533 | 5.31 | 12.89 | 3.69 | 4.64 | 20.6k | 19.7k | 0 | 0 |
| 2 | 356843 | 356843 | 291.65 | 4.66 | 12.97 | 5.96 | 991k | 948k | 1.06M | 923k |
| 6 | 9533 | 9533 | 5.31 | 12.89 | 3.70 | 8.24 | 36.6k | 35.0k | 0 | 0 |
| 3 | 356875 | 356875 | 284.83 | 4.69 | 13.06 | 9.54 | 1.59M | 1.52M | 1.69M | 1.48M |
| 7 | 9533 | 9533 | 5.31 | 12.89 | 3.70 | 11.84 | 52.6k | 50.3k | 0 | 0 |
| 4 | 306286 | 306286 | 284.83 | 4.55 | 12.84 | 13.08 | 1.87M | 1.79M | 1.99M | 1.74M |
| 9 | 4624 | 4624 | 0.00 | 6.35 | 11.15 | 16.25 | 35.0k | 33.5k | 0 | 0 |
| 8 | 0 | 0 | 0.00 | | | | 0 | 0 | 0 | 0 |

Rigidità per piano

| Piano | esteso | Dim X [m] | Dim Y [m] | x Fy Tot Sup. [m] | y Fx Tot Sup. [m] | x Rig [m] | y Rig [m] | Rig.X [N/m] | Rig.Y [N/m] | Rig Rot [Nm] | r Min [m] | Is [m] | r²/Is² |
|-------|--------|-----------|-----------|-------------------|-------------------|-----------|-----------|-------------|-------------|--------------|-----------|--------|--------|
| 1 | Si | 19.83 | 21.795 | 4.83 | 12.74 | 5.88 | 10.92 | 12.2G | 15.4G | 1.34T | 9.33 | 8.55 | 1.19 |
| 2 | Si | 19.83 | 21.73 | 4.80 | 12.75 | 6.82 | 9.77 | 4.46G | 4.56G | 517G | 10.65 | 9.00 | 1.40 |
| 3 | Si | 19.83 | 21.73 | 4.75 | 12.79 | 7.27 | 9.23 | 3.53G | 3.13G | 369G | 10.23 | 9.01 | 1.29 |
| 4 | Si | 19.83 | 21.73 | 4.58 | 12.81 | 6.95 | 9.66 | 2.02G | 1.85G | 228G | 10.62 | 8.89 | 1.42 |

Effetto P-Δ Sisma

| Sisma SLV | μd | θ | θ ≤ 0.2 | k = 1/(1-θ) | k min | k calc |
|-----------|----|------------|---------|-------------|-------|--------|
| X | 1 | 0.00068267 | Si | 1.0007 | 1 | 1 |
| Y | 1 | 0.00069226 | Si | 1.0007 | 1 | 1 |

Spostamenti di piano

| Piano | Spost.x SLO [m] | Spost.y SLO [m] | Spost.x SLD [m] | Spost.y SLD [m] | Spost.x SLV [m] | Spost.y SLV [m] | Spost.x SLC [m] | Spost.y SLC [m] |
|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 0 | | | 0 | 0 | 0 | 0 | | |
| 1 | | | 0.00019032 | 0.00013721 | 0.00027371 | 0.00019698 | | |

| | | | | | | | |
|---|--|------------|------------|------------|------------|--|--|
| 5 | | 0.00034476 | 0.00034495 | 0.00048815 | 0.00048842 | | |
| 2 | | 0.00067125 | 0.00060509 | 0.00096976 | 0.000873 | | |
| 6 | | 0.00072831 | 0.00084198 | 0.0010348 | 0.0011975 | | |
| 3 | | 0.0011975 | 0.0011535 | 0.001734 | 0.0016676 | | |
| 7 | | 0.001125 | 0.0013789 | 0.0016004 | 0.001964 | | |
| 4 | | 0.0017074 | 0.0016822 | 0.0024743 | 0.0024338 | | |
| 9 | | 0.0021632 | 0.0020253 | 0.0030909 | 0.0029137 | | |
| 8 | | | | | | | |

Gli spostamenti di piano allo SLV sono stati calcolati come al §7.3.3.3 delle NTC18

Taglianti piano SLV

| Piano | Inf X [N] | Inf Y [N] | Sup X [N] | Sup Y [N] |
|-------|-----------|-----------|-----------|-----------|
| 1 | 2.73M | 2.57M | 2.58M | 2.47M |
| 2 | 2.57M | 2.47M | 2.08M | 2.04M |
| 3 | 2.07M | 2.03M | 1.18M | 1.18M |
| 4 | 1.16M | 1.15M | 28.9k | 26.9k |

Modi Trovati

| n | Descrizione | T [s] | sx [%] | sy [%] | sz [%] | rx [%] | ry [%] | rz [%] | Esatto | Scelto | Err.λ | Err.ψ |
|----|--------------------------|----------|------------|------------|------------|------------|------------|------------|--------|--------|-------|------------|
| 1 | 0.182s x31% y26% z0% | 0.1819 | 31.092 | 25.518 | 0.0029208 | 3.887 | 5.6467 | 1.9484 | Si | Si | 0 | 1.4529E-11 |
| 2 | 0.124s x15% y37% z0% | 0.12388 | 15.128 | 36.515 | 0.0012676 | 5.5199 | 2.2764 | 4.4218 | Si | Si | 0 | 3.4313E-12 |
| 3 | 0.115s x22% y2% z0% | 0.115 | 22.056 | 1.8153 | 0.001347 | 0.18154 | 3.8762 | 14.056 | Si | Si | 0 | 4.3661E-12 |
| 4 | 0.073s x0.1% y0% z0% | 0.073185 | 0.064183 | 0.00028235 | 0.00013575 | 0.00071919 | 0.019501 | 0.0004641 | Si | No | 0 | 2.3472E-11 |
| 5 | 0.066s x0% y0% z0% | 0.066088 | 3.0878E-6 | 0.022982 | 0.0014468 | 0.023647 | 0.0010434 | 0.0010105 | Si | No | 0 | 2.8224E-9 |
| 6 | 0.064s x0% y0.2% z0.1% | 0.063683 | 0.00073698 | 0.21624 | 0.063573 | 0.20179 | 0.017938 | 0.00013892 | Si | No | 0 | 3.2299E-8 |
| 7 | 0.063s x0% y0% z0% | 0.063363 | 1.7793E-5 | 0.0015358 | 0.0001033 | 2.3378E-5 | 0.0016621 | 1.8218E-5 | Si | No | 0 | 5.1322E-11 |
| 8 | 0.056s x0% y0.1% z0% | 0.056156 | 0.012662 | 0.14139 | 0.044404 | 0.059576 | 0.018114 | 0.0011181 | Si | No | 0 | 1.207E-11 |
| 9 | 0.055s x0% y0% z7% | 0.054665 | 0.0098268 | 0.00031812 | 6.8705 | 0.059953 | 1.9538 | 4.6465E-5 | Si | No | 0 | 1.8394E-11 |
| 10 | 0.051s x0% y0% z5% | 0.051439 | 0.01369 | 0.012458 | 5.0486 | 6.2279 | 0.95674 | 1.0551E-5 | Si | No | 0 | 7.9562E-12 |
| 11 | 0.051s x0% y0% z0% | 0.050794 | 0.002036 | 0.0078217 | 0.0022423 | 0.00067174 | 0.00034751 | 7.3279E-6 | Si | No | 0 | 2.1697E-11 |
| 12 | 0.05s x0.3% y0.5% z1% | 0.050217 | 0.328 | 0.5077 | 0.96686 | 0.19614 | 0.24112 | 0.024178 | Si | No | 0 | 5.6595E-12 |
| 13 | 0.05s x0.4% y0.1% z1.8% | 0.050183 | 0.44957 | 0.082392 | 1.8236 | 1.9508 | 3.7078 | 0.013013 | Si | No | 0 | 8.5179E-12 |
| 14 | 0.05s x0% y0% z8% | 0.049996 | 0.021148 | 0.006131 | 7.6025 | 0.69101 | 1.5403 | 0.00023499 | Si | No | 0 | 1.8557E-11 |
| 15 | 0.05s x0% y0.1% z0% | 0.049908 | 0.0071244 | 0.095125 | 0.0017939 | 9.2734E-5 | 0.00045401 | 0.0018362 | Si | No | 0 | 1.8444E-11 |
| 16 | 0.05s x0.1% y0.5% z0.4% | 0.049551 | 0.058833 | 0.0097037 | 0.35155 | 0.17542 | 0.17826 | 0.0022467 | Si | No | 0 | 2.6439E-11 |
| 17 | 0.049s x0.3% y0.1% z0.5% | 0.049155 | 0.27221 | 0.13261 | 0.46708 | 0.50444 | 0.45614 | 0.0072547 | Si | No | 0 | 6.1907E-12 |
| 18 | 0.048s x2.6% y0.7% z0.3% | 0.048473 | 2.5781 | 0.7219 | 0.32678 | 0.048573 | 1.458 | 0.13057 | Si | Si | 0 | 1.4678E-12 |
| 19 | 0.048s x0% y0% z0% | 0.048028 | 0.010804 | 0.0063849 | 0.0046151 | 0.49957 | 0.016719 | 0.029878 | Si | No | 0 | 3.9992E-12 |
| 20 | 0.048s x0% y0.2% z0.1% | 0.047876 | 0.021236 | 0.035612 | 0.061183 | 0.043531 | 0.0055908 | 0.00030393 | Si | No | 0 | 1.136E-11 |
| 21 | 0.047s x0.5% y1.3% z0.1% | 0.047279 | 0.45062 | 1.3007 | 0.055951 | 0.2553 | 0.84899 | 0.073378 | Si | Si | 0 | 2.6656E-12 |
| 22 | 0.047s x4.8% y1.7% z0% | 0.046687 | 4.7859 | 1.6913 | 0.040338 | 1.5363 | 1.478 | 0.36427 | Si | Si | 0 | 1.5714E-12 |
| 23 | 0.047s x0.2% y0.1% z0.1% | 0.046602 | 0.21484 | 0.13004 | 0.13492 | 0.057753 | 0.0045898 | 0.0072959 | Si | No | 0 | 1.9269E-12 |
| 24 | 0.046s x0% y0% z0.5% | 0.046202 | 0.017143 | 0.0005879 | 0.50692 | 0.06487 | 0.3126 | 0.01069 | Si | No | 0 | 7.0989E-12 |
| 25 | 0.045s x0.2% y0.1% z0.1% | 0.045023 | 0.18141 | 0.13718 | 0.10973 | 0.00038012 | 0.56537 | 0.023413 | Si | No | 0 | 5.3147E-12 |
| 26 | 0.045s x0.1% y0% z0% | 0.04465 | 0.066404 | 0.040002 | 0.0057554 | 0.018675 | 0.053105 | 0.0088228 | Si | No | 0 | 6.7792E-12 |
| 27 | 0.045s x0.1% y0.5% z0.4% | 0.044555 | 0.10953 | 0.52905 | 0.38105 | 0.61055 | 0.035197 | 0.020716 | Si | No | 0 | 2.6021E-12 |
| 28 | 0.044s x0.1% y0% z3.3% | 0.044347 | 0.061696 | 0.0086797 | 3.3046 | 1.418 | 0.36989 | 0.0059144 | Si | No | 0 | 4.6011E-12 |
| 29 | 0.044s x0.2% y0% z0% | 0.044266 | 0.189 | 0.0015498 | 0.034554 | 0.10502 | 0.26634 | 0.017483 | Si | No | 0 | 4.07E-12 |
| 30 | 0.044s x1.4% y1.1% z0.1% | 0.04374 | 1.3733 | 1.1039 | 0.05706 | 0.039496 | 1.3051 | 0.20046 | Si | Si | 0 | 1.328E-12 |
| 31 | 0.042s x0% y0% z4.3% | 0.042329 | 0.00053972 | 0.0036083 | 4.3122 | 0.47747 | 4.6813 | 0.0050508 | Si | No | 0 | 7.3304E-12 |
| 32 | 0.041s x0% y0.2% z0.3% | 0.041472 | 0.0027284 | 0.24332 | 0.29834 | 0.55349 | 0.0099152 | 0.0096408 | Si | No | 0 | 4.8593E-12 |
| 33 | 0.04s x0% y0.3% z4.5% | 0.040463 | 0.00031081 | 0.2866 | 4.5315 | 2.0287 | 9.6368 | 0.0016976 | Si | No | 0 | 9.0887E-12 |
| 34 | 0.04s x0% y0% z0.9% | 0.039682 | 0.0024651 | 0.0090368 | 0.93908 | 0.6453 | 0.46377 | 0.00132 | Si | No | 0 | 4.5191E-12 |
| 35 | 0.039s x2% y8% z0% | 0.038856 | 1.6448 | 8.1469 | 0.16714 | 4.5515 | 1.0035 | 0.10605 | Si | Si | 0 | 2.1874E-12 |
| 36 | 0.038s x1.5% y2.7% z0.9% | 0.038164 | 1.5008 | 2.659 | 0.88861 | 4.2767 | 1.3757 | 0.18994 | Si | Si | 0 | 3.2333E-12 |
| 37 | 0.038s x0.4% y1.3% z2% | 0.037883 | 0.42329 | 1.3292 | 2.0058 | 2.0969 | 0.0042483 | 0.05163 | Si | Si | 0 | 3.4873E-12 |
| 38 | 0.037s x0.2% y0.8% z0% | 0.036532 | 0.23873 | 0.7717 | 0.00032158 | 0.27579 | 0.12735 | 0.00017103 | Si | No | 0 | 4.0734E-12 |
| 39 | 0.035s x0% y0% z0.4% | 0.035274 | 0.016412 | 0.027187 | 0.40592 | 0.00038686 | 0.29598 | 0.00036423 | Si | No | 0 | 8.3875E-12 |
| 40 | 0.035s x0% y0% z0.1% | 0.034517 | 0.0018164 | 0.02615 | 0.10841 | 0.17793 | 2.5137E-5 | 0.012193 | Si | No | 0 | 5.0543E-12 |
| 41 | 0.033s x1.7% y0% z0.7% | 0.033441 | 1.6748 | 0.036975 | 0.68741 | 1.4134 | 0.43676 | 4.0595 | Si | Si | 0 | 2.7073E-13 |
| 42 | 0.033s x0.8% y0% z0.8% | 0.033304 | 0.78247 | 0.0034938 | 0.83909 | 0.99372 | 3.8984 | 1.5951 | Si | No | 0 | 1.7493E-12 |
| 43 | 0.031s x0% y0.4% z0% | 0.031214 | 0.044125 | 0.37094 | 0.0035106 | 0.11746 | 0.076711 | 0.96976 | Si | No | 0 | 9.172E-13 |
| 44 | 0.03s x0% y0% z0.2% | 0.029584 | 0.019121 | 0.042492 | 0.21546 | 0.0048492 | 0.4212 | 0.068085 | Si | No | 0 | 2.8141E-12 |
| 45 | 0.026s x0% y0.2% z0.3% | 0.026111 | 0.011281 | 0.20018 | 0.28448 | 0.32364 | 0.32582 | 0.0008893 | Si | No | 0 | 5.6385E-12 |
| 46 | 0.026s x0.6% y0.1% z0% | 0.025769 | 0.58455 | 0.056497 | 0.00036933 | 0.042171 | 0.47581 | 0.032484 | Si | No | 0 | 3.4433E-12 |
| 47 | 0.025s x0.1% y0% z1.2% | 0.025475 | 0.1254 | 0.0081337 | 1.2131 | 0.82044 | 0.38265 | 0.0081276 | Si | No | 0 | 3.1789E-12 |
| 48 | 0.025s x1% y1.4% z0% | 0.02527 | 1.0055 | 1.4253 | 0.012263 | 0.10371 | 2.0454 | 0.55758 | Si | Si | 0 | 2.5734E-12 |
| 49 | 0.025s x4.2% y0.3% z1.1% | 0.024931 | 4.2011 | 0.27567 | 1.1397 | 0.0035921 | 5.2936 | 0.029593 | Si | Si | 0 | 8.516E-13 |
| 50 | 0.025s x0.1% y0% z0.4% | 0.02486 | 0.059397 | 4.1442E-5 | 0.42581 | 0.93942 | 1.735 | 0.00055267 | Si | No | 0 | 4.6918E-12 |
| 51 | 0.024s x0% y0% z17% | 0.023814 | 0.15619 | 0.022153 | 16.566 | 8.3396 | 2.8216 | 0.001148 | Si | No | 0 | 1.1628E-12 |
| 52 | 0.024s x0.1% y1.1% z0.1% | 0.023633 | 0.097127 | 1.1249 | 0.056409 | 0.94399 | 0.13033 | 0.00053107 | Si | No | 0 | 4.0524E-12 |
| 53 | 0.023s x0% y0% z9% | 0.022989 | 0.017847 | 0.026111 | 8.5238 | 3.2205 | 16.813 | 0.00063282 | Si | No | 0 | 1.5399E-11 |
| 54 | 0.023s x0% y0% z0% | 0.022713 | 0.010138 | 0.0041796 | 0.01114 | 0.044332 | 0.00033522 | 0.01708 | Si | No | 0 | 2.4656E-12 |
| 55 | 0.022s x0.7% y2% z1.3% | 0.022299 | 0.6902 | 2.0377 | 1.2586 | 8.9242 | 0.0025352 | 1.966E-7 | Si | Si | 0 | 2.6006E-12 |
| 56 | 0.022s x0% y1% z7% | 0.021948 | 0.06466 | 0.55099 | 6.7011 | 11.906 | 1.2493 | 0.035375 | Si | No | 0 | 6.4304E-12 |
| 57 | 0.022s x0.7% y1.4% z0.1% | 0.021615 | 0.72066 | 1.3911 | 0.062267 | 0.53904 | 0.84485 | 0.0034706 | Si | Si | 0 | 4.3621E-12 |
| 58 | 0.021s x0.1% y0% z0% | 0.021294 | 0.12331 | 7.6744E-5 | 0.024731 | 0.13663 | 0.0025536 | 0.32107 | Si | No | 0 | 1.8973E-12 |
| 59 | 0.021s x0% y0.1% z0% | 0.020769 | 0.0025052 | 0.10222 | 0.0016245 | 0.15072 | 0.046541 | 0.19416 | Si | No | 0 | 1.6537E-11 |
| 60 | 0.02s x0.1% y0% z0% | 0.020415 | 0.089435 | 0.0011922 | 0.00040661 | 0.23196 | 0.0094783 | 0.12813 | Si | No | 0 | 3.8166E-10 |

| | | | | | | | | | | | | |
|----|--------------------------|----------|------------|-----------|-----------|-----------|----------|------------|----|----|---|-----------|
| 61 | 0.02s x0% y0.1% z0.1% | 0.020161 | 0.00027971 | 0.077782 | 0.075152 | 0.40837 | 0.013379 | 0.00052948 | Si | No | 0 | 1.3557E-7 |
| 62 | 0.02s x0% y0% z0.1% | 0.02013 | 0.013668 | 0.017337 | 0.058758 | 0.02597 | 0.082098 | 0.00026544 | Si | No | 0 | 1.5983E-7 |
| 63 | 0.02s x0.3% y0.2% z0% | 0.019942 | 0.26822 | 0.24032 | 0.017538 | 0.56266 | 0.073872 | 0.0040775 | Si | No | 0 | 6.3586E-8 |
| 64 | 0.02s x0% y0% z0.6% | 0.019679 | 0.016303 | 0.0035808 | 0.55098 | 0.78686 | 0.2089 | 1.7951E-5 | Si | No | 0 | 1.9851E-6 |
| 65 | 0.019s x0.8% y0.6% z0.5% | 0.019323 | 0.76377 | 0.56201 | 0.51105 | 0.31143 | 0.073584 | 0.012536 | Si | No | 0 | 2.2161E-6 |
| 66 | 0.019s x0.8% y0.9% z0.1% | 0.019264 | 0.80964 | 0.92976 | 0.079226 | 1.2056 | 0.93941 | 0.027149 | Si | No | 0 | 1.8821E-6 |
| 67 | 0.019s x0.2% y0% z0% | 0.018923 | 0.15708 | 0.035722 | 0.0029121 | 0.0035532 | 0.13631 | 1.0442 | Si | No | 0 | 4.774E-6 |
| 68 | 0.018s x0.9% y2.3% z0.1% | 0.018163 | 0.92154 | 2.2887 | 0.10716 | 1.8557 | 1.3419 | 0.049366 | Si | Si | 0 | 5.6333E-6 |

Legenda

- **sx, sy, sz** : Masse partecipanti in percentuale come indicato nella (4.6)
- **Err ψ** = $|K\psi - \lambda M\psi| / |K\psi|$ = errore numerico della soluzione della (4.2)

Riassunto modi

| Descrizione | sx [%] | sy [%] | sz [%] | rx [%] | ry [%] | rz [%] | Err.λ | Err.ψ |
|--------------|--------|--------|--------|--------|--------|--------|-------|-----------|
| Modi scelti | 90.247 | 88.256 | 6.8146 | 35.233 | 29.238 | 26.242 | 0 | 5.6333E-6 |
| Modi trovati | 96.838 | 96.129 | 81.361 | 84.362 | 85.092 | 30.91 | 0 | 5.6333E-6 |

Masse analisi dinamica

| Piano | Dir X [Kg] | Dir Y [Kg] | Dir Z [Kg] |
|--------|------------|------------|------------|
| 0 | 0 | 0 | 0 |
| 1 | 419752 | 419752 | 419752 |
| 5 | 9533.3 | 9533.3 | 9533.3 |
| 2 | 356843 | 356843 | 356843 |
| 6 | 9533.3 | 9533.3 | 9533.3 |
| 3 | 356875 | 356875 | 356875 |
| 7 | 9533.3 | 9533.3 | 9533.3 |
| 4 | 306286 | 306286 | 306286 |
| 9 | 4623.9 | 4623.9 | 4623.9 |
| 8 | 0 | 0 | 0 |
| Totale | 1472981 | 1472981 | 1472981 |

Coefficienti di amplificazione modali p come definiti al §4.1 nella (4.4)

| Modo n° | direzione X | | | | direzione Y | | | | direzione Z | | | |
|---------|-------------|------------|-----------|-----------|-------------|------------|-----------|-----------|-------------|------------|------------|------------|
| | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC |
| 1 | 0.7347 | 0.61925 | 2.2939 | 2.7898 | 0.66559 | 0.56099 | 2.0781 | 2.5274 | 0.0013899 | 0.0013189 | 0.0077142 | 0.010339 |
| 2 | 0.23766 | 0.19923 | 0.70992 | 0.85692 | 0.36924 | 0.30953 | 1.1029 | 1.3313 | 0.00051495 | 0.00048865 | 0.0028581 | 0.0038307 |
| 3 | 0.24251 | 0.20151 | 0.70836 | 0.8552 | 0.069574 | 0.057811 | 0.20322 | 0.24535 | 0.00045748 | 0.00043412 | 0.0025392 | 0.0034032 |
| 18 | 0.009704 | 0.0095893 | 0.029181 | 0.035309 | 0.005135 | 0.0050743 | 0.015442 | 0.018684 | 0.0012428 | 0.0011868 | 0.006899 | 0.0092465 |
| 21 | 0.0038237 | 0.0037951 | 0.011508 | 0.013925 | 0.0064964 | 0.0064478 | 0.019551 | 0.023658 | 0.00048213 | 0.00046272 | 0.0026767 | 0.0035874 |
| 22 | 0.012095 | 0.012031 | 0.036414 | 0.044065 | 0.0071901 | 0.0071518 | 0.021647 | 0.026196 | 0.00039627 | 0.00038129 | 0.0022001 | 0.0029487 |
| 30 | 0.0055544 | 0.0055867 | 0.016756 | 0.02028 | 0.0049799 | 0.0050089 | 0.015023 | 0.018183 | 0.0003985 | 0.00038852 | 0.0022132 | 0.0029661 |
| 35 | 0.0046076 | 0.004725 | 0.01395 | 0.016888 | 0.010255 | 0.010516 | 0.031046 | 0.037586 | 0.00050424 | 0.00050342 | 0.0028022 | 0.0037552 |
| 36 | 0.0042212 | 0.0043411 | 0.012787 | 0.015481 | 0.0056187 | 0.0057783 | 0.01702 | 0.020606 | 0.0011109 | 0.0011131 | 0.0061744 | 0.0082741 |
| 37 | 0.0022037 | 0.0022689 | 0.0066768 | 0.0080836 | 0.0039051 | 0.0040206 | 0.011832 | 0.014325 | 0.0016382 | 0.0016438 | 0.009105 | 0.012201 |
| 41 | 0.0032869 | 0.0034489 | 0.0099943 | 0.012103 | 0.0004884 | 0.00051246 | 0.001485 | 0.0017984 | 0.00070089 | 0.00072074 | 0.003898 | 0.0052232 |
| 48 | 0.0013494 | 0.0014706 | 0.0041331 | 0.005008 | 0.0016066 | 0.0017509 | 0.0049209 | 0.0059625 | 4.6941E-5 | 5.0882E-5 | 0.00026143 | 0.00035025 |
| 49 | 0.0026763 | 0.0029215 | 0.0081997 | 0.0099357 | 0.00068557 | 0.00074837 | 0.0021005 | 0.0025451 | 0.00043795 | 0.00047587 | 0.0024393 | 0.003268 |
| 55 | 0.00084604 | 0.00093583 | 0.0025989 | 0.0031497 | 0.0014537 | 0.001608 | 0.0044654 | 0.0054118 | 0.00035163 | 0.00038968 | 0.0019596 | 0.0026251 |
| 57 | 0.00080684 | 0.00089561 | 0.0024801 | 0.0030059 | 0.001121 | 0.0012443 | 0.0034458 | 0.0041764 | 7.2588E-5 | 8.0875E-5 | 0.00040458 | 0.00054198 |
| 68 | 0.00062237 | 0.00070361 | 0.0019201 | 0.0023278 | 0.00098083 | 0.0011088 | 0.003026 | 0.0036685 | 6.3042E-5 | 7.2284E-5 | 0.00035166 | 0.00047105 |

Accelerazione spettri di progetto [m/s²]

| T [s] | direzione X | | | | direzione Y | | | | direzione Z | | | |
|----------|-------------|---------|--------|--------|-------------|---------|--------|--------|-------------|---------|--------|--------|
| | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC | SLO | SLD | SLV | SLC |
| 0.1819 | 1.2953 | 1.0917 | 4.044 | 4.9184 | 1.2953 | 1.0917 | 4.044 | 4.9184 | 0.25281 | 0.2399 | 1.4032 | 1.8807 |
| 0.12388 | 1.2953 | 1.0858 | 3.8691 | 4.6702 | 1.2953 | 1.0858 | 3.8691 | 4.6702 | 0.30659 | 0.29093 | 1.7016 | 2.2807 |
| 0.115 | 1.2701 | 1.0553 | 3.7098 | 4.4789 | 1.2701 | 1.0553 | 3.7098 | 4.4789 | 0.30659 | 0.29093 | 1.7016 | 2.2807 |
| 0.048473 | 0.8367 | 0.82681 | 2.5161 | 3.0445 | 0.8367 | 0.82681 | 2.5161 | 3.0445 | 0.30099 | 0.28742 | 1.6708 | 2.2393 |
| 0.047279 | 0.82892 | 0.82271 | 2.4946 | 3.0187 | 0.82892 | 0.82271 | 2.4946 | 3.0187 | 0.29661 | 0.28467 | 1.6467 | 2.207 |
| 0.046687 | 0.82507 | 0.82068 | 2.484 | 3.006 | 0.82507 | 0.82068 | 2.484 | 3.006 | 0.29444 | 0.28331 | 1.6348 | 2.191 |
| 0.04374 | 0.80587 | 0.81055 | 2.4311 | 2.9424 | 0.80587 | 0.81055 | 2.4311 | 2.9424 | 0.28364 | 0.27653 | 1.5753 | 2.1112 |
| 0.038856 | 0.77405 | 0.79377 | 2.3435 | 2.8371 | 0.77405 | 0.79377 | 2.3435 | 2.8371 | 0.26574 | 0.2653 | 1.4768 | 1.979 |
| 0.038164 | 0.76955 | 0.7914 | 2.3311 | 2.8222 | 0.76955 | 0.7914 | 2.3311 | 2.8222 | 0.2632 | 0.26371 | 1.4628 | 1.9603 |
| 0.037883 | 0.76772 | 0.79043 | 2.326 | 2.8161 | 0.76772 | 0.79043 | 2.326 | 2.8161 | 0.26217 | 0.26307 | 1.4571 | 1.9527 |
| 0.033441 | 0.73878 | 0.77517 | 2.2463 | 2.7204 | 0.73878 | 0.77517 | 2.2463 | 2.7204 | 0.24589 | 0.25285 | 1.3675 | 1.8324 |
| 0.02527 | 0.68555 | 0.7471 | 2.0997 | 2.5442 | 0.68555 | 0.7471 | 2.0997 | 2.5442 | 0.21593 | 0.23406 | 1.2026 | 1.6112 |
| 0.024931 | 0.68334 | 0.74594 | 2.0936 | 2.5369 | 0.68334 | 0.74594 | 2.0936 | 2.5369 | 0.21469 | 0.23328 | 1.1958 | 1.602 |
| 0.022299 | 0.6662 | 0.7369 | 2.0464 | 2.4801 | 0.6662 | 0.7369 | 2.0464 | 2.4801 | 0.20504 | 0.22723 | 1.1427 | 1.5308 |
| 0.021615 | 0.66174 | 0.73455 | 2.0341 | 2.4654 | 0.66174 | 0.73455 | 2.0341 | 2.4654 | 0.20254 | 0.22566 | 1.1289 | 1.5122 |
| 0.018163 | 0.63925 | 0.72269 | 1.9722 | 2.391 | 0.63925 | 0.72269 | 1.9722 | 2.391 | 0.18988 | 0.21772 | 1.0592 | 1.4188 |

Equilibrio per Piano. Azioni statiche

| Azione | Piano | forze interna piano | | | forze da elementi superiori | | | forze da elementi inferiori | | | reazioni vincolari | | | reazioni elementi winkler | | | equilibrio | | |
|--------|-------|---------------------|--------|--------|-----------------------------|--------|--------|-----------------------------|--------|--------|--------------------|--------|--------|---------------------------|--------|--------|------------|--------|--------|
| | | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---|---|---|---|--------|--------|--------|
| 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | 9 | 0 | 0 | -45.3k | 0 | 0 | 0 | -2.05p | -0.22p | 45.3k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.05p | -0.22p | -0.47n |
| 1 | 4 | 0.91p | 0 | -2.12M | 2.05p | 0.22p | -45.3k | 0.25μ | 0.28μ | 2.16M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.25μ | 0.28μ | -1.96μ |
| 1 | 7 | 1.82p | 0 | -75.6k | 3.61k | -6.28k | -38.7k | -3.61k | 6.28k | 114k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.14n | -0.91p | -0.38n |
| 1 | 3 | -0.91p | 0 | -2.07M | -0.28μ | -0.31μ | -2.24M | 0.40μ | 0.44μ | 4.31M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.12μ | 0.13μ | -1.62μ |
| 1 | 6 | 0.91p | 0 | -75.6k | -29.2 | -4.52k | -153k | 29.2 | 4.52k | 229k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.91p | -19.1p | -0.84n |
| 1 | 2 | 0 | 0 | -2.05M | -0.41μ | -0.46μ | -4.38M | 0.46μ | 0.54μ | 6.43M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49.7n | 87.1n | -1.13μ |
| 1 | 5 | 0.91p | 0 | -75.6k | -4.95k | -4.71k | -263k | 4.95k | 4.71k | 338k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.55p | -14.6p | 0.23n |
| 1 | 1 | 0.91p | 0 | -2.67M | -0.47μ | -0.55μ | -6.51M | 0.51μ | 0.57μ | 9.18M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43.5n | 17.9n | -0.41μ |
| 1 | 0 | 0 | 0 | -128k | -0.51μ | -0.57μ | -9.18M | 0 | 0 | 0 | 0.51μ | 0.57μ | 9.31M | 0 | 0 | 0 | 0 | -12.7p | -0.45p | -1.86n |
| 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | -39.1f | 3.30p | -58.2p | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -39.1f | 3.30p | -58.2p |
| 2 | 4 | 0 | 0 | -685k | 39.1f | -3.30p | 58.2p | 46.3n | 0.67μ | 685k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46.3n | 0.67μ | -0.65μ |
| 2 | 7 | 0 | 0 | -12.6k | -327 | -7.46k | -10.5k | 327 | 7.46k | 23.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.4p | -12.7p | -0.25n |
| 2 | 3 | 0 | 0 | -1.18M | -51.3n | -0.74μ | -697k | 63.4n | 1.05μ | 1.88M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0n | 0.31μ | -0.55μ |
| 2 | 6 | 0 | 0 | -12.6k | -1.99k | -9.15k | -52.5k | 1.99k | 9.15k | 65.0k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -9.55p | 1.82p | 0.13n |
| 2 | 2 | 0 | 0 | -1.19M | -63.6n | -1.08μ | -1.89M | 75.0n | 1.24μ | 3.08M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.4n | 0.16μ | -0.38μ |
| 2 | 5 | 0 | 0 | -12.6k | -2.85k | -7.75k | -92.7k | 2.85k | 7.75k | 105k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.09p | -5.46p | -29.1p |
| 2 | 1 | 0 | 0 | -1.19M | -78.4n | -1.25μ | -3.10M | 96.6n | 1.26μ | 4.28M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18.3n | 15.2n | -0.14μ |
| 2 | 0 | 0 | 0 | 0 | -96.6n | -1.26μ | -4.28M | 0 | 0 | 0 | 96.6n | 1.26μ | 4.28M | 0 | 0 | 0 | 0 | -0.45p | 0.91p | 0 |
| 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0.40p | -4.75p | 25.5p | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.40p | -4.75p | 25.5p |
| 3 | 4 | 0 | 0 | -669k | -0.40p | 4.75p | -25.5p | 0.39μ | 0.12μ | 669k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.39μ | 0.12μ | -0.49μ |
| 3 | 7 | 0 | 0 | -17.8k | 1.41k | -4.84k | -9.71k | -1.41k | 4.84k | 27.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.50p | 5.46p | 10.9p |
| 3 | 3 | 0 | 0 | -825k | -0.44μ | -0.13μ | -687k | 0.63μ | 0.19μ | 1.51M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.19μ | 58.8n | -0.40μ |
| 3 | 6 | 0 | 0 | -17.8k | 1.77k | -3.51k | -38.7k | -1.77k | 3.51k | 56.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.23p | 5.46p | 14.6p |
| 3 | 2 | 0 | 0 | -825k | -0.65μ | -0.20μ | -1.53M | 0.72μ | 0.23μ | 2.36M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72.4n | 28.5n | -0.29μ |
| 3 | 5 | 0 | 0 | -17.8k | 187 | -3.11k | -66.8k | -187 | 3.11k | 84.6k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3.87p | 0.45p | -72.8p |
| 3 | 1 | 0 | 0 | -868k | -0.73μ | -0.23μ | -2.37M | 0.77μ | 0.24μ | 3.24M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38.5n | 5.94n | -0.11μ |
| 3 | 0 | 0 | 0 | 0 | -0.77μ | -0.24μ | -3.24M | 0 | 0 | 0 | 0.77μ | 0.24μ | 3.24M | 0 | 0 | 0 | 0 | 11.6p | -2.73p | -0.93n |
| 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 37.3f | 32.9f | 58.6f | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.3f | 32.9f | 58.6f |
| 5 | 4 | 0 | 0 | 0 | -37.3f | -32.9f | -58.6f | -3.02n | 25.6n | -5.05n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3.02n | 25.6n | -5.05n |
| 5 | 7 | 0 | 0 | 0 | -88.7 | -21.0 | 34.7 | 88.7 | 21.0 | -34.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.90p | 0.91p | 0.16p |
| 5 | 3 | 0 | 0 | 0 | 3.40n | -28.6n | 5.73n | -8.13n | 41.7n | -11.0n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4.73n | 13.1n | -5.26n |
| 5 | 6 | 0 | 0 | 0 | -107 | -3.92 | 116 | 107 | 3.92 | -116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.71p | 0.33p | 0.20p |
| 5 | 2 | 0 | 0 | -20.5k | 8.54n | -42.9n | 11.7n | -8.90n | 48.6n | 20.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.35n | 5.67n | -3.73n |
| 5 | 5 | 0 | 0 | 0 | -64.8 | -13.1 | 187 | 64.8 | 13.1 | -187 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.23p | 0.24p | -28.4f |
| 5 | 1 | 0 | 0 | 0 | 8.97n | -48.8n | -20.5k | -9.23n | 49.3n | 20.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.25n | 0.49n | -1.06n |
| 5 | 0 | 0 | 0 | 0 | 9.23n | -49.3n | -20.5k | 0 | 0 | 0 | -9.23n | 49.3n | 20.5k | 0 | 0 | 0 | 0 | 0.29p | 0.55p | 7.28p |
| 13 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | -0.76p | -0.43p | 6.25p | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.76p | -0.43p | 6.25p |
| 13 | 4 | 0 | 0 | -232k | 0.76p | 0.43p | -6.25p | -29.1n | 0.19μ | 232k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -29.1n | 0.19μ | -67.4n |
| 13 | 7 | 0 | 0 | 0 | -1.76k | -1.89k | -5.10k | 1.76k | 1.89k | 5.10k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.50p | 6.14p | -6.37p |
| 13 | 3 | 0 | 0 | 0 | 32.4n | -0.21μ | -232k | -55.6n | 0.28μ | 232k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -23.2n | 75.3n | -49.3n |
| 13 | 6 | 0 | 0 | 0 | -659 | -19.9 | -4.12k | 659 | 19.9 | 4.12k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.50p | -1.34p | 11.8p |
| 13 | 2 | 0 | 0 | -7.69k | 57.2n | -0.29μ | -232k | -61.5n | 0.32μ | 240k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4.32n | 33.0n | -27.9n |
| 13 | 5 | 0 | 0 | 0 | -421 | -231 | -3.71k | 421 | 231 | 3.71k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.80p | 0 | 1.36p |
| 13 | 1 | 0 | 0 | 0 | 62.1n | -0.33μ | -240k | -63.8n | 0.33μ | 240k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1.77n | 2.37n | -7.77n |
| 13 | 0 | 0 | 0 | 0 | 63.9n | -0.33μ | -240k | 0 | 0 | 0 | -63.9n | 0.33μ | 240k | 0 | 0 | 0 | 0 | 0.62p | -1.98p | -29.1p |
| 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 9 | 99.9k | 0 | 0 | 0 | 0 | 0 | -99.9k | -17.4p | -0.31n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.25n | -17.4p | -0.31n |
| 16 | 4 | 5.33M | 0 | 0 | 99.9k | 17.4p | 0.31n | -5.43M | 68.5μ | 1.21μ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.18m | 68.5μ | 1.21μ |
| 16 | 7 | 150k | 0 | 0 | 138k | 76.9k | -54.4k | -288k | -76.9k | 54.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.63n | 0.22n | -0.23n |
| 16 | 3 | 4.52M | 0 | 0 | 5.58M | -76.3μ | -1.46μ | -10.1M | 0.11m | 2.82μ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.11m | 32.9μ | 1.36μ |
| 16 | 6 | 104k | 0 | 0 | 187k | 61.6k | -244k | -291k | -61.6k | 244k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.84n | -0.65n | 0.23n |
| 16 | 2 | 2.83M | 0 | 0 | 10.2M | -0.11m | -3.04μ | -13.0M | 0.13m | 4.01μ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46.5μ | 18.9μ | 0.98μ |
| 16 | 5 | 58.8k | 0 | 0 | 241k | 45.9k | -461k | -300k | -45.9k | 461k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.96n | -0.63n | -58.2p |
| 16 | 1 | 1.36M | 0 | 0 | 13.1M | -0.13m | -4.05μ | -14.4M | 0.13m | 4.13μ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.4μ | 2.16μ | 77.2n |
| 16 | 0 | 0 | 0 | 0 | 14.4M | -0.13m | -4.14μ | 0 | 0 | 0 | -14.4M | 0.13m | 4.14μ | 0 | 0 | 0 | 0 | -9.31n | 0.62n | -1.22n |
| 17 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 20.5p | 0.45p | -1.71p | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.5p | 0.45p | -1.71p |
| 17 | 4 | -3.99n | 0 | 0 | -20.5p | -0.45p | 1.71p | -7.04μ | -5.28μ | 2.18n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7.05μ | -5.28μ | 2.18n |
| 17 | 7 | 0 | 0 | 0 | 15.2k | 9.22k | -5.12k | -15.2k | -9.22k | 5.12k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.17n | -0.54n | -81.9p |
| 17 | 3 | -1.86n | 0 | 0 | 7.85μ | 5.89μ | 0.47n | -11.5μ | -8.65μ | 13.6n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3.64μ | -2.76μ | 14.1n |
| 17 | 6 | 0 | 0 | 0 | 17.4k | 9.31k | -17.1k | -17.4k | -9.31k | 17.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.16n | -0.27n | 18.2p |
| 17 | 2 | 2.07n | 0 | 0 | 11.9μ | 8.94μ | -12.7n | -13.6μ | -10.6μ | 26.9n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1.73μ | -1.62μ | 14.2n |
| 17 | 5 | 0 | 0 | 0 | 19.0k | 10.9k | -30.7k | -19.0k | -10.9k | 30.7k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54.6p | -0.25n | -47.3p |
| 17 | 1 | -0.65n | 0 | 0 | 13.7μ | 10.6μ | -22.5n | -14.2μ | -10.8μ | 43.0n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.46μ | -0.18μ | 20.5n |
| 17 | 0 | 0 | 0 | 0 | 14.2μ | 10.8μ | -42.6n | 0 | 0 | 0 | -14.2μ | -10.8μ | 42.5n | 0 | 0 | 0 | 0 | 0.15n | -66.8p | -76.4p |
| 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 9 | 0 | 99.9k | 0 | 0 | 0 | 0 | 61.0p | -99.9k | 0.72n | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61.0p | -0.25n | 0.72n |
| 18 | 4 | 0 | 5.33M | 0 | -61.0p | 99.9k | -0.72n | 67.3μ | -5.43M | 0.39μ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67.3μ | 0.17m | 0.39μ |
| 18 | 7 | 0 | 150k | 0 | 82.0k | 140k | -9.26k | -82.0k | -290k | 9.26k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -72.8p | -3.38n | 0.96n |
| 18 | 3 | 0 | 4.52M | 0 | -74.8μ | 5.58M | -0.51μ | 0.11m | -10.1M | 0.21μ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.6μ | 91.3μ | -0 |

| | | | | | | | | | | | | | | | | | | | |
|----|---|---|--------|---|--------|--------|--------|--------|--------|-------|--------|--------|-------|---|---|---|--------|--------|--------|
| 19 | 4 | 0 | 2.25n | 0 | -31.4p | -9.55p | -54.7p | -6.56μ | -4.89μ | 6.29n | 0 | 0 | 0 | 0 | 0 | 0 | -6.56μ | -4.89μ | 6.23n |
| 19 | 7 | 0 | 0 | 0 | 14.0k | 8.60k | -4.69k | -14.0k | -8.60k | 4.69k | 0 | 0 | 0 | 0 | 0 | 0 | -0.19n | -0.50n | -0.14n |
| 19 | 3 | 0 | 1.07n | 0 | 7.31μ | 5.46μ | -8.33n | -10.6μ | -8.00μ | 11.7n | 0 | 0 | 0 | 0 | 0 | 0 | -3.29μ | -2.54μ | 3.37n |
| 19 | 6 | 0 | 0 | 0 | 16.0k | 8.60k | -15.7k | -16.0k | -8.60k | 15.7k | 0 | 0 | 0 | 0 | 0 | 0 | 56.4p | -0.36n | 30.9p |
| 19 | 2 | 0 | -0.42n | 0 | 11.0μ | 8.27μ | -12.2n | -12.6μ | -9.75μ | 26.5n | 0 | 0 | 0 | 0 | 0 | 0 | -1.61μ | -1.47μ | 14.2n |
| 19 | 5 | 0 | 0 | 0 | 17.3k | 10.0k | -28.1k | -17.3k | -10.0k | 28.1k | 0 | 0 | 0 | 0 | 0 | 0 | 43.7p | -0.15n | -14.6p |
| 19 | 1 | 0 | 97.8p | 0 | 12.7μ | 9.83μ | -22.7n | -13.1μ | -10.0μ | 39.6n | 0 | 0 | 0 | 0 | 0 | 0 | -0.41μ | -0.17μ | 16.9n |
| 19 | 0 | 0 | 0 | 0 | 13.1μ | 10.0μ | -39.3n | 0 | 0 | 0 | -13.1μ | -10.0μ | 39.3n | 0 | 0 | 0 | 4.32p | 34.3p | -40.0p |

Legenda

- **Forze interne piano:** Forze applicate sulle travi completamente interne al piano e sui nodi del piano.
- **Forze da beams superiori:** Forze agenti sul piano esercitate da beams che hanno almeno un nodo appartenente ad un piano superiore.
- **Forze da beams inferiori:** Forze agenti sul piano esercitate da beams che hanno almeno un nodo appartenente ad un piano inferiore.
- **Reazioni vincolari:** Forze agenti sul piano esercitate dalle reazioni vincolari dei nodi appartenenti al piano.
- **Reazioni vincolari:** Forze agenti sul piano esercitate dalle reazioni del terreno delle travi di winkler.
- **Equilibrio:** Somma di tutte le forze precedenti.

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g

Ripartizione forze sismiche

| Azione | Piano | Sisma | tagliante di piano [N] | pilastrini inf. [%] | travi interpiano inf. [%] | pareti inf. [%] | piastre interpiano inf. [%] | reazioni vincolari [%] | reazioni beam wink [%] |
|--------|-------|-------|------------------------|---------------------|---------------------------|-----------------|-----------------------------|------------------------|------------------------|
| 16 | 0 | X | 14.4M | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 |
| 18 | 0 | Y | 14.4M | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 |
| 16 | 1 | X | 14.4M | 8.9 | 0.0 | 91.1 | 0.0 | 0.0 | 0.0 |
| 18 | 1 | Y | 14.4M | 5.5 | 0.0 | 94.5 | 0.0 | 0.0 | 0.0 |
| 16 | 5 | X | 300k | 7.5 | 92.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18 | 5 | Y | 231k | 66.0 | 34.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 2 | X | 13.0M | 6.5 | 1.7 | 91.7 | 0.0 | 0.0 | 0.0 |
| 18 | 2 | Y | 13.0M | 8.0 | 0.8 | 91.2 | 0.0 | 0.0 | 0.0 |
| 16 | 6 | X | 291k | 7.2 | 92.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18 | 6 | Y | 250k | 59.8 | 40.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 3 | X | 10.1M | 7.5 | 1.9 | 90.6 | 0.0 | 0.0 | 0.0 |
| 18 | 3 | Y | 10.1M | 11.9 | 1.0 | 87.1 | 0.0 | 0.0 | 0.0 |
| 16 | 7 | X | 288k | 13.1 | 86.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18 | 7 | Y | 290k | 66.4 | 33.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 4 | X | 5.43M | 14.7 | 2.7 | 82.6 | 0.0 | 0.0 | 0.0 |
| 18 | 4 | Y | 5.43M | 22.4 | 1.4 | 76.2 | 0.0 | 0.0 | 0.0 |
| 16 | 9 | X | 99.9k | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18 | 9 | Y | 99.9k | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 8 | X | 0 | | | | | | |
| 18 | 8 | Y | 0 | | | | | | |

Le forze per le azioni sismiche sono calcolate per l'accelerazione orizzontale di 1g.

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Equilibrio per Piano. Azioni Modali

| Modo | Piano | forze interne piano | | | forze da elementi superiori | | | forze da elementi inferiori | | | reazioni vincolari | | | reazioni elementi winkler | | | equilibrio | | |
|------|-------|---------------------|--------|--------|-----------------------------|--------|--------|-----------------------------|--------|--------|--------------------|--------|--------|---------------------------|--------|--------|------------|--------|--------|
| | | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] | Fx [N] | Fy [N] | Fz [N] |
| 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 9 | -5.73k | -5.70k | 43.7 | 0 | 0 | 0 | 5.73k | 5.70k | -43.7 | 0 | 0 | 0 | 0 | 0 | 0 | -10.9p | -19.1p | -41.2p |
| 1 | 4 | -345k | -328k | 2.07k | -5.73k | -5.70k | 43.7 | 351k | 333k | -2.11k | 0 | 0 | 0 | 0 | 0 | 0 | -16.3μ | -15.7μ | -0.10μ |
| 1 | 7 | -4.68k | -4.65k | 284 | -11.3k | -12.0k | 3.28k | 16.0k | 16.6k | -3.56k | 0 | 0 | 0 | 0 | 0 | 0 | -0.24n | 0.11n | -55.5p |
| 1 | 3 | -273k | -247k | 1.87k | -355k | -338k | 2.39k | 628k | 585k | -4.26k | 0 | 0 | 0 | 0 | 0 | 0 | -11.1μ | -10.9μ | -81.5n |
| 1 | 6 | -2.92k | -2.62k | 269 | -13.7k | -11.6k | 14.1k | 16.6k | 14.2k | -14.4k | 0 | 0 | 0 | 0 | 0 | 0 | -0.21n | 0.22n | 0.17n |
| 1 | 2 | -138k | -118k | 2.32k | -631k | -588k | 4.53k | 769k | 705k | -6.85k | 0 | 0 | 0 | 0 | 0 | 0 | -4.24μ | -4.50μ | -31.4n |
| 1 | 5 | -1.26k | -915 | 217 | -13.7k | -10.9k | 25.7k | 15.0k | 11.8k | -25.9k | 0 | 0 | 0 | 0 | 0 | 0 | -0.19n | 41.8p | -32.7p |
| 1 | 1 | -37.0k | -25.3k | 757 | -770k | -706k | 7.07k | 807k | 731k | -7.83k | 0 | 0 | 0 | 0 | 0 | 0 | -1.15μ | -0.65μ | -10.3n |
| 1 | 0 | 0 | 0 | 0 | -807k | -731k | 7.83k | 0 | 0 | 0 | 807k | 731k | -7.83k | 0 | 0 | 0 | 0 | -0.12n | 72.8p |
| 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 9 | -7.20k | 18.5k | 455 | 0 | 0 | 0 | 7.20k | -18.5k | -455 | 0 | 0 | 0 | 0 | 0 | 0 | 42.7p | -10.9p | 0.13n |
| 2 | 4 | -476k | 774k | 415 | -7.20k | 18.5k | 455 | 483k | -793k | -870 | 0 | 0 | 0 | 0 | 0 | 0 | -11.0μ | 14.2μ | -54.7n |
| 2 | 7 | 694 | 35.3k | 263 | 5.37k | 16.7k | 813 | -6.06k | -52.0k | -1.08k | 0 | 0 | 0 | 0 | 0 | 0 | -0.30n | -0.93n | 12.7p |
| 2 | 3 | -420k | 629k | -3.30k | -483k | 828k | 1.13k | 902k | -1.46M | 2.17k | 0 | 0 | 0 | 0 | 0 | 0 | -8.74μ | 8.66μ | -0.15μ |
| 2 | 6 | -293 | 21.7k | 288 | 5.14k | 19.1k | 2.37k | -4.85k | -40.8k | -2.66k | 0 | 0 | 0 | 0 | 0 | 0 | -0.18n | -1.48n | 49.6p |
| 2 | 2 | -242k | 321k | -5.29k | -902k | 1.48M | -1.88k | 1.14M | -1.80M | 7.17k | 0 | 0 | 0 | 0 | 0 | 0 | -3.47μ | 5.27μ | -51.1n |
| 2 | 5 | -277 | 8.65k | 369 | -1.37k | 28.6k | 6.57k | 1.65k | -37.2k | -6.93k | 0 | 0 | 0 | 0 | 0 | 0 | -7.14p | -0.22n | -40.0p |
| 2 | 1 | -69.4k | 78.8k | -4.32k | -1.14M | 1.81M | -6.80k | 1.21M | -1.89M | 11.1k | 0 | 0 | 0 | 0 | 0 | 0 | -0.94μ | 0.68μ | 29.0n |
| 2 | 0 | 0 | 0 | 0 | -1.21M | 1.89M | -11.1k | 0 | 0 | 0 | 1.21M | -1.89M | 11.1k | 0 | 0 | 0 | 0.47n | -0.70n | -0.16n |
| 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 9 | -17.2k | 1.12k | 1.15k | 0 | 0 | 0 | 17.2k | -1.12k | -1.15k | 0 | 0 | 0 | 0 | 0 | 0 | -3.64p | -9.09p | 26.1p |
| 3 | 4 | -636k | 232k | -2.75k | -17.2k | 1.12k | 1.15k | 653k | -234k | 1.60k | 0 | 0 | 0 | 0 | 0 | 0 | -8.26μ | 6.67μ | -0.19μ |
| 3 | 7 | -46.7k | -20.0k | 3.18k | -24.3k | -10.1k | 12.2k | 71.0k | 30.0k | -15.4k | 0 | 0 | 0 | 0 | 0 | 0 | -0.17n | 0.60n | 0.21n |
| 3 | 3 | -525k | 180k | -5.58k | -700k | 214k | 1.58k | 1.22M | -394k | 4.00k | 0 | 0 | 0 | 0 | 0 | 0 | -7.20μ | 3.75μ | -0.18μ |
| 3 | 6 | -30.7k | -12.2k | 3.02k | -36.4k | -7.54k | 59.1k | 67.1k | 19.7k | -62.1k | 0 | 0 | 0 | 0 | 0 | 0 | -1.38n | 0.87n | -0.13n |
| 3 | 2 | -325k | 95.3k | -10.4k | -1.26M | 382k | -982 | 1.58M | -477k | 11.4k | 0 | 0 | 0 | 0 | 0 | 0 | -3.03μ | 2.20μ | -0.11μ |

| | | | | | | | | | | | | | | | | | | | |
|----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|---|---|--------|--------|--------|
| 3 | 5 | -14.7k | -6.03k | 2.62k | -51.5k | -11.7k | 110k | 66.2k | 17.7k | -113k | 0 | 0 | 0 | 0 | 0 | 0 | -0.83n | 0.16n | -0.13n |
| 3 | 1 | -106k | 17.1k | -4.55k | -1.60M | 471k | -8.75k | 1.70M | -488k | 13.3k | 0 | 0 | 0 | 0 | 0 | 0 | -0.98μ | 0.43μ | -30.2n |
| 3 | 0 | 0 | 0 | 0 | -1.70M | 488k | -13.3k | 0 | 0 | 0 | 1.70M | -488k | 13.3k | 0 | 0 | 0 | -0.70n | -0.17n | 0.12n |
| 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 9 | -552k | -12.8k | -18.9k | 0 | 0 | 0 | 552k | 12.8k | 18.9k | 0 | 0 | 0 | 0 | 0 | 0 | -0.12n | 1.82p | -0.95n |
| 18 | 4 | -1.30M | -725k | -338k | -552k | -12.8k | -18.9k | 1.85M | 738k | 356k | 0 | 0 | 0 | 0 | 0 | 0 | -2.03μ | -1.70μ | -0.20μ |
| 18 | 7 | -8.88k | -7.90k | 16.3k | -34.6k | -9.07k | 22.9k | 43.5k | 17.0k | -39.2k | 0 | 0 | 0 | 0 | 0 | 0 | -7.28p | 36.4p | -0.16n |
| 18 | 3 | 1.51M | 719k | -383k | -1.86M | -746k | -340k | 347k | 27.4k | 723k | 0 | 0 | 0 | 0 | 0 | 0 | 5.36μ | 3.02μ | -0.13μ |
| 18 | 6 | 37.9k | 11.2k | 9.65k | -33.3k | -9.56k | 77.5k | -4.62k | -1.61k | -87.2k | 0 | 0 | 0 | 0 | 0 | 0 | 0.18n | -79.1p | 29.1p |
| 18 | 2 | 2.42M | 1.23M | -276k | -309k | -16.2k | -713k | -2.12M | -1.21M | 989k | 0 | 0 | 0 | 0 | 0 | 0 | 6.01μ | 3.37μ | -72.5n |
| 18 | 5 | 33.9k | 9.25k | 1.99k | -1.61k | 127 | 91.2k | -32.3k | -9.38k | -93.2k | 0 | 0 | 0 | 0 | 0 | 0 | 0.24n | -41.8p | 43.7p |
| 18 | 1 | 1.12M | 509k | -178k | 2.15M | 1.22M | -987k | -3.27M | -1.73M | 1.17M | 0 | 0 | 0 | 0 | 0 | 0 | 2.54μ | 0.95μ | -15.6n |
| 18 | 0 | 0 | 0 | 0 | 3.27M | 1.73M | -1.17M | 0 | 0 | 0 | -3.27M | -1.73M | 1.17M | 0 | 0 | 0 | 0 | 0 | -0.23n |
| 21 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 9 | -42.4k | 332k | -24.7k | 0 | 0 | 0 | 42.4k | -332k | 24.7k | 0 | 0 | 0 | 0 | 0 | 0 | -36.4p | -0.23n | -0.48n |
| 21 | 4 | 875k | 699k | -295k | -42.4k | 332k | -24.7k | -833k | -1.03M | 320k | 0 | 0 | 0 | 0 | 0 | 0 | 1.68μ | 1.21μ | 0.18μ |
| 21 | 7 | -1.37k | -2.96k | -3.82k | 6.71k | 12.2k | -2.40k | -5.34k | -9.24k | 6.22k | 0 | 0 | 0 | 0 | 0 | 0 | 2.73p | 30.9p | -13.6p |
| 21 | 3 | -619k | -1.08M | -196k | 832k | 1.03M | -324k | -213k | 54.0k | 520k | 0 | 0 | 0 | 0 | 0 | 0 | -2.36μ | -3.71μ | 95.5n |
| 21 | 6 | -11.0k | -32.2k | -3.33k | 14.6k | 16.0k | -18.9k | -3.67k | 16.1k | 22.2k | 0 | 0 | 0 | 0 | 0 | 0 | -18.6p | 0.27n | -80.0p |
| 21 | 2 | -1.15M | -1.62M | -75.8k | 202k | -86.2k | -523k | 948k | 1.71M | 599k | 0 | 0 | 0 | 0 | 0 | 0 | -2.71μ | -4.36μ | 88.6n |
| 21 | 5 | -9.89k | -23.6k | -657 | -1.03k | 987 | -26.7k | 10.9k | 22.7k | 27.3k | 0 | 0 | 0 | 0 | 0 | 0 | -0.14n | 0.11n | 40.0p |
| 21 | 1 | -481k | -713k | 92.7k | -958k | -1.73M | -600k | 1.44M | 2.44M | 507k | 0 | 0 | 0 | 0 | 0 | 0 | -1.03μ | -1.31μ | -0.10μ |
| 21 | 0 | 0 | 0 | 0 | -1.44M | -2.44M | -507k | 0 | 0 | 0 | 1.44M | 2.44M | 507k | 0 | 0 | 0 | -0.70n | 0.93n | 0.29n |
| 22 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 9 | 24.9k | 169k | -2.66k | 0 | 0 | 0 | -24.9k | -169k | 2.66k | 0 | 0 | 0 | 0 | 0 | 0 | -25.5p | 29.1p | 0.56n |
| 22 | 4 | -2.57M | -1.35M | 81.0k | 24.9k | 169k | -2.66k | 2.54M | 1.18M | -78.4k | 0 | 0 | 0 | 0 | 0 | 0 | -4.59μ | -3.13μ | 0.11μ |
| 22 | 7 | -16.5k | -8.37k | 5.34k | -6.31k | -6.35k | 5.08k | 22.8k | 14.7k | -10.4k | 0 | 0 | 0 | 0 | 0 | 0 | 43.7p | 23.6p | 0.17n |
| 22 | 3 | 1.81M | 1.09M | 152k | -2.56M | -1.19M | 83.7k | 743k | 99.3k | -236k | 0 | 0 | 0 | 0 | 0 | 0 | 7.10μ | 4.58μ | 0.10μ |
| 22 | 6 | 50.2k | 18.2k | 1.57k | -29.0k | -12.4k | 33.4k | -21.2k | -5.83k | -34.9k | 0 | 0 | 0 | 0 | 0 | 0 | 0.27n | -92.8p | -72.8p |
| 22 | 2 | 3.64M | 2.06M | 108k | -693k | -81.1k | 238k | -2.95M | -1.98M | -346k | 0 | 0 | 0 | 0 | 0 | 0 | 8.92μ | 5.27μ | 72.6n |
| 22 | 5 | 55.2k | 18.0k | -5.16k | 1.56k | 1.71k | 26.4k | -56.8k | -19.7k | -21.2k | 0 | 0 | 0 | 0 | 0 | 0 | 0.35n | -0.16n | -83.7p |
| 22 | 1 | 1.81M | 861k | 101k | 3.00M | 2.00M | 341k | -4.81M | -2.86M | -441k | 0 | 0 | 0 | 0 | 0 | 0 | 3.47μ | 1.63μ | -6.05n |
| 22 | 0 | 0 | 0 | 0 | 4.81M | 2.86M | 441k | 0 | 0 | 0 | -4.81M | -2.86M | -441k | 0 | 0 | 0 | 0 | 0 | 0.29n |
| 30 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 9 | 506k | 264k | 9.71k | 0 | 0 | 0 | -506k | -264k | -9.71k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.22n |
| 30 | 4 | -1.99M | -1.34M | 229k | 506k | 264k | 9.71k | 1.48M | 1.08M | -239k | 0 | 0 | 0 | 0 | 0 | 0 | -3.65μ | -2.82μ | -44.4n |
| 30 | 7 | -18.1k | -11.2k | 12.4k | -6.22k | -5.92k | 10.1k | 24.3k | 17.1k | -22.5k | 0 | 0 | 0 | 0 | 0 | 0 | -47.3p | 0 | 0.18n |
| 30 | 3 | 820k | 866k | 210k | -1.50M | -1.09M | 251k | 683k | 225k | -461k | 0 | 0 | 0 | 0 | 0 | 0 | 3.39μ | 3.26μ | 17.3n |
| 30 | 6 | 28.1k | 29.8k | 9.20k | -27.1k | -16.9k | 52.3k | -982 | -12.9k | -61.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0.15n | -0.27n | 36.4p |
| 30 | 2 | 2.36M | 1.92M | 114k | -654k | -195k | 470k | -1.70M | -1.73M | -584k | 0 | 0 | 0 | 0 | 0 | 0 | 4.54μ | 4.60μ | -7.45n |
| 30 | 5 | 33.8k | 25.6k | 1.73k | -4.15k | -2.85k | 69.7k | -29.7k | -22.8k | -71.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0.28n | -0.12n | -29.1p |
| 30 | 1 | 1.20M | 876k | 12.6k | 1.74M | 1.76M | 586k | -2.93M | -2.63M | -598k | 0 | 0 | 0 | 0 | 0 | 0 | 2.11μ | 1.44μ | 46.0n |
| 30 | 0 | 0 | 0 | 0 | 2.93M | 2.63M | 598k | 0 | 0 | 0 | -2.93M | -2.63M | -598k | 0 | 0 | 0 | 0.47n | 0.93n | 0 |
| 35 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 9 | 308k | 78.6k | -25.0k | 0 | 0 | 0 | -308k | -78.6k | 25.0k | 0 | 0 | 0 | 0 | 0 | 0 | 58.2p | -29.1p | -0.15n |
| 35 | 4 | 1.97M | -4.36M | -421k | 308k | 78.6k | -25.0k | -2.28M | 4.28M | 446k | 0 | 0 | 0 | 0 | 0 | 0 | 2.71μ | -6.28μ | -0.15μ |
| 35 | 7 | 37.5k | -136k | -43.2k | 28.3k | 6.45k | -29.9k | -65.8k | 129k | 73.0k | 0 | 0 | 0 | 0 | 0 | 0 | 0.10n | 0.54n | -0.15n |
| 35 | 3 | -1.45M | 3.01M | -278k | 2.32M | -4.42M | -490k | -873k | 1.40M | 768k | 0 | 0 | 0 | 0 | 0 | 0 | -3.94μ | 8.04μ | -40.0n |
| 35 | 6 | -48.4k | 275k | -28.0k | 21.1k | -134k | -127k | 27.2k | -141k | 154k | 0 | 0 | 0 | 0 | 0 | 0 | -0.16n | -1.60n | 29.1p |
| 35 | 2 | -3.22M | 6.69M | -307k | 825k | -1.13M | -796k | 2.40M | -5.56M | 1.10M | 0 | 0 | 0 | 0 | 0 | 0 | -5.55μ | 8.72μ | -0.18μ |
| 35 | 5 | -47.4k | 206k | -7.69k | 8.75k | -74.7k | -151k | 38.6k | -132k | 158k | 0 | 0 | 0 | 0 | 0 | 0 | -0.34n | -1.16n | 0 |
| 35 | 1 | -1.63M | 3.29M | -187k | -2.44M | 5.77M | -1.11M | 4.07M | -9.06M | 1.30M | 0 | 0 | 0 | 0 | 0 | 0 | -1.93μ | 3.92μ | -46.1n |
| 35 | 0 | 0 | 0 | 0 | -4.07M | 9.06M | -1.30M | 0 | 0 | 0 | 4.07M | -9.06M | 1.30M | 0 | 0 | 0 | -1.86n | 0 | 0 |
| 36 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 9 | 530k | -26.2k | 40.7k | 0 | 0 | 0 | -530k | 26.2k | -40.7k | 0 | 0 | 0 | 0 | 0 | 0 | -0.12n | -40.0p | 21.8p |
| 36 | 4 | -2.74M | 2.57M | 772k | 530k | -26.2k | 40.7k | 2.21M | -2.54M | -813k | 0 | 0 | 0 | 0 | 0 | 0 | -3.70μ | 3.64μ | 0.23μ |
| 36 | 7 | -64.3k | 91.2k | 104k | -40.8k | -16.5k | 67.4k | 105k | -74.7k | -172k | 0 | 0 | 0 | 0 | 0 | 0 | 87.3p | -0.20n | 0.20n |
| 36 | 3 | 1.08M | -1.77M | 908k | -2.27M | 2.63M | 918k | 1.19M | -860k | -1.83M | 0 | 0 | 0 | 0 | 0 | 0 | 3.20μ | -4.45μ | 41.0n |
| 36 | 6 | 37.8k | -179k | 79.9k | -48.7k | 80.7k | 295k | 10.9k | 97.9k | -375k | 0 | 0 | 0 | 0 | 0 | 0 | 0.33n | 1.12n | 0.93n |
| 36 | 2 | 3.32M | -3.93M | 737k | -1.16M | 681k | 1.91M | -2.17M | 3.25M | -2.64M | 0 | 0 | 0 | 0 | 0 | 0 | 5.27μ | -6.15μ | 0.13μ |
| 36 | 5 | 41.2k | -138k | 42.0k | -19.2k | 50.0k | 426k | -22.0k | 87.9k | -468k | 0 | 0 | 0 | 0 | 0 | 0 | 0.31n | 0.70n | -0.23n |
| 36 | 1 | 1.82M | -1.97M | 417k | 2.21M | -3.39M | 2.68M | -4.03M | 5.36M | -3.10M | 0 | 0 | 0 | 0 | 0 | 0 | 2.33μ | -2.16μ | 34.9n |
| 36 | 0 | 0 | 0 | 0 | 4.03M | -5.36M | 3.10M | 0 | 0 | 0 | -4.03M | 5.36M | -3.10M | 0 | 0 | 0 | -0.47n | 0.93n | 0.47n |
| 37 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 9 | 312k | 27.2k | -63.5k | 0 | 0 | 0 | -312k | -27.2k | 63.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.64p | 1.44n |
| 37 | 4 | -1.54M | 1.91M | -1.22M | 312k | 27.2k | -63.5k | 1.23M | -1.94M | 1.29M | 0 | 0 | 0 | 0 | 0 | 0 | -2.12μ | 2.96μ | -0.27μ |
| 37 | 7 | 38.1k | 117k | -166k | 58.0k | 5.50k | -113k | -96.1k | -122k | 279k | 0 | 0 | 0 | 0 | 0 | 0 | -0.15n | -0.15n | 58.2p |
| 37 | 3 | 557k | -1.29M | -1.50M | -1.19M | 2.05M | -1.45M | 637k | -761k | 2.96M | 0 | 0 | 0 | 0 | 0 | 0 | 1.75μ | -3.14μ | -0.31μ |
| 37 | 6 | 41.2k | -159k | -139k | 63.5k | 92.7k | -455k | -105k | 66.3k | 595k | 0 | 0 | 0 | 0 | 0 | 0 | 0.20n | 0.96n | -1.98n |
| 37 | 2 | 1.78M | -2.92M | -1.03M | -596k | 602k | -3.10M | -1.19M | 2.32M | 4.13M | 0 | 0 | 0 | 0 | 0 | 0 | 2.86μ | -4.91μ | -0.12μ |
| 37 | 5 | 57.8k | -92.1k | -94.6k | 11.0k | 49.0k | -731k | -68.7k | 43.1k | 826k | 0 | 0 | 0 | 0 | 0 | 0 | 0.20n | 0.38n | -0.47n |
| 37 | 1 | 928k | -1.44M | -509k | 1.24M | -2.41M | -4.22M | -2.17M | 3.85M | 4.73M | 0 | 0 | 0 | 0 | 0 | 0 | 1.43μ | -1.50μ | 17.7n |
| 37 | 0 | 0 | 0 | 0 | 2.17M | -3.85M | -4.73M | 0 | 0 | 0 | -2.17M | 3.85M | 4.73M | 0 | 0 | 0 | -2.33n | 1.40n | -1.86n |
| 41 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 9 | 45.0k | 57.0k | 13.4k | 0 | 0 | 0 | -45.0k | -57.0k | -13.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.6p | 16.4p |
| 41 | 4 | -2.53M | 64.1k | -555k | 45.0k | 57.0k | 13.4k | 2.48M | -121k | 541k | 0 | 0 | 0 | 0 | 0 | 0 | -0.81μ | 1.35μ | -0.45μ |
| 41 | 7 | -208k | -521k | - | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|---|---|---|--------|--------|--------|
| 41 | 0 | 0 | 0 | 0 | 5.54M | 824k | -3.55M | 0 | 0 | 0 | -5.54M | -824k | 3.55M | 0 | 0 | 0 | 0 | -3.73n | 0.47n | 1.40n |
| 48 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 9 | -69.5k | -23.1k | 10.1k | 0 | 0 | 0 | 69.5k | 23.1k | -10.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.6p | 10.9p | -0.14n |
| 48 | 4 | 4.72M | 5.73M | -436k | -69.5k | -23.1k | 10.1k | -4.65M | -5.70M | 426k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.36μ | 1.34μ | -1.30μ |
| 48 | 7 | -1.52M | -1.86M | 313k | 1.22M | 800k | 93.9k | 299k | 1.06M | -407k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.35n | 1.40n | -58.2p |
| 48 | 3 | -7.41M | -9.05M | -1.08M | 3.13M | 3.84M | -112k | 4.28M | 5.21M | 1.19M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3.78μ | -5.74μ | -1.05μ |
| 48 | 6 | -161k | -826k | 232k | 560k | 783k | 952k | -399k | 43.0k | -1.18M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.52n | 2.24n | -2.33n |
| 48 | 2 | 2.82M | 4.43M | -182k | -4.44M | -6.04M | -957k | 1.62M | 1.61M | 1.14M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.51μ | 6.53μ | -0.72μ |
| 48 | 5 | 246k | 1.91M | 247k | -51.4k | -796k | 1.62M | -195k | -1.12M | -1.86M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.20n | -4.66n | -1.86n |
| 48 | 1 | 8.90M | 8.65M | 61.2k | -1.37M | 304k | -892k | -7.52M | -8.96M | 831k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.98μ | 4.96μ | -0.18μ |
| 48 | 0 | 0 | 0 | 0 | 7.52M | 8.96M | -831k | 0 | 0 | 0 | -7.52M | -8.96M | 831k | 0 | 0 | 0 | 0 | 0.93n | 1.86n | -0.70n |
| 49 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 9 | 68.9k | 11.4k | 22.1k | 0 | 0 | 0 | -68.9k | -11.4k | -22.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.82p | 0 |
| 49 | 4 | -4.66M | 388k | 2.37M | 68.9k | 11.4k | 22.1k | 4.59M | -399k | -2.40M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.11μ | 0.73μ | 4.13μ |
| 49 | 7 | 47.3k | -2.03M | 419k | 317k | 806k | 228k | -365k | 1.22M | -647k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.46n | 3.26n | 1.86n |
| 49 | 3 | 13.1M | 3.60M | 2.51M | -4.54M | -1.63M | 2.81M | -8.57M | -1.97M | -5.32M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.63μ | 2.63μ | 3.18μ |
| 49 | 6 | -297k | -692k | 334k | 398k | 812k | 755k | -102k | -120k | -1.09M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.52n | 1.78n | -2.10n |
| 49 | 2 | -6.36M | -3.03M | 1.62M | 8.27M | 1.27M | 5.66M | -1.91M | 1.75M | -7.28M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -8.47μ | -3.64μ | 2.13μ |
| 49 | 5 | 155k | 2.09M | 204k | -31.5k | -899k | 1.39M | -124k | -1.19M | -1.59M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.64n | -4.66n | -0.47n |
| 49 | 1 | -17.9M | -4.39M | 745k | 2.06M | 340k | 7.48M | 15.8M | 4.05M | -8.23M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -11.9μ | -2.62μ | 0.60μ |
| 49 | 0 | 0 | 0 | 0 | -15.8M | -4.05M | 8.23M | 0 | 0 | 0 | 15.8M | 4.05M | -8.23M | 0 | 0 | 0 | 0 | 1.86n | 1.40n | 1.86n |
| 55 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | 9 | 89.7k | -88.0k | 62.2k | 0 | 0 | 0 | -89.7k | 88.0k | -62.2k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -14.6p | -14.6p | 0.43n |
| 55 | 4 | -3.93M | 4.95M | -5.27M | 89.7k | -88.0k | 62.2k | 3.84M | -4.86M | 5.21M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.82μ | 0.80μ | -5.35μ |
| 55 | 7 | 1.54M | 313k | 386k | -805k | -198k | 211k | -734k | -115k | -597k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.70n | -87.3p | 1.75n |
| 55 | 3 | 7.50M | -14.8M | -3.13M | -2.30M | 5.18M | -4.82M | -5.20M | 9.59M | 7.95M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4.26μ | -3.64μ | -4.45μ |
| 55 | 6 | -876k | 389k | 444k | 337k | -581k | 59.9k | 539k | 192k | -504k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1.63n | -0.47n | 1.11n |
| 55 | 2 | -783k | 8.96M | -1.72M | 4.33M | -9.21M | -7.50M | -3.54M | 243k | 9.22M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.99μ | 9.31μ | -2.79μ |
| 55 | 5 | -1.09M | -1.03M | -9.28k | 839k | 349k | 156k | 248k | 685k | -147k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1.25n | 2.56n | 0.76n |
| 55 | 1 | -10.5M | 15.0M | -1.58M | 2.46M | -1.28M | -9.23M | 8.01M | -13.8M | 10.8M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4.85μ | 5.49μ | -0.82μ |
| 55 | 0 | 0 | 0 | 0 | -8.01M | 13.8M | -10.8M | 0 | 0 | 0 | 8.01M | -13.8M | 10.8M | 0 | 0 | 0 | 0 | -1.86n | 1.86n | -14.9n |
| 57 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 9 | 3.07k | -4.49k | -14.8k | 0 | 0 | 0 | -3.07k | 4.49k | 14.8k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.36p | -5.46p | 0.45n |
| 57 | 4 | -1.90M | 3.91M | 2.19M | 3.07k | -4.49k | -14.8k | 1.90M | -3.91M | -2.17M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.53μ | 0.92μ | 1.17μ |
| 57 | 7 | -1.89M | 2.14M | -578k | 451k | -590k | 184k | 1.44M | -1.55M | 393k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.47n | -2.56n | -0.23n |
| 57 | 3 | 6.24M | -12.4M | 680k | -3.79M | 6.05M | 1.59M | -2.46M | 6.35M | -2.27M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.99μ | -6.96μ | 0.94μ |
| 57 | 6 | -147k | -22.5k | -1.37M | -54.8k | -119k | 399k | 202k | 142k | 969k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.61n | -0.58n | -1.75n |
| 57 | 2 | -1.05M | 6.72M | 773k | 2.31M | -6.38M | 905k | -1.26M | -345k | -1.68M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3.45μ | 7.54μ | 0.59μ |
| 57 | 5 | 1.50M | -2.00M | -790k | -783k | 917k | -416k | -714k | 1.08M | 1.21M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.58n | 3.73n | -2.56n |
| 57 | 1 | -11.5M | 13.7M | 1.67M | 2.76M | -1.65M | 888k | 8.71M | -12.1M | -2.56M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4.88μ | 3.89μ | 0.18μ |
| 57 | 0 | 0 | 0 | 0 | -8.71M | 12.1M | 2.56M | 0 | 0 | 0 | 8.71M | -12.1M | -2.56M | 0 | 0 | 0 | 0 | 1.86n | 3.73n | -0.47n |
| 68 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | 9 | 6.83k | -8.83k | -23.5k | 0 | 0 | 0 | -6.83k | 8.83k | 23.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6.37p | 27.3p | 0.11n |
| 68 | 4 | -1.83M | -3.82M | 352k | 6.83k | -8.83k | -23.5k | 1.82M | 3.83M | -329k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1.79μ | -2.67μ | 1.87μ |
| 68 | 7 | 236k | -552k | 225k | -11.5k | 58.8k | 72.1k | -225k | 493k | -297k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -87.3p | 0.29n | 0.58n |
| 68 | 3 | -3.76M | 19.3M | 1.17M | -1.58M | -4.38M | 554k | 5.35M | -14.9M | -1.72M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.29μ | 5.09μ | 1.81μ |
| 68 | 6 | 493k | -78.6k | 113k | -240k | 297k | 349k | -253k | -219k | -462k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.2p | 0.52n | 0.17n |
| 68 | 2 | 13.4M | -27.9M | 1.21M | -4.85M | 14.8M | 1.84M | -8.57M | 13.0M | -3.05M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.27μ | -5.83μ | 1.07μ |
| 68 | 5 | -92.4k | -195k | -516k | -60.7k | -91.6k | 199k | 153k | 287k | 317k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0.29n | 0 |
| 68 | 1 | -22.4M | 35.2M | 2.22M | 8.47M | -13.2M | 2.53M | 13.9M | -22.0M | -4.75M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5.77μ | 8.32μ | 0.33μ |
| 68 | 0 | 0 | 0 | 0 | -13.9M | 22.0M | 4.75M | 0 | 0 | 0 | 13.9M | -22.0M | -4.75M | 0 | 0 | 0 | 0 | 7.45n | -7.45n | 3.73n |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Errori Numerici Massimi

| | Modi presenti in memoria |
|---------------------------------|---------------------------------|
| Ortogonalizzazione autovettori: | 1.4584E-15 |
| Normalizzazione autovettori: | 4.4409E-16 |
| Kψ-λMψ / Kψ : | 5.6333E-6 |
| soluzione sistema: | 4.2104E-5 [N o Nm] |
| equilibrio nodi: | 4.3033E-5 [N o Nm] |
| diagrammi forze: | 2.9104E-11 [N] |
| diagrammi momenti: | 3.4051E-9 [Nm] |
| deformate: | 5.8039E-6 [m] e 2.4143E-8 [rad] |
| equilibrio Mz shell: | 4.2261E-8 [Nm] |
| equilibrio piani: | 0.00019147 [N] |
| | memorizzo struttura calcolata |

Legenda tabella Inviluppo Sollecitazioni Beam

- **N°:** Numero trave o pilastro
 - **Fam Cmb:** Numero famiglia di combinazione. GR = Sollecitazioni derivanti dalla gerarchia delle resistenza Taglio-Flessione.
 - **Min-Max:** *Min* = sollecitazione minima; *Max* = sollecitazione massima.
 - **Sezione iniziale:** Sollecitazioni nella sezione iniziale della trave o pilastro. Per i pilastri la sezione iniziale è quella superiore.
 - **Sezione centrale:** Sollecitazioni nella sezione centrale della trave o pilastro.
 - **Sezione finale:** Sollecitazioni nella sezione finale della trave o pilastro. Per i pilastri la sezione finale è quella inferiore.
- Suffissi:** f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Piano 1. Involuppo Sollecitazioni Pilastri

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|------|------------------|-----------|-----------|------------|------------|------------|------------------|-----------|-----------|------------|------------|------------|----------------|-----------|-----------|------------|------------|------------|
| N° | Fam | Cmb. | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | -418k | 4.84k | 5.63k | -0.133 | -8.29k | 7.06k | -422k | 4.84k | 5.63k | -0.133 | -4.02k | 3.40k | -428k | 4.84k | 5.63k | -0.133 | 4.57k | -4.46k |
| 1 | 1 | Max | -407k | 5.41k | 5.66k | -0.108 | -8.27k | 7.88k | -410k | 5.41k | 5.66k | -0.108 | -4.02k | 3.79k | -417k | 5.41k | 5.66k | -0.108 | 4.61k | -3.99k |
| 1 | 4 | Max | -274k | 3.24k | 4.55k | -0.112 | -6.65k | 4.72k | -277k | 3.24k | 4.55k | -0.112 | -3.22k | 2.27k | -282k | 3.24k | 4.55k | -0.112 | 3.73k | -2.68k |
| 1 | 5 | Max | -260k | 2.91k | 4.61k | -0.113 | -6.73k | 4.23k | -263k | 2.91k | 4.61k | -0.113 | -3.25k | 2.03k | -268k | 2.91k | 4.61k | -0.113 | 3.79k | -2.40k |
| 1 | 7 | Min | -296k | 2.20k | 3.74k | -3.46 | -7.14k | 4.01k | -299k | 2.20k | 3.74k | -3.46 | -3.42k | 2.04k | -304k | 2.20k | 3.74k | -3.46 | 2.33k | -4.39k |
| 1 | 7 | Max | -252k | 4.29k | 5.36k | 3.24 | -6.17k | 5.43k | -255k | 4.29k | 5.36k | 3.24 | -3.01k | 2.51k | -260k | 4.29k | 5.36k | 3.24 | 5.12k | -964 |
| 1 | 8 | Min | -355k | -539 | 1.61k | -12.2 | -8.38k | 2.19k | -358k | -539 | 1.61k | -12.2 | -3.97k | 1.42k | -363k | -539 | 1.61k | -12.2 | -1.37k | -8.91k |
| 1 | 8 | Max | -194k | 7.03k | 7.49k | 11.9 | -4.92k | 7.25k | -196k | 7.03k | 7.49k | 11.9 | -2.46k | 3.12k | -201k | 7.03k | 7.49k | 11.9 | 8.82k | 3.56k |
| 2 | 1 | Min | -424k | -762 | -3.86k | -84.2m | 5.10k | -1.07k | -426k | -762 | -3.86k | -84.2m | 2.40k | -496 | -432k | -762 | -3.86k | -84.2m | -3.30k | 654 |
| 2 | 1 | Max | -394k | -749 | -3.58k | -68.0m | 5.49k | -1.05k | -397k | -749 | -3.58k | -68.0m | 2.58k | -489 | -402k | -749 | -3.58k | -68.0m | -3.06k | 666 |
| 2 | 4 | Max | -266k | -485 | -2.41k | -70.6m | 3.44k | -685 | -268k | -485 | -2.41k | -70.6m | 1.62k | -319 | -272k | -485 | -2.41k | -70.6m | -2.06k | 421 |
| 2 | 5 | Max | -245k | -463 | -2.22k | -71.1m | 3.17k | -655 | -247k | -463 | -2.22k | -71.1m | 1.50k | -305 | -251k | -463 | -2.22k | -71.1m | -1.89k | 401 |
| 2 | 7 | Min | -270k | -1.77k | -2.50k | -2.19 | 2.87k | -2.08k | -272k | -1.77k | -2.50k | -2.19 | 1.00k | -743 | -276k | -1.77k | -2.50k | -2.19 | -2.77k | -1.11k |
| 2 | 7 | Max | -262k | 797 | -2.33k | 2.04 | 4.02k | 708 | -264k | 797 | -2.33k | 2.04 | 2.24k | 106 | -268k | 797 | -2.33k | 2.04 | -1.34k | 1.95k |
| 2 | 8 | Min | -279k | -5.17k | -2.69k | -7.68 | 1.33k | -5.77k | -281k | -5.17k | -2.69k | -7.68 | -651 | -1.87k | -285k | -5.17k | -2.69k | -7.68 | -4.67k | -5.18k |
| 2 | 8 | Max | -252k | 4.20k | -2.14k | 7.53 | 5.56k | 4.40k | -254k | 4.20k | -2.14k | 7.53 | 3.89k | 1.23k | -259k | 4.20k | -2.14k | 7.53 | 551 | 6.02k |
| 3 | 1 | Min | -389k | -253 | -3.79k | -84.2m | 5.00k | -340 | -392k | -253 | -3.79k | -84.2m | 2.35k | -149 | -397k | -253 | -3.79k | -84.2m | -3.25k | 216 |
| 3 | 1 | Max | -361k | -226 | -3.51k | -68.0m | 5.40k | -300 | -363k | -226 | -3.51k | -68.0m | 2.54k | -129 | -369k | -226 | -3.51k | -68.0m | -3.00k | 237 |
| 3 | 4 | Max | -244k | -127 | -2.38k | -70.6m | 3.40k | -169 | -246k | -127 | -2.38k | -70.6m | 1.60k | -73.4 | -251k | -127 | -2.38k | -70.6m | -2.03k | 120 |
| 3 | 5 | Max | -225k | -103 | -2.19k | -71.1m | 3.13k | -137 | -227k | -103 | -2.19k | -71.1m | 1.48k | -58.7 | -231k | -103 | -2.19k | -71.1m | -1.86k | 98.5 |
| 3 | 7 | Min | -263k | -1.90k | -2.46k | -2.19 | 2.61k | -2.27k | -265k | -1.90k | -2.46k | -2.19 | 847 | -839 | -269k | -1.90k | -2.46k | -2.19 | -2.72k | -1.82k |
| 3 | 7 | Max | -226k | 1.65k | -2.30k | 2.04 | 4.19k | 1.93k | -228k | 1.65k | -2.30k | 2.04 | 2.36k | 692 | -232k | 1.65k | -2.30k | 2.04 | -1.33k | 2.06k |
| 3 | 8 | Min | -311k | -6.63k | -2.63k | -7.68 | 488 | -7.88k | -313k | -6.63k | -2.63k | -7.68 | -1.17k | -2.88k | -317k | -6.63k | -2.63k | -7.68 | -4.55k | -6.99k |
| 3 | 8 | Max | -178k | 6.37k | -2.13k | 7.53 | 6.31k | 7.54k | -180k | 6.37k | -2.13k | 7.53 | 4.38k | 2.73k | -184k | 6.37k | -2.13k | 7.53 | 503 | 7.23k |
| 4 | 1 | Min | -111k | 148 | -11.3k | 55.5 | 4.42k | -2.13k | -92.8k | -758 | -67.1 | 0.710 | -130 | -488 | -97.6k | -399 | 5.58k | 0.120 | 1.41k | 565 |
| 4 | 1 | Max | -109k | 187 | -11.0k | 60.8 | 4.55k | -1.95k | -91.7k | -689 | -64.4 | 0.723 | -124 | -436 | -97.0k | -362 | 5.59k | 0.135 | 1.43k | 616 |
| 4 | 4 | Max | -77.1k | 101 | -7.63k | 37.3 | 3.06k | -1.29k | -65.8k | -454 | -46.2 | 0.432 | -81.0 | -292 | -70.4k | -239 | 4.08k | 0.139 | 1.06k | 364 |
| 4 | 5 | Max | -74.5k | 84.4 | -7.32k | 33.9 | 2.93k | -1.17k | -64.2k | -408 | -44.4 | 0.393 | -74.9 | -261 | -69.1k | -215 | 4.03k | 0.148 | 1.06k | 326 |
| 4 | 7 | Min | -189k | -1.63k | -11.7k | 28.4 | 2.11k | -2.16k | -184k | -806 | -261 | -5.19 | -598 | -894 | -219k | -371 | -7.78k | -3.75 | -3.24k | -726 |
| 4 | 7 | Max | 34.7k | 1.83k | -3.61k | 46.3 | 4.02k | -432 | 52.1k | -102 | 169 | 6.05 | 436 | 311 | 78.4k | -107 | 15.9k | 4.03 | 5.36k | 1.45k |
| 4 | 8 | Min | -485k | -6.25k | -21.8k | 5.49 | -52.4 | -4.45k | -496k | -1.73k | -830 | -20.0 | -1.99k | -2.50k | -613k | -707 | -39.1k | -14.1 | -14.6k | -3.61k |
| 4 | 8 | Max | 331k | 6.45k | 6.52k | 69.1 | 6.18k | 1.86k | 365k | 823 | 738 | 20.8 | 1.82k | 1.91k | 473k | 228 | 47.2k | 14.4 | 16.7k | 4.34k |
| 5 | 1 | Min | -101k | -3.36k | -3.70k | -7.93 | 2.32k | -1.43k | -88.9k | -160 | -27.8 | 3.26 | -157 | 335 | -99.8k | 4.55k | 1.89k | -7.28 | 530 | -1.88k |
| 5 | 1 | Max | -98.3k | -3.36k | -3.46k | -7.09 | 2.47k | -1.43k | -87.5k | -152 | -26.0 | 3.53 | -149 | 344 | -98.7k | 4.68k | 1.97k | -6.83 | 590 | -1.82k |
| 5 | 4 | Max | -67.1k | -2.23k | -2.49k | -4.72 | 1.65k | -958 | -60.1k | -104 | -19.1 | 2.17 | -116 | 222 | -68.5k | 3.09k | 1.46k | -4.29 | 453 | -1.24k |
| 5 | 5 | Max | -63.7k | -2.12k | -2.37k | -4.30 | 1.56k | -911 | -57.4k | -97.5 | -19.0 | 1.99 | -114 | 209 | -65.9k | 2.92k | 1.46k | -3.84 | 472 | -1.17k |
| 5 | 7 | Min | -116k | -6.71k | -9.87k | -99.6 | -1.63k | -2.58k | -114k | -180 | -171 | -6.66 | -365 | -223 | -138k | 2.00k | -2.65k | -11.3 | -2.05k | -2.27k |
| 5 | 7 | Max | -17.9k | 2.24k | 4.88k | 90.1 | 4.93k | 663 | -6.57k | -27.9 | 133 | 11.0 | 133 | 668 | 852 | 4.18k | 5.56k | 2.68 | 2.96k | -210 |
| 5 | 8 | Min | -246k | -18.4k | -28.9k | -354 | -10.0k | -6.76k | -254k | -382 | -560 | -30.2 | -1.00k | -1.41k | -319k | -825 | -13.2k | -28.9 | -8.49k | -4.98k |
| 5 | 8 | Max | 112k | 13.9k | 23.9k | 344 | 13.3k | 4.85k | 134k | 175 | 521 | 34.5 | 771 | 1.86k | 182k | 7.00k | 16.1k | 20.4 | 9.39k | 2.50k |
| 6 | 1 | Min | -145k | 9.08k | 384 | -17.8 | -152 | 4.81k | -130k | 137 | -166 | 0.483 | -17.0 | 8.13 | -137k | -7.61k | -82.9 | -0.722 | -302 | 2.02k |
| 6 | 1 | Max | -141k | 9.25k | 409 | -16.4 | -144 | 4.99k | -127k | 143 | -148 | 0.535 | -9.62 | 12.6 | -134k | -7.50k | -78.8 | -0.559 | -266 | 2.04k |
| 6 | 4 | Max | -94.2k | 6.16k | 259 | -11.1 | -95.4 | 3.24k | -85.3k | 92.6 | -102 | 0.293 | -8.07 | -2.03 | -91.1k | -5.14k | -54.5 | -0.381 | -184 | 1.38k |
| 6 | 5 | Max | -88.6k | 5.86k | 239 | -10.1 | -81.7 | 3.05k | -80.6k | 87.0 | -95.0 | 0.259 | -4.09 | -5.98 | -86.5k | -4.91k | -52.5 | -0.313 | -168 | 1.32k |
| 6 | 7 | Min | -173k | 3.64k | -8.30 | -16.2 | -170 | 2.29k | -169k | 24.4 | -425 | -2.54 | -437 | -455 | -188k | -11.4k | -122 | -5.72 | -1.03k | -920 |
| 6 | 7 | Max | -15.2k | 8.67k | 526 | -5.96 | -21.0 | 4.19k | -1.30k | 161 | 220 | 3.13 | 421 | 451 | 6.36k | 1.17k | 12.6 | 4.96 | 663 | 3.68k |
| 6 | 8 | Min | -382k | -2.59k | -709 | -29.1 | -335 | -63.0 | -391k | -154 | -1.25k | -10.0 | -1.55k | -1.67k | -444k | -27.8k | -292 | -19.5 | -3.22k | -6.92k |
| 6 | 8 | Max | 193k | 14.9k | 1.23k | 7.00 | 144 | 6.55k | 220k | 339 | 1.05k | 10.6 | 1.53k | 1.67k | 262k | 17.5k | 183 | 18.7 | 2.85k | 9.68k |
| 7 | 1 | Min | -963k | 274 | -2.45k | -0.248 | 2.54k | 510 | -966k | 274 | -2.45k | -0.248 | 1.34k | 353 | -975k | 274 | -2.45k | -0.248 | -2.15k | -188 |
| 7 | 1 | Max | -919k | 434 | -2.07k | -0.200 | 3.00k | 723 | -923k | 434 | -2.07k | -0.200 | 1.59k | 474 | -932k | 434 | -2.07k | -0.200 | -1.82k | -64.3 |
| 7 | 4 | Max | -580k | 45.4 | -929 | -0.208 | 1.10k | 152 | -583k | 45.4 | -929 | -0.208 | 564 | 126 | -590k | 45.4 | -929 | -0.208 | -852 | 56.9 |
| 7 | 5 | Max | -529k | -23.8 | -620 | -0.209 | 710 | 54.4 | -532k | -23.8 | -620 | -0.209 | 354 | 68.1 | -539k | -23.8 | -620 | -0.209 | -592 | 104 |
| 7 | 7 | Min | -590k | -4.64k | -2.38k | -6.43 | 47.9 | -4.39k | -592k | -4.64k | -2.38k | -6.43 | 319 | -1.73k | -599k | -4.64k | -2.38k | -6.43 | -2.89k | -5.24k |
| 7 | 7 | Max | -570k | 4.73k | 521 | 6.01 | 2.15k | 4.70k | -573k | 4.73k | 521 | 6.01 | 810 | 1.98k | -580k | 4.73k | 521 | 6.01 | 1.19k | 5.36k |
| 7 | 8 | Min | -614k | -17.1k | -6.17k | -22.6 | -2.69k | -16.4k | -616k | -17.1k | -6.17k | -22.6 | -306 | -6.62k | -623k | -17.1k | -6.17k | -22.6 | -8.23k | -19.3k |
| 7 | 8 | Max | -547k | 17.2k | 4.31k | 22.2 | 4.89k | 16.7k | -549k | 17.2k | 4.31k | 22.2 | 1.43k | 6.88k | -556k | 17.2k | 4.31k | 22.2 | 6.52k | 19.4k |
| 8 | 1 | Min | -722k | -3.79k | 4.94k | -0.133 | -7.70k | -5.43k | -725k | -3.79k | 4.94k | -0.133 | -3.75k | -2.56k | -732k | -3.79k | 4.94k | -0.133 | 4.01k | 3.03k |
| 8 | 1 | Max | -690k | -3.57k | 5.23k | -0.108 | -7.26k | -5.10k | -693k | -3.57k | 5.23k | -0.108 | -3.53k | -2.41k | -700k | -3.57k | 5.23k | -0.108 | 4.24k | 3.22k |
| 8 | 4 | Max | -434k | -2.33k | 3.23k | -0.112 | -4.75k | -3.33k | -436k | -2.33k | 3.23k | -0.112 | -2.31k | -1.57k | -441k | -2.33k | 3.23k | -0.112 | 2.62k | 1.97k |
| 8 | 5 | Max | -397k | -2.12k | 2.98k | -0.113 | -4.37k | -3.04k | -400k | -2.12k | 2.98k | -0.113 | -2.12k | -1.43k | -405k | -2.12k | 2.98k | -0.113 | 2.42k | 1.80k |
| 8 | 7 | Min | -446k | -4.04k | 3.07k | -3.46 | -5.26k | -5.17k | -449k | -4.04k | 3.07k | -3.46 | -2.89k | -2.12k | -454k | -4.04k | 3.07k | -3.46 | 1.87k | -94.4 |
| 8 | 7 | Max | -421k | -613 | 3.39k | 3.24 | -4.24k | -1.49k | -424k | -613 | 3.39k | 3.24 | -1.73k | -1.03k | -429k | -613 | 3.39k | 3.24 | 3.38k | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 10 | 7 | Min | -176k | -15.1k | -9.87k | -26.8 | -269 | -6.75k | -149k | -129 | -264 | -8.01 | -463 | -2.84 | -185k | -1.01k | -2.89k | -8.84 | -2.03k | -3.70k |
| 10 | 7 | Max | 7.35k | 2.80k | 1.19k | 32.1 | 4.20k | -63.0 | 24.3k | 26.9 | -121 | 7.16 | 116 | 515 | 37.3k | 7.78k | 8.11k | 10.5 | 3.86k | 1.07k |
| 10 | 8 | Min | -422k | -39.1k | -24.2k | -103 | -6.01k | -15.7k | -381k | -336 | -440 | -27.7 | -1.24k | -701 | -485k | -12.6k | -17.6k | -33.9 | -9.86k | -10.0k |
| 10 | 8 | Max | 254k | 26.8k | 15.5k | 108 | 9.94k | 8.89k | 257k | 233 | 55.1 | 26.9 | 897 | 1.21k | 337k | 19.4k | 22.8k | 35.5 | 11.7k | 7.37k |
| 11 | 1 | Min | -183k | 10.3k | 7.77k | 11.1 | -6.31k | 7.82k | -162k | 244 | 147 | 0.675 | 91.4 | -788 | -185k | -9.36k | -5.39k | -6.59 | -2.31k | 4.29k |
| 11 | 1 | Max | -175k | 10.8k | 7.93k | 12.6 | -6.06k | 8.21k | -156k | 254 | 157 | 0.675 | 102 | -736 | -177k | -8.90k | -5.20k | -6.03 | -2.22k | 4.51k |
| 11 | 4 | Max | -118k | 6.92k | 5.42k | 6.25 | -4.17k | 5.29k | -105k | 170 | 99.0 | 0.466 | 85.7 | -509 | -121k | -6.06k | -3.55k | -4.07 | -1.50k | 2.91k |
| 11 | 5 | Max | -110k | 6.46k | 5.22k | 5.05 | -3.95k | 4.95k | -98.8k | 162 | 91.3 | 0.453 | 91.9 | -475 | -114k | -5.68k | -3.36k | -3.71 | -1.41k | 2.72k |
| 11 | 7 | Min | -245k | 2.83k | -764 | -54.7 | -6.51k | 1.30k | -240k | 105 | -225 | -6.77 | -589 | -1.21k | -286k | -13.3k | -11.1k | -18.5 | -5.94k | -2.04k |
| 11 | 7 | Max | 8.83k | 11.0k | 11.6k | 67.2 | -1.82k | 9.27k | 29.5k | 236 | 423 | 7.70 | 760 | 196 | 45.2k | 1.19k | 3.98k | 10.3 | 2.93k | 7.86k |
| 11 | 8 | Min | -586k | -8.01k | -16.7k | -218 | -12.5k | -9.30k | -602k | -68.5 | -1.08k | -25.7 | -2.40k | -3.12k | -733k | -32.5k | -31.2k | -55.2 | -17.8k | -15.2k |
| 11 | 8 | Max | 350k | 21.8k | 27.6k | 231 | 4.12k | 19.9k | 392k | 409 | 1.28k | 26.6 | 2.57k | 2.10k | 491k | 20.4k | 24.1k | 47.0 | 14.8k | 21.0k |
| 12 | 1 | Min | -82.2k | 594 | 4.07k | 52.7 | -1.93k | 1.33k | -77.3k | 275 | 27.9 | 0.944 | 184 | 211 | -99.7k | 156 | -7.91k | 0.653 | -2.38k | -199 |
| 12 | 1 | Max | -78.4k | 682 | 4.19k | 56.5 | -1.93k | 1.46k | -73.7k | 299 | 29.7 | 1.09 | 185 | 225 | -94.9k | 170 | -7.49k | 0.709 | -2.24k | -181 |
| 12 | 4 | Max | -58.4k | 385 | 3.03k | 35.2 | -1.39k | 878 | -54.9k | 183 | 21.2 | 0.576 | 125 | 141 | -69.8k | 103 | -5.37k | 0.428 | -1.59k | -119 |
| 12 | 5 | Max | -56.5k | 333 | 3.00k | 32.4 | -1.36k | 791 | -53.1k | 167 | 20.5 | 0.480 | 120 | 130 | -67.3k | 93.7 | -5.11k | 0.386 | -1.51k | -107 |
| 12 | 7 | Min | -128k | -1.87k | -5.55k | -22.6 | -3.90k | -534 | -134k | -85.6 | -60.1 | -6.09 | -80.9 | -125 | -176k | -31.3 | -14.3k | -1.05 | -4.82k | -759 |
| 12 | 7 | Max | 11.6k | 2.64k | 11.6k | 93.0 | 1.12k | 2.29k | 24.0k | 452 | 102 | 7.25 | 332 | 407 | 36.9k | 238 | 3.57k | 1.91 | 1.63k | 522 |
| 12 | 8 | Min | -307k | -7.82k | -27.6k | -175 | -10.4k | -4.26k | -335k | -783 | -268 | -23.4 | -616 | -826 | -449k | -375 | -37.1k | -4.95 | -13.1k | -2.43k |
| 12 | 8 | Max | 190k | 8.59k | 33.7k | 245 | 7.60k | 6.01k | 226k | 1.15k | 310 | 24.6 | 867 | 1.11k | 310k | 582 | 26.4k | 5.81 | 9.88k | 2.19k |
| 13 | 1 | Min | -677k | 21.8k | 402 | -0.254 | -1.05k | 28.1k | -680k | 21.8k | 402 | -0.254 | -693 | 16.7k | -689k | 21.8k | 402 | -0.254 | 100 | -18.6k |
| 13 | 1 | Max | -618k | 24.5k | 688 | -0.205 | -724 | 31.7k | -621k | 24.5k | 688 | -0.205 | -513 | 18.8k | -630k | 24.5k | 688 | -0.205 | 356 | -16.5k |
| 13 | 4 | Max | -407k | 13.6k | 811 | -0.213 | -1.16k | 17.6k | -410k | 13.6k | 811 | -0.213 | -729 | 10.4k | -417k | 13.6k | 811 | -0.213 | 507 | -10.3k |
| 13 | 5 | Max | -367k | 11.7k | 989 | -0.214 | -1.37k | 15.2k | -370k | 11.7k | 989 | -0.214 | -847 | 9.02k | -377k | 11.7k | 989 | -0.214 | 661 | -8.89k |
| 13 | 7 | Min | -432k | 11.4k | -1.10k | -6.58 | -2.59k | 16.0k | -434k | 11.4k | -1.10k | -6.58 | -1.16k | 9.94k | -441k | 11.4k | -1.10k | -6.58 | -1.99k | -13.2k |
| 13 | 7 | Max | -383k | 15.8k | 2.73k | 6.16 | 280 | 19.1k | -386k | 15.8k | 2.73k | 6.16 | -297 | 10.9k | -392k | 15.8k | 2.73k | 6.16 | 3.00k | -7.43k |
| 13 | 8 | Min | -481k | 5.85k | -6.03k | -23.1 | -6.28k | 12.0k | -484k | 5.85k | -6.03k | -23.1 | -2.27k | 8.66k | -491k | 5.85k | -6.03k | -23.1 | -8.41k | -20.7k |
| 13 | 8 | Max | -333k | 21.3k | 7.66k | 22.7 | 3.97k | 23.1k | -336k | 21.3k | 7.66k | 22.7 | 808 | 12.2k | -342k | 21.3k | 7.66k | 22.7 | 9.42k | 66.9 |
| 14 | 1 | Min | -688k | -2.90k | -21.6k | -711 | -13.2k | -15.7k | -414k | -5.27k | 5.23k | 11.7 | -6.26k | -3.11k | -281k | -2.41k | 11.9k | -25.1 | 6.81k | 2.60k |
| 14 | 1 | Max | -617k | -2.60k | -19.4k | -637 | -11.8k | -14.1k | -372k | -4.74k | 5.83k | 13.2 | -5.60k | -2.78k | -254k | -2.27k | 13.3k | -22.5 | 7.57k | 2.89k |
| 14 | 4 | Max | -393k | -1.67k | -12.4k | -407 | -7.46k | -9.05k | -238k | -3.04k | 3.32k | 7.37 | -3.56k | -1.78k | -164k | -1.42k | 7.42k | -14.4 | 4.27k | 1.67k |
| 14 | 5 | Max | -345k | -1.48k | -10.9k | -358 | -6.53k | -7.97k | -210k | -2.68k | 2.91k | 6.40 | -3.12k | -1.56k | -146k | -1.25k | 6.44k | -12.7 | 3.73k | 1.48k |
| 14 | 7 | Min | -407k | -2.15k | -25.6k | -438 | -12.8k | -9.93k | -262k | -3.77k | 2.73k | -4.28 | -4.45k | -2.02k | -214k | -1.78k | 922 | -24.3 | -79.0 | 165 |
| 14 | 7 | Max | -378k | -1.19k | 782 | -377 | -2.12k | -8.17k | -214k | -2.30k | 3.91k | 19.0 | -2.67k | -1.53k | -114k | -1.06k | 13.9k | -4.54 | 8.62k | 3.18k |
| 14 | 8 | Min | -440k | -3.41k | -59.9k | -519 | -26.6k | -12.2k | -324k | -5.69k | 1.18k | -34.3 | -6.80k | -2.68k | -344k | -2.71k | -15.7k | -50.7 | -11.3k | -3.79k |
| 14 | 8 | Max | -345k | 66.3 | 35.1k | -296 | 11.7k | -5.89k | -152k | -381 | 5.46k | 49.0 | -321 | -877 | 15.1k | -133 | 30.5k | 21.8 | 19.9k | 7.14k |
| 15 | 1 | Min | -208k | -685 | 11.2k | 39.9 | -8.58k | 1.42k | -177k | 778 | 603 | 0.346 | 522 | 618 | -192k | 470 | -14.4k | 8.31 | -5.38k | -450 |
| 15 | 1 | Max | -190k | -642 | 12.0k | 43.4 | -7.89k | 1.57k | -162k | 848 | 662 | 0.602 | 548 | 673 | -176k | 525 | -13.3k | 8.73 | -4.93k | -395 |
| 15 | 4 | Max | -126k | -441 | 7.75k | 26.0 | -5.32k | 934 | -109k | 519 | 397 | 89.7m | 374 | 415 | -119k | 316 | -8.94k | 5.60 | -3.30k | -266 |
| 15 | 5 | Max | -114k | -411 | 7.24k | 23.4 | -4.87k | 837 | -98.9k | 473 | 357 | -50.5m | 358 | 379 | -109k | 285 | -8.18k | 5.23 | -3.00k | -236 |
| 15 | 7 | Min | -246k | -2.36k | -2.28k | -34.7 | -8.46k | -731 | -230k | 184 | 297 | -22.2 | -857 | -138 | -265k | -974 | -21.2k | -19.7 | -10.0k | -2.27k |
| 15 | 7 | Max | -6.55k | 1.48k | 17.8k | 86.6 | -2.18k | 2.60k | 13.0k | 854 | 497 | 22.4 | 1.61k | 969 | 27.3k | 1.61k | 3.29k | 30.9 | 3.40k | 1.74k |
| 15 | 8 | Min | -562k | -7.53k | -29.1k | -194 | -16.7k | -5.10k | -555k | -689 | 43.2 | -80.0 | -4.17k | -1.62k | -654k | -4.29k | -53.6k | -86.3 | -27.8k | -7.47k |
| 15 | 8 | Max | 310k | 6.65k | 44.6k | 246 | 6.09k | 6.96k | 337k | 1.73k | 750 | 80.1 | 4.92k | 2.45k | 417k | 4.92k | 35.7k | 97.5 | 21.2k | 6.94k |
| 16 | 1 | Min | -786k | 2.52k | -3.56k | -0.133 | 4.73k | 3.71k | -789k | 2.52k | -3.56k | -0.133 | 2.22k | 1.81k | -796k | 2.52k | -3.56k | -0.133 | -3.07k | -2.21k |
| 16 | 1 | Max | -736k | 2.73k | -3.33k | -0.108 | 5.05k | 4.02k | -740k | 2.73k | -3.33k | -0.108 | 2.36k | 1.96k | -746k | 2.73k | -3.33k | -0.108 | -2.87k | -2.03k |
| 16 | 4 | Max | -484k | 1.82k | -2.24k | -0.112 | 3.19k | 2.68k | -487k | 1.82k | -2.24k | -0.112 | 1.50k | 1.30k | -492k | 1.82k | -2.24k | -0.112 | -1.92k | -1.47k |
| 16 | 5 | Max | -445k | 1.71k | -2.07k | -0.113 | 2.96k | 2.51k | -447k | 1.71k | -2.07k | -0.113 | 1.39k | 1.22k | -453k | 1.71k | -2.07k | -0.113 | -1.76k | -1.38k |
| 16 | 7 | Min | -506k | 1.68k | -5.20k | -3.46 | -69.7 | 2.04k | -509k | 1.68k | -5.20k | -3.46 | 470 | 756 | -514k | 1.68k | -5.20k | -3.46 | -5.40k | -1.89k |
| 16 | 7 | Max | -463k | 1.96k | 718 | 3.24 | 6.45k | 3.31k | -465k | 1.96k | 718 | 3.24 | 2.53k | 1.85k | -470k | 1.96k | 718 | 3.24 | 1.57k | -1.05k |
| 16 | 8 | Min | -551k | 1.33k | -13.1k | -12.2 | -8.80k | 343 | -554k | 1.33k | -13.1k | -12.2 | -2.29k | -698 | -559k | 1.33k | -13.1k | -12.2 | -14.7k | -2.96k |
| 16 | 8 | Max | -418k | 2.31k | 8.62k | 11.9 | 15.2k | 5.01k | -420k | 2.31k | 8.62k | 11.9 | 5.29k | 3.30k | -425k | 2.31k | 8.62k | 11.9 | 10.9k | 23.7 |
| 17 | 1 | Min | -289k | 2.83k | -4.11k | -0.133 | 5.34k | 4.17k | -293k | 2.83k | -4.11k | -0.133 | 2.49k | 2.03k | -299k | 2.83k | -4.11k | -0.133 | -3.57k | -2.43k |
| 17 | 1 | Max | -273k | 3.02k | -3.78k | -0.108 | 5.80k | 4.45k | -277k | 3.02k | -3.78k | -0.108 | 2.70k | 2.17k | -283k | 3.02k | -3.78k | -0.108 | -3.27k | -2.28k |
| 17 | 4 | Max | -191k | 1.92k | -2.56k | -0.112 | 3.62k | 2.84k | -194k | 1.92k | -2.56k | -0.112 | 1.68k | 1.39k | -199k | 1.92k | -2.56k | -0.112 | -2.22k | -1.55k |
| 17 | 5 | Max | -181k | 1.79k | -2.35k | -0.113 | 3.32k | 2.64k | -183k | 1.79k | -2.35k | -0.113 | 1.55k | 1.29k | -188k | 1.79k | -2.35k | -0.113 | -2.04k | -1.44k |
| 17 | 7 | Min | -209k | 892 | -4.03k | -3.46 | 2.18k | 1.80k | -211k | 892 | -4.03k | -3.46 | 1.35k | 1.06k | -216k | 892 | -4.03k | -3.46 | -4.14k | -2.88k |
| 17 | 7 | Max | -174k | 2.95k | -1.09k | 3.24 | 5.06k | 3.88k | -177k | 2.95k | -1.09k | 3.24 | 2.02k | 1.72k | -182k | 2.95k | -1.09k | 3.24 | -303 | -215 |
| 17 | 8 | Min | -251k | -1.74k | -7.83k | -12.2 | -1.53k | -810 | -254k | -1.74k | -7.83k | -12.2 | 505 | 265 | -259k | -1.74k | -7.83k | -12.2 | -9.08k | -6.32k |
| 17 | 8 | Max | -131k | 5.59k | 2.70k | 11.9 | 8.76k | 6.48k | -134k | 5.59k | 2.70k | 11.9 | 2.86k | 2.51k | -139k | 5.59k | 2.70k | 11.9 | 4.64k | 3.23k |
| 18 | 1 | Min | -323k | -3.23k | -944 | -93.0m | 1.36k | -5.25k | -327k | -3.23k | -944 | -93.0m | 461 | -1.93k | -333k | -3.23k | -944 | -93.0m | -949 | 2.98k |
| 18 | 1 | Max | -301k | -3.22k | -876 | -75.1m | 1.46k | -5.22k | -305k | -3.22k | -876 | -75.1m | 490 | -1.92k | -311k | -3.22k | -876 | -75.1m | -874 | 3.00k |
| 18 | 4 | Max | -205k | -2.42k | -588 | -78.1m | 912 | -3.93k | -208k | -2.42k | -588 | -78.1m | 309 | -1.45k | -213k | -2.42k | -588 | -78.1m | -588 | 2.24k |
| 18 | 5 | Max | -190k | -2.40k | -540 | -78.6m | 840 | -3.89k | -193k | -2. | | | | | | | | | | |

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|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 20 | 8 | Min | -638k | -3.45k | -1.34k | -13.1 | -4.01k | -3.33k | -641k | -3.45k | -1.34k | -13.1 | -4.51k | -1.00k | -646k | -3.45k | -1.34k | -13.1 | -5.92k | -5.16k |
| 20 | 8 | Max | -615k | 4.64k | 832 | 12.9 | 4.44k | 5.06k | -617k | 4.64k | 832 | 12.9 | 4.59k | 1.93k | -623k | 4.64k | 832 | 12.9 | 5.22k | 4.26k |
| 21 | 1 | Min | -850k | -16.5k | 2.12k | -0.138 | -3.44k | -22.6k | -853k | -16.5k | 2.12k | -0.138 | -1.81k | -11.5k | -860k | -16.5k | 2.12k | -0.138 | 1.64k | 12.2k |
| 21 | 1 | Max | -764k | -14.7k | 2.41k | -0.112 | -3.03k | -20.3k | -767k | -14.7k | 2.41k | -0.112 | -1.60k | -10.3k | -773k | -14.7k | 2.41k | -0.112 | 1.86k | 13.6k |
| 21 | 4 | Max | -489k | -9.41k | 1.30k | -0.116 | -1.86k | -12.9k | -492k | -9.41k | 1.30k | -0.116 | -0.977 | -6.57k | -497k | -9.41k | 1.30k | -0.116 | 1.01k | 7.77k |
| 21 | 5 | Max | -432k | -8.26k | 1.11k | -0.117 | -1.58k | -11.3k | -434k | -8.26k | 1.11k | -0.117 | -0.830 | -5.77k | -439k | -8.26k | 1.11k | -0.117 | 859 | 6.83k |
| 21 | 7 | Min | -509k | -10.1k | -799 | -3.59 | -3.94k | -13.5k | -512k | -10.1k | -799 | -3.59 | -1.65k | -6.76k | -517k | -10.1k | -799 | -3.59 | -1.53k | 6.65k |
| 21 | 7 | Max | -469k | -8.66k | 3.40k | 3.36 | 232 | -12.4k | -472k | -8.66k | 3.40k | 3.36 | -306 | -6.38k | -477k | -8.66k | 3.40k | 3.36 | 3.54k | 8.89k |
| 21 | 8 | Min | -561k | -12.0k | -6.39k | -12.6 | -9.49k | -14.9k | -563k | -12.0k | -6.39k | -12.6 | -3.43k | -7.27k | -568k | -12.0k | -6.39k | -12.6 | -8.27k | 3.78k |
| 21 | 8 | Max | -418k | -6.77k | 8.99k | 12.4 | 5.78k | -11.0k | -420k | -6.77k | 8.99k | 12.4 | 1.47k | -5.88k | -425k | -6.77k | 8.99k | 12.4 | 10.3k | 11.8k |
| 22 | 1 | Min | -816k | 2.71k | 4.01k | -0.133 | -6.37k | 4.00k | -819k | 2.71k | 4.01k | -0.133 | -3.10k | 1.95k | -826k | 2.71k | 4.01k | -0.133 | 3.25k | -2.32k |
| 22 | 1 | Max | -754k | 2.87k | 4.33k | -0.108 | -5.89k | 4.24k | -758k | 2.87k | 4.33k | -0.108 | -2.86k | 2.07k | -764k | 2.87k | 4.33k | -0.108 | 3.51k | -2.19k |
| 22 | 4 | Max | -510k | 1.87k | 2.86k | -0.112 | -4.19k | 2.76k | -513k | 1.87k | 2.86k | -0.112 | -2.03k | 1.35k | -518k | 1.87k | 2.86k | -0.112 | 2.34k | -1.50k |
| 22 | 5 | Max | -469k | 1.75k | 2.69k | -0.113 | -3.92k | 2.59k | -471k | 1.75k | 2.69k | -0.113 | -1.90k | 1.27k | -477k | 1.75k | 2.69k | -0.113 | 2.20k | -1.41k |
| 22 | 7 | Min | -522k | 1.70k | 216 | -3.46 | -7.02k | 2.23k | -525k | 1.70k | 216 | -3.46 | -2.87k | 826 | -530k | 1.70k | 216 | -3.46 | -877 | -2.07k |
| 22 | 7 | Max | -498k | 2.04k | 5.51k | 3.24 | -1.36k | 3.29k | -501k | 2.04k | 5.51k | 3.24 | -1.19k | 1.87k | -506k | 2.04k | 5.51k | 3.24 | 5.56k | -934 |
| 22 | 8 | Min | -549k | 1.26k | -6.75k | -12.2 | -14.4k | 816 | -552k | 1.26k | -6.75k | -12.2 | -5.07k | -543 | -557k | 1.26k | -6.75k | -12.2 | -9.36k | -3.53k |
| 22 | 8 | Max | -471k | 2.48k | 12.5k | 11.9 | 6.06k | 4.70k | -474k | 2.48k | 12.5k | 11.9 | 1.01k | 3.24k | -479k | 2.48k | 12.5k | 11.9 | 14.0k | 523 |
| 23 | 1 | Min | -191k | -1.58k | 2.39k | -99.6m | -5.09k | -3.17k | -198k | -1.58k | 2.39k | -99.6m | -1.40k | -769 | -204k | -1.58k | 2.39k | -99.6m | 2.29k | 1.55k |
| 23 | 1 | Max | -182k | -1.49k | 2.42k | -80.5m | -5.02k | -3.01k | -189k | -1.49k | 2.42k | -80.5m | -1.36k | -729 | -195k | -1.49k | 2.42k | -80.5m | 2.30k | 1.63k |
| 23 | 4 | Max | -130k | -1.06k | 1.82k | -83.6m | -3.81k | -2.12k | -135k | -1.06k | 1.82k | -83.6m | -1.03k | -514 | -140k | -1.06k | 1.82k | -83.6m | 1.75k | 1.10k |
| 23 | 5 | Max | -124k | -1.06k | 1.81k | -84.2m | -3.77k | -2.01k | -129k | -1.00k | 1.81k | -84.2m | -1.02k | -487 | -135k | -1.00k | 1.81k | -84.2m | 1.74k | 1.04k |
| 23 | 7 | Min | -145k | -1.49k | 1.52k | -2.59 | -4.85k | -3.27k | -150k | -1.49k | 1.52k | -2.59 | -1.65k | -1.13k | -155k | -1.49k | 1.52k | -2.59 | 1.33k | 664 |
| 23 | 7 | Max | -115k | -625 | 2.12k | 2.42 | -2.77k | -974 | -120k | -625 | 2.12k | 2.42 | -415 | 99.9 | -125k | -625 | 2.12k | 2.42 | 2.16k | 1.53k |
| 23 | 8 | Min | -182k | -2.51k | 831 | -9.09 | -7.42k | -6.14k | -187k | -2.51k | 831 | -9.09 | -3.23k | -2.70k | -192k | -2.51k | 831 | -9.09 | 322 | -337 |
| 23 | 8 | Max | -78.1k | 401 | 2.81k | 8.92 | -202 | 1.89k | -83.2k | 401 | 2.81k | 8.92 | 1.16k | 1.67k | -88.3k | 401 | 2.81k | 8.92 | 3.17k | 2.53k |
| 24 | 1 | Min | -410k | 10.3k | 6.90k | -0.213 | -10.5k | 15.1k | -414k | 10.3k | 6.90k | -0.213 | -5.28k | 7.29k | -423k | 10.3k | 6.90k | -0.213 | 5.34k | -8.99k |
| 24 | 1 | Max | -390k | 11.0k | 6.97k | -0.172 | -10.4k | 16.1k | -394k | 11.0k | 6.97k | -0.172 | -5.18k | 7.78k | -403k | 11.0k | 6.97k | -0.172 | 5.35k | -8.42k |
| 24 | 4 | Max | -270k | 7.07k | 5.16k | -0.178 | -7.75k | 10.3k | -273k | 7.07k | 5.16k | -0.178 | -3.86k | 5.01k | -280k | 7.07k | 5.16k | -0.178 | 4.01k | -5.77k |
| 24 | 5 | Max | -255k | 6.59k | 5.09k | -0.180 | -7.63k | 9.65k | -258k | 6.59k | 5.09k | -0.180 | -3.79k | 4.67k | -265k | 6.59k | 5.09k | -0.180 | 3.98k | -5.38k |
| 24 | 7 | Min | -297k | 5.75k | 3.95k | -5.52 | -8.53k | 9.20k | -300k | 5.75k | 3.95k | -5.52 | -4.58k | 4.68k | -307k | 5.75k | 3.95k | -5.52 | 1.67k | -7.67k |
| 24 | 7 | Max | -243k | 8.39k | 6.37k | 5.16 | -6.97k | 11.5k | -246k | 8.39k | 6.37k | 5.16 | -3.14k | 5.34k | -253k | 8.39k | 6.37k | 5.16 | 6.35k | -3.87k |
| 24 | 8 | Min | -366k | 2.43k | 955 | -19.4 | -10.1k | 6.41k | -370k | 2.43k | 955 | -19.4 | -6.34k | 3.99k | -376k | 2.43k | 955 | -19.4 | -4.36k | -12.5k |
| 24 | 8 | Max | -173k | 11.7k | 9.36k | 19.0 | -5.42k | 14.3k | -177k | 11.7k | 9.36k | 19.0 | -1.37k | 6.03k | -183k | 11.7k | 9.36k | 19.0 | 12.4k | 967 |
| 25 | 1 | Min | -431k | -2.60k | 1.36k | -84.2m | -2.24k | -3.70k | -433k | -2.60k | 1.36k | -84.2m | -1.12k | -1.73k | -439k | -2.60k | 1.36k | -84.2m | 1.04k | 2.08k |
| 25 | 1 | Max | -412k | -2.42k | 1.47k | -68.0m | -2.05k | -3.43k | -415k | -2.42k | 1.47k | -68.0m | -1.03k | -1.61k | -420k | -2.42k | 1.47k | -68.0m | 1.12k | 2.24k |
| 25 | 4 | Max | -281k | -1.69k | 977 | -70.6m | -1.47k | -2.40k | -283k | -1.69k | 977 | -70.6m | -736 | -1.12k | -287k | -1.69k | 977 | -70.6m | 755 | 1.45k |
| 25 | 5 | Max | -265k | -1.58k | 916 | -71.1m | -1.38k | -2.24k | -267k | -1.58k | 916 | -71.1m | -685 | -1.05k | -271k | -1.58k | 916 | -71.1m | 712 | 1.36k |
| 25 | 7 | Min | -286k | -2.81k | 881 | -2.19 | -1.91k | -3.68k | -288k | -2.81k | 881 | -2.19 | -1.20k | -1.56k | -292k | -2.81k | 881 | -2.19 | 175 | 172 |
| 25 | 7 | Max | -276k | -564 | 1.07k | 2.04 | -1.04k | -1.11k | -278k | -564 | 1.07k | 2.04 | -268 | -689 | -282k | -564 | 1.07k | 2.04 | 1.34k | 2.73k |
| 25 | 8 | Min | -298k | -5.71k | 652 | -7.68 | -3.06k | -6.98k | -300k | -5.71k | 652 | -7.68 | -2.44k | -2.68k | -304k | -5.71k | 652 | -7.68 | -1.34k | -3.12k |
| 25 | 8 | Max | -264k | 2.33k | 1.30k | 7.53 | 109 | 2.18k | -266k | 2.33k | 1.30k | 7.53 | 969 | 431 | -270k | 2.33k | 1.30k | 7.53 | 2.85k | 6.03k |
| 26 | 1 | Min | -451k | 2.71k | 1.47k | -84.2m | -2.42k | 3.94k | -454k | 2.71k | 1.47k | -84.2m | -1.21k | 1.90k | -459k | 2.71k | 1.47k | -84.2m | 1.14k | -2.40k |
| 26 | 1 | Max | -432k | 2.91k | 1.60k | -68.0m | -2.21k | 4.24k | -435k | 2.91k | 1.60k | -68.0m | -1.10k | 2.04k | -440k | 2.91k | 1.60k | -68.0m | 1.23k | -2.23k |
| 26 | 4 | Max | -294k | 1.87k | 1.06k | -70.6m | -1.59k | 2.73k | -296k | 1.87k | 1.06k | -70.6m | -788 | 1.31k | -301k | 1.87k | 1.06k | -70.6m | 825 | -1.54k |
| 26 | 5 | Max | -277k | 1.74k | 989 | -71.1m | -1.48k | 2.54k | -279k | 1.74k | 989 | -71.1m | -732 | 1.22k | -284k | 1.74k | 989 | -71.1m | 776 | -1.43k |
| 26 | 7 | Min | -299k | 757 | 950 | -2.19 | -2.02k | 1.45k | -301k | 757 | 950 | -2.19 | -1.27k | 875 | -305k | 757 | 950 | -2.19 | 221 | -2.81k |
| 26 | 7 | Max | -290k | 2.99k | 1.17k | 2.04 | -1.15k | 4.00k | -292k | 2.99k | 1.17k | 2.04 | -302 | 1.75k | -296k | 2.99k | 1.17k | 2.04 | 1.43k | -270 |
| 26 | 8 | Min | -309k | -2.12k | 687 | -7.68 | -3.18k | -1.85k | -311k | -2.12k | 687 | -7.68 | -2.56k | -267 | -316k | -2.12k | 687 | -7.68 | -1.37k | -6.09k |
| 26 | 8 | Max | -279k | 5.86k | 1.43k | 7.53 | 7.57 | 7.31k | -281k | 5.86k | 1.43k | 7.53 | 987 | 2.89k | -286k | 5.86k | 1.43k | 7.53 | 3.02k | 3.01k |
| 27 | 1 | Min | -148k | 1.94k | -10.2k | 137 | 5.07k | -3.98k | -121k | -1.81k | -147 | 1.01 | -35.7 | -1.04k | -119k | -969 | 5.52k | 2.67 | 1.24k | 1.40k |
| 27 | 1 | Max | -140k | 2.11k | -9.55k | 147 | 5.54k | -3.70k | -115k | -1.68k | -136 | 1.05 | -35.6 | -962 | -114k | -902 | 5.68k | 2.79 | 1.26k | 1.51k |
| 27 | 4 | Max | -97.1k | 1.30k | -6.54k | 92.4 | 3.37k | -2.52k | -81.1k | -1.14k | -91.7 | 0.676 | -27.3 | -647 | -81.6k | 4.03k | 1.86 | 925 | 956 | |
| 27 | 5 | Max | -91.2k | 1.19k | -6.07k | 85.2 | 3.06k | -2.33k | -76.9k | -1.05k | -84.2 | 0.632 | -27.2 | -594 | -78.1k | -568 | 3.91k | 1.76 | 911 | 883 |
| 27 | 7 | Min | -170k | -618 | -12.4k | 67.0 | 1.56k | -3.49k | -160k | -1.43k | -145 | -2.37 | -544 | -1.04k | -176k | -702 | -2.33k | -3.03 | -1.39k | 223 |
| 27 | 7 | Max | -24.6k | 3.23k | -648 | 118 | 5.18k | -1.56k | -2.48k | -853 | -37.9 | 3.72 | 489 | -254 | 12.4k | -527 | 10.4k | 6.76 | 3.24k | 1.69k |
| 27 | 8 | Min | -364k | -5.58k | -27.6k | 1.88 | -3.06k | -5.97k | -371k | -2.17k | -279 | -10.4 | -1.91k | -2.05k | -428k | -924 | -19.3k | -15.6 | -7.60k | -1.65k |
| 27 | 8 | Max | 170k | 8.19k | 14.5k | 183 | 9.80k | 924 | 209k | -115 | 95.8 | 11.8 | 1.85k | 758 | 265k | -305 | 27.4k | 19.3 | 9.45k | 3.56k |
| 28 | 1 | Min | -94.2k | -119 | 821 | -41.4m | -1.73k | -198 | -98.7k | -119 | 821 | -41.4m | -465 | -16.4 | -103k | -119 | 821 | -41.4m | 798 | 122 |
| 28 | 1 | Max | -88.1k | -78.6 | 832 | -33.4m | -1.71k | -118 | -92.6k | -78.6 | 832 | -33.4m | -455 | 1.88 | -97.1k | -78.6 | 832 | -33.4m | 803 | 165 |
| 28 | 4 | Max | -61.0k | -9.90 | 624 | -34.7m | -1.30k | 12.3 | -60.4k | -9.90 | 624 | -34.7m | -344 | 27.4 | -67.9k | -9.90 | 624 | -34.7m | 608 | 42.5 |
| 28 | 5 | Max | -56.9k | 18.5 | 619 | -34.9m | -1.28k | 69.4 | -64.4k | 18.5 | 619 | -34.9m | -339 | 41.2 | -63.8k | 18.5 | 619 | -34.9m | 605 | 13.1 |
| 28 | 7 | Min | -65.4k | -339 | 512 | -1.07 | -1.66k | -930 | -68.8k | -339 | 512 | -1.07 | -544 | -448 | -72.3k | -339 | 512 | -1.07 | 492 | -257 |
| 28 | 7 | Max | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|------|-------|--------|--------|------|--------|-------|--------|--------|--------|--------|------|--------|--------|--------|
| 31 | 1 | Min | -135k | 7.56k | -541 | 123 | 4.77k | 3.26k | -115k | 115 | -1.84k | 0.702 | 1.10k | -212 | -133k | -9.74k | -848 | -0.472 | -1.46k | 2.72k |
| 31 | 1 | Max | -130k | 7.59k | -499 | 133 | 5.17k | 3.31k | -111k | 123 | -1.69k | 0.760 | 1.19k | -204 | -128k | -9.38k | -782 | -0.388 | -1.34k | 2.83k |
| 31 | 4 | Max | -93.1k | 5.59k | -328 | 83.3 | 3.23k | 2.38k | -80.2k | 81.1 | -1.14k | 0.406 | 752 | -146 | -93.5k | -6.82k | -528 | -0.192 | -892 | 1.98k |
| 31 | 5 | Max | -89.5k | 5.53k | -297 | 76.8 | 2.96k | 2.33k | -77.5k | 76.5 | -1.04k | 0.345 | 693 | -140 | -90.5k | -6.59k | -485 | -0.132 | -811 | 1.91k |
| 31 | 7 | Min | -185k | 937 | -2.10k | 67.4 | 2.34k | 450 | -179k | 28.9 | -1.56k | -5.92 | 38.1 | -398 | -218k | -16.5k | -631 | -5.12 | -2.16k | -1.47k |
| 31 | 7 | Max | -1.43k | 10.3k | 1.45k | 99.3 | 4.11k | 4.31k | -19.1k | 133 | -715 | 6.73 | 1.46k | 106 | 31.5k | 2.86k | -426 | 4.74 | 372 | 5.43k |
| 31 | 8 | Min | -423k | -11.4k | -6.84k | 24.6 | 15.3 | -4.66k | -436k | -105 | -2.67k | -22.6 | -1.87k | -1.04k | -541k | -41.4k | -889 | -18.3 | -5.50k | -10.3k |
| 31 | 8 | Max | 237k | 22.6k | 6.19k | 142 | 6.44k | 9.42k | 276k | 268 | 389 | 23.4 | 3.38k | 753 | 354k | 27.8k | -167 | 17.9 | 3.72k | 14.3k |

Piano 1. Inviluppo Sollecitazioni Travi

| N° | Fam Cmb. | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|----------|-----|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| | | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | 1.24k | -813 | 12.3k | -1.01 | -2.39k | -116 | -613 | -7.21 | -15.1k | -0.734 | -3.02k | 1.95 | 4.40k | 1.92 | -19.3k | -2.67 | -6.58k | -1.48 |
| 1 | 1 | Max | 1.34k | -798 | 13.1k | -1.00 | -2.28k | -114 | -595 | -6.86 | -13.9k | -0.697 | -2.85k | 2.05 | 4.58k | 10.5 | -18.3k | -2.47 | -6.20k | -0.272 |
| 1 | 4 | Max | 715 | -533 | 8.10k | -0.676 | -1.50k | -76.4 | -398 | -4.72 | -9.52k | -0.480 | -1.96k | 1.34 | 2.91k | 3.14 | -12.3k | -1.66 | -4.15k | -0.444 |
| 1 | 5 | Max | 621 | -504 | 7.40k | -0.640 | -1.39k | -72.2 | -375 | -4.26 | -8.80k | -0.433 | -1.84k | 1.21 | 2.72k | -1.61 | -11.5k | -1.51 | -3.84k | 0.228 |
| 1 | 7 | Min | -14.2k | -1.46k | 2.32k | -3.78 | -2.79k | -209 | -807 | -30.3 | -12.7k | -3.08 | -2.78k | -5.91 | -2.66k | -581 | -15.0k | -2.35 | -4.72k | -83.1 |
| 1 | 7 | Max | 15.6k | 395 | 13.9k | 2.43 | -216 | 56.6 | 11.3 | 20.8 | -6.37k | 2.12 | -1.14k | 8.60 | 8.49k | 588 | -9.60k | -0.965 | -3.57k | 82.2 |
| 1 | 8 | Min | -54.1k | -3.85k | -13.2k | -12.1 | -6.25k | -551 | -1.89k | -95.8 | -21.0k | -9.74 | -4.85k | -24.5 | -17.5k | -2.09k | -21.9k | -4.14 | -6.21k | -297 |
| 1 | 8 | Max | 55.5k | 2.78k | 29.4k | 10.7 | 3.24k | 398 | 1.09k | 86.4 | 2.00k | 8.78 | 927 | 27.2 | 23.4k | 2.10k | -27.4k | 0.831 | -2.09k | 296 |
| 2 | 1 | Min | 621 | -2.55 | 79.2k | 9.73 | -17.8k | -4.93 | 621 | -2.55 | -14.7k | 9.73 | 48.0k | 69.7m | 621 | -2.55 | -112k | 9.73 | -68.2k | 4.15 |
| 2 | 1 | Max | 638 | -2.15 | 85.5k | 11.6 | -16.5k | -4.14 | 638 | -2.15 | -13.6k | 11.6 | 51.7k | 83.0m | 638 | -2.15 | -103k | 11.6 | -63.1k | 4.94 |
| 2 | 4 | Max | 361 | -0.679 | 53.5k | 4.18 | -10.9k | -1.31 | 361 | -0.679 | -9.51k | 4.18 | 32.3k | 22.1m | 361 | -0.679 | -70.5k | 4.18 | -43.7k | 1.31 |
| 2 | 5 | Max | 320 | -0.285 | 49.3k | 2.58 | -9.96k | -0.551 | 320 | -0.285 | -8.84k | 2.58 | 29.8k | 9.27m | 320 | -0.285 | -65.0k | 2.58 | -40.5k | 0.551 |
| 2 | 7 | Min | -325 | -5.32 | 50.2k | -5.80 | -15.4k | -10.3 | -325 | -5.32 | -12.8k | -5.80 | 30.2k | -0.129 | -325 | -5.32 | -73.8k | -5.80 | -52.1k | -7.66 |
| 2 | 7 | Max | 1.05k | 3.96 | 56.9k | 14.2 | -6.43k | 7.65 | 1.05k | 3.96 | -6.17k | 14.2 | 34.4k | 0.173 | 1.05k | 3.96 | -67.1k | 14.2 | -35.3k | 10.3 |
| 2 | 8 | Min | -2.16k | -17.4 | 41.3k | -31.3 | -27.3k | -33.6 | -2.16k | -17.4 | -21.7k | -31.3 | 24.7k | -0.522 | -2.16k | -17.4 | -82.7k | -31.3 | -74.6k | -31.0 |
| 2 | 8 | Max | 2.88k | 16.0 | 65.7k | 39.7 | 5.46k | 31.0 | 2.88k | 16.0 | 2.71k | 39.7 | 40.0k | 0.566 | 2.88k | 16.0 | -58.3k | 39.7 | -12.8k | 33.6 |
| 3 | 1 | Min | -748 | 5.16 | 87.6k | -58.4 | -70.1k | 10.4 | -748 | 5.16 | 9.23k | -58.4 | 31.2k | 0.168 | -748 | 5.16 | -76.9k | -58.4 | -35.4k | -11.6 |
| 3 | 1 | Max | -747 | 5.75 | 94.0k | -54.0 | -65.1k | 11.6 | -747 | 5.75 | 9.96k | -54.0 | 33.4k | 0.187 | -747 | 5.75 | -71.7k | -54.0 | -32.9k | -10.4 |
| 3 | 4 | Max | -432 | 2.75 | 60.0k | -33.1 | -44.6k | 5.55 | -432 | 2.75 | 6.15k | -33.1 | 21.2k | 89.2m | -432 | 2.75 | -49.5k | -33.1 | -23.3k | -5.55 |
| 3 | 5 | Max | -381 | 2.21 | 55.7k | -29.3 | -41.5k | 4.48 | -381 | 2.21 | 5.70k | -29.3 | 19.6k | 72.0m | -381 | 2.21 | -46.0k | -29.3 | -21.8k | -4.48 |
| 3 | 7 | Min | -693 | 0.897 | 58.1k | -42.6 | -48.5k | 1.82 | -693 | 0.897 | 4.26k | -42.6 | 21.0k | 29.2m | -693 | 0.897 | -51.3k | -42.6 | -27.0k | -9.29 |
| 3 | 7 | Max | -171 | 4.59 | 61.9k | -23.5 | -40.7k | 9.29 | -171 | 4.59 | 8.03k | -23.5 | 21.4k | 0.149 | -171 | 4.59 | -47.6k | -23.5 | -19.6k | -1.82 |
| 3 | 8 | Min | -1.39k | -3.89 | 53.1k | -68.1 | -59.0k | -7.86 | -1.39k | -3.89 | -749 | -68.1 | 20.4k | -0.126 | -1.39k | -3.89 | -56.3k | -68.1 | -36.8k | -19.0 |
| 3 | 8 | Max | 528 | 9.38 | 66.9k | 1.94 | -30.2k | 19.0 | 528 | 9.38 | 13.0k | 1.94 | 22.0k | 0.305 | 528 | 9.38 | -42.6k | 1.94 | -9.76k | 7.86 |
| 4 | 1 | Min | 3.80k | 113 | 42.8k | 161 | -23.0k | 118 | 3.80k | 113 | 1.31k | 161 | 1.62k | 10.3m | 3.80k | 113 | -43.1k | 161 | -20.3k | -127 |
| 4 | 1 | Max | 4.05k | 121 | 45.7k | 164 | -21.3k | 127 | 4.05k | 121 | 1.46k | 164 | 1.95k | 11.0m | 4.05k | 121 | -39.9k | 164 | -18.2k | -118 |
| 4 | 4 | Max | 2.68k | 112 | 30.7k | 122 | -15.8k | 118 | 2.68k | 112 | 2.30k | 122 | 1.54k | 10.2m | 2.68k | 112 | -26.1k | 122 | -11.0k | -118 |
| 4 | 5 | Max | 2.67k | 120 | 29.0k | 120 | -14.9k | 126 | 2.67k | 120 | 2.61k | 120 | 1.72k | 10.9m | 2.67k | 120 | -23.8k | 120 | -9.41k | -126 |
| 4 | 7 | Min | 1.61k | 53.4 | 27.2k | 110 | -19.5k | 56.0 | 1.61k | 53.4 | -1.25k | 110 | 1.27k | 4.86m | 1.61k | 53.4 | -29.7k | 110 | -14.7k | -179 |
| 4 | 7 | Max | 3.74k | 171 | 34.3k | 134 | -12.0k | 179 | 3.74k | 171 | 5.85k | 134 | 1.81k | 15.6m | 3.74k | 171 | -22.6k | 134 | -7.25k | -56.0 |
| 4 | 8 | Min | -1.19k | -103 | 17.7k | 78.8 | -29.6k | -108 | -1.19k | -103 | -10.7k | 78.8 | 612 | -9.39m | -1.19k | -103 | -39.1k | 78.8 | -24.6k | -344 |
| 4 | 8 | Max | 6.55k | 327 | 43.7k | 165 | -1.98k | 344 | 6.55k | 327 | 15.3k | 165 | 2.46k | 29.8m | 6.55k | 327 | -13.1k | 165 | 2.62k | 108 |
| 5 | 1 | Min | 1.28k | -0.102 | 34.6k | -5.10 | -24.2k | -0.253 | 1.28k | -0.102 | -320 | -5.10 | 18.7k | 0 | 1.28k | -0.102 | -35.5k | -5.10 | -25.8k | 0.122 |
| 5 | 1 | Max | 1.37k | -49.0m | 34.8k | -4.77 | -24.0k | -0.122 | 1.37k | -49.0m | -308 | -4.77 | 18.7k | 0 | 1.37k | -49.0m | -35.3k | -4.77 | -25.5k | 0.253 |
| 5 | 4 | Max | 1.25k | -67.6m | 26.5k | -3.17 | -18.2k | -0.168 | 1.25k | -67.6m | -146 | -3.17 | 14.5k | 0 | 1.25k | -67.6m | -26.8k | -3.17 | -19.0k | 0.168 |
| 5 | 5 | Max | 1.33k | -86.4m | 26.4k | -2.92 | -18.1k | -0.215 | 1.33k | -86.4m | -118 | -2.92 | 14.6k | 0 | 1.33k | -86.4m | -26.6k | -2.92 | -18.7k | 0.215 |
| 5 | 7 | Min | 515 | -0.231 | 25.1k | -4.29 | -21.6k | -0.573 | 515 | -0.231 | -1.53k | -4.29 | 14.5k | 0 | 515 | -0.231 | -28.2k | -4.29 | -22.4k | -0.237 |
| 5 | 7 | Max | 1.98k | 95.4m | 27.9k | -2.05 | -14.8k | 0.237 | 1.98k | 95.4m | 1.24k | -2.05 | 14.6k | 0 | 1.98k | 95.4m | -25.4k | -2.05 | -15.5k | 0.573 |
| 5 | 8 | Min | -1.44k | -0.663 | 21.4k | -7.30 | -30.7k | -1.65 | -1.44k | -0.663 | -5.21k | -7.30 | 14.4k | 0 | -1.44k | -0.663 | -31.9k | -7.30 | -31.7k | -1.31 |
| 5 | 8 | Max | 3.93k | 0.528 | 31.6k | 0.956 | -5.79k | 1.31 | 3.93k | 0.528 | 4.92k | 0.956 | 14.7k | 0 | 3.93k | 0.528 | -21.7k | 0.956 | -6.23k | 1.65 |
| 6 | 1 | Min | -926 | -3.46 | 49.2k | 16.3 | -14.4k | -4.09 | -926 | -3.46 | -658 | 16.3 | 15.4k | -60.5m | -926 | -3.46 | -56.0k | 16.3 | -17.1k | 3.97 |
| 6 | 1 | Max | -849 | -3.36 | 53.7k | 16.8 | -12.9k | -3.97 | -849 | -3.36 | -321 | 16.8 | 16.7k | -58.8m | -849 | -3.36 | -52.0k | 16.8 | -16.2k | 4.09 |
| 6 | 4 | Max | -562 | -2.53 | 33.3k | 12.2 | -8.95k | -2.99 | -562 | -2.53 | -274 | 12.2 | 10.3k | -44.3m | -562 | -2.53 | -34.9k | 12.2 | -10.8k | 2.99 |
| 6 | 5 | Max | -510 | -2.48 | 30.5k | 11.9 | -8.12k | -2.94 | -510 | -2.48 | -343 | 11.9 | 9.42k | -43.4m | -510 | -2.48 | -32.1k | 11.9 | -10.0k | 2.94 |
| 6 | 7 | Min | -765 | -2.74 | 30.1k | 10.5 | -13.9k | -3.23 | -765 | -2.74 | -3.51k | 10.5 | 9.08k | -47.9m | -765 | -2.74 | -38.1k | 10.5 | -13.5k | 2.75 |
| 6 | 7 | Max | -359 | -2.33 | 36.6k | 13.9 | -3.95k | -2.75 | -359 | -2.33 | 2.96k | 13.9 | 11.5k | -40.8m | -359 | -2.33 | -31.6k | 13.9 | -8.12k | 3.23 |
| 6 | 8 | Min | -1.31k | -3.27 | 21.5k | 6.14 | -27.3k | -3.86 | -1.31k | -3.27 | -12.1k | 6.14 | 5.81k | -57.2m | -1.31k | -3.27 | -46.8k | 6.14 | -20.6k | 2.12 |
| 6 | 8 | Max | 184 | -1.80 | 45.2k | 18.2 | 9.37k | -2.12 | 184 | -1.80 | 11.6k | 18.2 | 14.8k | -31.4m | 184 | -1.80 | -23.0k | 18.2 | -1.02k | 3.86 |
| 7 | 1 | Min | 127 | 15.7m | 41.5k | -0.137 | -15.7k | 15.1m | 127 | 15.7m | 259 | -0.137 | 5.60k | 0 | 127 | 15.7m | -44.4k | -0.137 | -15.1k | -20.5m |
| 7 | 1 | Max | 137 | 21.3m | 45.1k | -0.121 | -14.6k | 20.5m | 137 | 21.3m | 311 | -0.121 | 6.24k | 0 | 137 | 21.3m | -41.0k | -0.121 | -14.1k | -15.1m |
| 7 | 4 | Max | 91.4 | 3.05m | 28.0k | -51.1m | -9.84k | 2.94m | 91.4 | 3.05m | 200 | -51.1m | 3.78k | 0 | 91.4 | 3.05m | -27.6k | -51.1m | -9.45k | -2.94m |
| 7 | 5 | Max | 92.0 | 1.64m | 25.7k | -43.0m | -9.08k | 1.58m | 92.0 | 1.64m | 183 | -43.0m | 3.40k | 0 | 92.0 | 1.64m | -25.3k | -43.0m | -8.73k | -1.58m |
| 7 | 7 | Min | -43.7 | -0.302 | 25.7k | -1.14 | -12.8k | -0.291 | -43.7 | -0.302 | -2.17k | -1.14 | 2.76k | 0 | -43.7 | -0.302 | -30.0k | -1.14 | -11.3k | -0.297 |
| 7 | 7 | Max | 227 | 0.308 | 30.4k | 1.04 | -6.84k | 0.297 | 227 | 0.308 | 2.57k | 1.04 | 4.80k | 0 | 227 | 0.308 | -25.3k | 1.04 | -7.64k | 0.29 |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 9 | 7 | Min | -21.8k | -5.08k | 4.75k | -4.49 | -2.41k | -671 | -9.80k | -74.2 | -9.78k | 1.94 | -7.99k | -63.6 | -13.7k | -5.11k | -15.4k | -5.68 | -3.20k | -341 |
| 9 | 7 | Max | 39.8k | 1.61k | 12.3k | 8.75 | 16.6 | 212 | 4.44k | 165 | -5.53k | 4.38 | 1.17k | 28.6 | 44.4k | 2.59k | -8.38k | 4.48 | -1.96k | 674 |
| 9 | 8 | Min | -104k | -14.0k | -4.51k | -22.2 | -5.67k | -1.84k | -28.6k | -392 | -14.9k | -1.17 | -19.9k | -186 | -91.8k | -15.4k | -24.6k | -19.2 | -4.85k | -1.70k |
| 9 | 8 | Max | 122k | 10.5k | 21.5k | 26.4 | 3.27k | 1.39k | 23.3k | 483 | -453 | 7.49 | 13.1k | 151 | 122k | 12.9k | 829 | 18.0 | -307 | 2.03k |
| 10 | 1 | Min | 82.4 | -1.63 | 88.4k | 10.8 | -25.6k | -3.62 | 82.4 | -1.63 | -11.1k | 10.8 | 63.0k | 0.85m | 82.4 | -1.63 | -117k | 10.8 | -74.9k | 3.42 |
| 10 | 1 | Max | 89.4 | -1.54 | 95.3k | 12.1 | -23.8k | -3.41 | 89.4 | -1.54 | -10.2k | 12.1 | 67.8k | 0.90m | 89.4 | -1.54 | -109k | 12.1 | -69.1k | 3.63 |
| 10 | 4 | Max | 49.6 | -1.07 | 60.0k | 8.30 | -16.0k | -2.38 | 49.6 | -1.07 | -7.08k | 8.30 | 42.7k | 0.59m | 49.6 | -1.07 | -74.1k | 8.30 | -47.5k | 2.38 |
| 10 | 5 | Max | 43.2 | -1.01 | 55.3k | 7.80 | -14.8k | -2.23 | 43.2 | -1.01 | -6.55k | 7.80 | 39.4k | 0.56m | 43.2 | -1.01 | -68.4k | 7.80 | -43.8k | 2.23 |
| 10 | 7 | Min | -409 | -2.83 | 57.1k | -0.852 | -21.0k | -6.28 | -409 | -2.83 | -9.94k | -0.852 | 41.2k | -0.54m | -409 | -2.83 | -77.0k | -0.852 | -55.2k | -1.53 |
| 10 | 7 | Max | 508 | 0.687 | 62.8k | 17.5 | -11.1k | 1.52 | 508 | 0.687 | -4.22k | 17.5 | 44.1k | 1.72m | 508 | 0.687 | -71.3k | 17.5 | -39.7k | 6.28 |
| 10 | 8 | Min | -1.64k | -7.53 | 49.4k | -25.1 | -34.3k | -16.7 | -1.64k | -7.53 | -17.6k | -25.1 | 37.5k | -3.56m | -1.64k | -7.53 | -84.7k | -25.1 | -76.0k | -12.0 |
| 10 | 8 | Max | 1.74k | 5.39 | 70.5k | 41.7 | 2.27k | 12.0 | 1.74k | 5.39 | 3.45k | 41.7 | 47.8k | 4.74m | 1.74k | 5.39 | -63.6k | 41.7 | -19.0k | 16.7 |
| 11 | 1 | Min | 841 | -68.8m | 83.6k | 1.65 | -66.2k | -0.132 | 841 | -68.8m | -1.89k | 1.65 | 17.7k | 0 | 841 | -68.8m | -94.1k | 1.65 | -73.1k | 83.9m |
| 11 | 1 | Max | 903 | -43.6m | 90.4k | 2.09 | -61.0k | -83.9m | 903 | -43.6m | -1.81k | 2.09 | 19.1k | 0 | 903 | -43.6m | -87.4k | 2.09 | -68.2k | 0.132 |
| 11 | 4 | Max | 584 | -11.2m | 57.1k | 0.745 | -42.2k | -21.5m | 584 | -11.2m | -984 | 0.745 | 11.9k | 0 | 584 | -11.2m | -59.1k | 0.745 | -46.0k | 21.5m |
| 11 | 5 | Max | 544 | -10.9m | 52.7k | 0.707 | -39.0k | -20.9m | 544 | -10.9m | -896 | 0.707 | 10.9k | 0 | 544 | -10.9m | -54.5k | 0.707 | -42.4k | 20.9m |
| 11 | 7 | Min | 511 | -0.393 | 54.8k | -6.66 | -46.3k | -0.757 | 511 | -0.393 | -3.38k | -6.66 | 11.0k | 0 | 511 | -0.393 | -61.5k | -6.66 | -51.1k | -0.714 |
| 11 | 7 | Max | 658 | 0.371 | 59.5k | 8.15 | -38.0k | 0.714 | 658 | 0.371 | 1.41k | 8.15 | 12.7k | 0 | 658 | 0.371 | -56.7k | 8.15 | -40.8k | 0.757 |
| 11 | 8 | Min | 316 | -1.39 | 48.5k | -26.0 | -57.1k | -2.68 | 316 | -1.39 | -9.68k | -26.0 | 8.73k | 0 | 316 | -1.39 | -67.8k | -26.0 | -64.9k | -2.64 |
| 11 | 8 | Max | 853 | 1.37 | 65.8k | 27.5 | -27.2k | 2.64 | 853 | 1.37 | 7.71k | 27.5 | 15.0k | 0 | 853 | 1.37 | -50.4k | 27.5 | -27.0k | 2.68 |
| 12 | 1 | Min | 359 | 1.20 | 116k | -13.9 | -85.5k | 2.84 | 359 | 1.20 | 11.0k | -13.9 | 70.0k | 0.77m | 359 | 1.20 | -101k | -13.9 | -30.1k | -2.98 |
| 12 | 1 | Max | 387 | 1.26 | 125k | -12.9 | -79.5k | 2.98 | 387 | 1.26 | 11.7k | -12.9 | 75.6k | 0.80m | 387 | 1.26 | -93.8k | -12.9 | -27.8k | -2.84 |
| 12 | 4 | Max | 236 | 0.848 | 78.7k | -8.57 | -54.0k | 2.00 | 236 | 0.848 | 7.45k | -8.57 | 47.7k | 0.54m | 236 | 0.848 | -63.8k | -8.57 | -18.8k | -2.00 |
| 12 | 5 | Max | 215 | 0.807 | 72.7k | -7.83 | -50.0k | 1.90 | 215 | 0.807 | 6.92k | -7.83 | 43.9k | 0.51m | 215 | 0.807 | -58.8k | -7.83 | -17.3k | -1.90 |
| 12 | 7 | Min | -176 | -0.397 | 76.6k | -14.1 | -59.9k | -0.937 | -176 | -0.397 | 5.31k | -14.1 | 46.8k | -0.25m | -176 | -0.397 | -66.0k | -14.1 | -23.1k | -4.94 |
| 12 | 7 | Max | 648 | 2.09 | 80.9k | -3.05 | -48.2k | 4.94 | 648 | 2.09 | 9.60k | -3.05 | 48.6k | 1.33m | 648 | 2.09 | -61.7k | -3.05 | -14.5k | 0.937 |
| 12 | 8 | Min | -1.28k | -3.63 | 71.0k | -28.1 | -75.1k | -8.56 | -1.28k | -3.63 | -264 | -28.1 | 44.5k | -2.31m | -1.28k | -3.63 | -71.5k | -28.1 | -34.4k | -12.6 |
| 12 | 8 | Max | 1.75k | 5.32 | 86.4k | 10.9 | -33.0k | 12.6 | 1.75k | 5.32 | 15.2k | 10.9 | 50.9k | 3.39m | 1.75k | 5.32 | -56.1k | 10.9 | -3.28k | 8.56 |
| 13 | 1 | Min | 10.7k | -6.52k | 4.30k | 6.69 | -1.29k | -923 | -891 | 16.2 | 338 | 1.92 | 86.4 | 0 | -12.7k | -0.159 | -7.82k | -0.159 | -1.89k | -4.35 |
| 13 | 1 | Max | 10.9k | -6.02k | 4.66k | 7.24 | -1.26k | -853 | -857 | 17.4 | 423 | 2.06 | 111 | 0 | -11.6k | 30.7 | -7.56k | -84.0m | -1.78k | 22.5m |
| 13 | 4 | Max | 7.85k | -4.11k | 3.79k | 4.51 | -915 | -582 | -613 | 11.2 | 324 | 1.34 | 117 | 0 | -7.79k | 58.5 | -5.55k | 6.39m | -1.24k | -8.29 |
| 13 | 5 | Max | 7.68k | -3.79k | 3.97k | 4.14 | -888 | -537 | -589 | 10.5 | 356 | 1.25 | 135 | 0 | -7.09k | 78.7 | -5.38k | 49.0m | -1.17k | -11.1 |
| 13 | 7 | Min | -15.0k | -7.73k | -3.41k | -2.73 | -1.56k | -1.09k | -983 | 3.50 | -4.07k | 0.415 | -144 | 0 | -43.8k | -5.46k | -12.3k | -7.74 | -4.43k | -790 |
| 13 | 7 | Max | 30.7k | -491 | 11.0k | 11.7 | -271 | -69.6 | -244 | 19.0 | 4.72k | 2.26 | 379 | 0 | 28.2k | 5.58k | 1.15k | 7.76 | 1.95k | 773 |
| 13 | 8 | Min | -74.0k | -17.4k | -22.7k | -22.0 | -3.26k | -2.47k | -1.95k | -16.5 | -15.6k | -1.96 | -828 | 0 | -137k | -20.2k | -30.3k | -28.3 | -12.7k | -2.88k |
| 13 | 8 | Max | 89.7k | 9.19k | 30.2k | 31.1 | 1.43k | 1.30k | 724 | 39.0 | 16.2k | 4.63 | 1.06k | 0 | 121k | 20.3k | 19.2k | 28.3 | 10.2k | 2.86k |
| 14 | 1 | Min | 6.95k | 10.4 | 72.2k | 37.6 | -18.6k | 22.0 | 6.95k | 10.4 | -5.63k | 37.6 | 52.8k | 0.176 | 6.95k | 10.4 | -89.7k | 37.6 | -45.4k | -24.2 |
| 14 | 1 | Max | 7.49k | 11.4 | 77.1k | 41.5 | -17.6k | 24.2 | 7.49k | 11.4 | -5.15k | 41.5 | 56.4k | 0.194 | 7.49k | 11.4 | -83.8k | 41.5 | -42.2k | -22.0 |
| 14 | 4 | Max | 4.69k | 6.71 | 49.9k | 25.5 | -12.2k | 14.2 | 4.69k | 6.71 | -3.60k | 25.5 | 36.4k | 0.114 | 4.69k | 6.71 | -58.0k | 25.5 | -29.3k | -14.2 |
| 14 | 5 | Max | 4.31k | 5.98 | 46.6k | 23.2 | -11.4k | 12.7 | 4.31k | 5.98 | -3.33k | 23.2 | 34.0k | 0.101 | 4.31k | 5.98 | -54.1k | 23.2 | -27.3k | -12.7 |
| 14 | 7 | Min | 2.75k | -4.61 | 48.3k | 20.6 | -15.1k | -9.76 | 2.75k | -4.61 | -5.23k | 20.6 | 35.8k | -89.8m | 2.75k | -4.61 | -59.6k | 20.6 | -33.3k | -38.2 |
| 14 | 7 | Max | 6.62k | 18.0 | 51.5k | 30.5 | -9.26k | 38.2 | 6.62k | 18.0 | -1.97k | 30.5 | 37.0k | 0.317 | 6.62k | 18.0 | -56.3k | 30.5 | -25.3k | 9.77 |
| 14 | 8 | Min | -2.23k | -35.0 | 43.9k | 8.09 | -22.8k | -74.0 | -2.23k | -35.0 | -9.54k | 8.09 | 34.3k | -0.635 | -2.23k | -35.0 | -63.9k | 8.09 | -43.9k | -102 |
| 14 | 8 | Max | 11.6k | 48.4 | 55.8k | 43.0 | -1.58k | 102 | 11.6k | 48.4 | 2.34k | 43.0 | 38.6k | 0.862 | 11.6k | 48.4 | -52.0k | 43.0 | -14.7k | 74.0 |
| 15 | 1 | Min | 3.08k | 0.588 | 34.2k | -2.80 | -40.8k | 0.523 | 3.08k | 0.588 | 1.41k | -2.80 | -23.8k | 0 | 3.08k | 0.588 | -33.5k | -2.80 | -38.0k | -0.582 |
| 15 | 1 | Max | 3.31k | 0.654 | 36.6k | -2.53 | -37.9k | 0.582 | 3.31k | 0.654 | 1.59k | -2.53 | -22.1k | 0 | 3.31k | 0.654 | -31.4k | -2.53 | -35.4k | -0.523 |
| 15 | 4 | Max | 2.14k | 0.391 | 23.7k | -1.70 | -26.3k | 0.348 | 2.14k | 0.391 | 995 | -1.70 | -15.3k | 0 | 2.14k | 0.391 | -21.7k | -1.70 | -24.5k | -0.348 |
| 15 | 5 | Max | 1.99k | 0.347 | 22.1k | -1.53 | -24.5k | 0.309 | 1.99k | 0.347 | 905 | -1.53 | -14.3k | 0 | 1.99k | 0.347 | -20.3k | -1.53 | -22.9k | -0.309 |
| 15 | 7 | Min | 2.06k | -1.98 | 22.3k | -9.63 | -28.0k | -1.77 | 2.06k | -1.98 | -318 | -9.63 | -16.1k | 0 | 2.06k | -1.98 | -23.0k | -9.63 | -25.5k | -2.46 |
| 15 | 7 | Max | 2.22k | 2.77 | 25.0k | 6.22 | -24.6k | 2.46 | 2.22k | 2.77 | 2.31k | 6.22 | -14.6k | 0 | 2.22k | 2.77 | -20.4k | 6.22 | -23.6k | 1.77 |
| 15 | 8 | Min | 1.85k | -8.10 | 19.0k | -30.1 | -32.3k | -7.21 | 1.85k | -8.10 | -3.67k | -30.1 | -17.9k | 0 | 1.85k | -8.10 | -26.3k | -30.1 | -28.0k | -7.90 |
| 15 | 8 | Max | 2.43k | 8.88 | 28.3k | 26.7 | -20.3k | 7.90 | 2.43k | 8.88 | 5.66k | 26.7 | -12.8k | 0 | 2.43k | 8.88 | -17.0k | 26.7 | -21.0k | 7.21 |
| 16 | 1 | Min | -7.73k | -10.3 | 76.7k | 14.4 | -41.6k | -20.9 | -7.73k | -10.3 | 1.19k | 14.4 | 41.1k | 0.177 | -7.73k | -10.3 | -78.0k | 14.4 | -33.3k | 20.5 |
| 16 | 1 | Max | -7.24k | -10.1 | 82.1k | 15.3 | -38.7k | -20.5 | -7.24k | -10.1 | 1.36k | 15.3 | 44.0k | 0.180 | -7.24k | -10.1 | -73.0k | 15.3 | -31.3k | 20.9 |
| 16 | 4 | Max | -4.98k | -7.52 | 53.1k | 11.9 | -27.0k | -15.3 | -4.98k | -7.52 | 919 | 11.9 | 28.4k | 0.132 | -4.98k | -7.52 | -50.4k | 11.9 | -21.4k | 15.3 |
| 16 | 5 | Max | -4.65k | -7.39 | 49.6k | 12.3 | -25.2k | -15.0 | -4.65k | -7.39 | 858 | 12.3 | 26.5k | 0.129 | -4.65k | -7.39 | -47.0k | 12.3 | -20.0k | 15.0 |
| 16 | 7 | Min | -5.88k | -11.2 | 50.7k | 4.24 | -30.5k | -22.8 | -5.88k | -11.2 | -1.49k | 4.24 | 26.9k | 66.7m | -5.88k | -11.2 | -52.8k | 4.24 | -27.8k | 7.75 |
| 16 | 7 | Max | -4.09k | -3.81 | 55.5k | 19.5 | -23.5k | -7.75 | -4.09k | -3.81 | 3.33k | 19.5 | 29.9k | 0.196 | -4.09k | -3.81 | -48.0k | 19.5 | -15.1k | 22.8 |
| 16 | 8 | Min | -8.15k | -20.7 | 44.5k | -15.5 | -39.5k | -42.1 | -8.15k | -20.7 | -7.71k | -15.5 | 23.1k | -99.7m | -8.15k | -20.7 | -59.0k | -15.5 | -44.1k | -11.6 |
| 16 | 8 | Max | -1.82k | 5.69 | 61.8k | 39.3 | -14.5k | 11.6 | -1.82k | 5.69 | 9.55k | 39.3 | 33.7k | 0.363 | -1.82k | 5.69 | -41.8k | 39.3 | 1.20k | 42.1 |
| 17 | 1 | Min | -1.25k | 13.7 | 26.6k | -7.10 | -9.87k | 16.5 | -1.25k | 13.7 | 1.34k | -7.10 | 9.24k | 0 | -1.25k | 13.7 | -24.7k | -7.10 | -5.56k | -18.6 |
| 17 | 1 | Max | -1.22k | 15.5 | 28.3k | -6.06 | -8.87k | 18.6 | -1.22k | 15.5 | 1.80k | -6.06 | 9.75k | 0 | -1.22k | 15.5 | -23.9k | -6.06 | -5.65k | -16.5 |
| 17 | 4 | Max | -1.01k | 8.52 | 18.6k | -3.52 | -5.85k | 10.2 | -1.01k | 8.52 | 650 | -3.52 | 6.55k | 0 | -1.01k | 8.52 | -17.3k | -3.52 | -4.29k | -10.2 |
| 17 | 5 | Max | -1.04k | 7.32 | 17.5k | -2.84 | -5.23k | 8.79 | -1.04k | 7.32 | 385 | -2.84 | 6 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 19 | 8 | Min | 1.14k | -3.65 | 61.0k | -8.02 | -59.2k | -7.85 | 1.14k | -3.65 | -3.02k | -8.02 | 24.1k | -0.184 | 1.14k | -3.65 | -64.2k | -8.02 | -46.5k | -7.92 |
| 19 | 8 | Max | 5.84k | 3.69 | 72.0k | 7.66 | -39.7k | 7.92 | 5.84k | 3.69 | 7.96k | 7.66 | 28.8k | 0.183 | 5.84k | 3.69 | -53.2k | 7.66 | -18.7k | 7.85 |
| 20 | 1 | Min | -15.8k | 10.2k | -1.51k | 25.7 | 1.18k | 1.27k | -645 | 6.11 | 8.85k | 0.713 | 570 | -0.148 | -24.8k | 9.53k | -23.2k | 19.6 | -7.40k | -1.26k |
| 20 | 1 | Max | -15.7k | 11.4k | -1.45k | 28.5 | 1.41k | 1.41k | -611 | 6.62 | 9.65k | 0.769 | 654 | -0.137 | -22.3k | 10.4k | -21.3k | 21.3 | -6.73k | -1.15k |
| 20 | 4 | Max | -12.2k | 6.61k | -897 | 16.5 | 599 | 823 | -445 | 4.70 | 5.93k | 0.505 | 333 | -0.105 | -14.6k | 6.37k | -14.4k | 13.1 | -4.46k | -772 |
| 20 | 5 | Max | -12.2k | 5.87k | -817 | 14.6 | 433 | 731 | -428 | 4.54 | 5.40k | 0.475 | 273 | -0.102 | -13.0k | 5.81k | -13.1k | 12.0 | -4.03k | -704 |
| 20 | 7 | Min | -86.0k | -8.47k | -12.2k | -6.25 | -5.43k | -1.05k | -3.33k | -30.4 | -1.57k | -0.942 | -1.86k | -0.891 | -55.4k | 78.2 | -21.2k | 2.56 | -7.64k | -1.53k |
| 20 | 7 | Max | 61.5k | 21.7k | 10.4k | 39.2 | 6.63k | 2.70k | 2.44k | 39.8 | 13.4k | 1.95 | 2.53k | 0.680 | 26.3k | 12.7k | -7.56k | 23.7 | -1.29k | -9.48 |
| 20 | 8 | Min | -285k | -48.9k | -42.2k | -67.4 | -21.6k | -6.08k | -10.8k | -124 | -21.1k | -4.75 | -7.54k | -2.98 | -165k | -16.8k | -38.8k | -25.1 | -15.9k | -3.58k |
| 20 | 8 | Max | 261k | 62.1k | 40.4k | 100 | 22.8k | 7.73k | 9.88k | 133 | 32.9k | 5.77 | 8.20k | 2.77 | 135k | 29.5k | 10.1k | 51.3 | 6.97k | 2.04k |
| 21 | 1 | Min | -1.70k | -471 | 11.2k | -5.24 | -2.44k | -66.8 | -622 | -8.74 | 1.56k | -1.71 | 855 | 0 | -43.8k | -1.44k | -20.0k | -2.41 | -10.2k | 200 |
| 21 | 1 | Max | -1.63k | -446 | 12.1k | -4.99 | -2.31k | -63.2 | -595 | -8.24 | 1.75k | -1.61 | 1.01k | 0 | -39.3k | -1.41k | -18.5k | -2.33 | -9.29k | 204 |
| 21 | 4 | Max | -1.10k | -304 | 7.27k | -3.45 | -1.54k | -43.1 | -406 | -5.52 | 1.10k | -1.08 | 518 | 0 | -25.5k | -1.09k | -12.2k | -1.77 | -5.98k | 154 |
| 21 | 5 | Max | -1.04k | -285 | 6.58k | -3.26 | -1.43k | -40.3 | -382 | -5.12 | 1.00k | -0.999 | 425 | 0 | -22.6k | -1.08k | -11.1k | -1.74 | -5.33k | 153 |
| 21 | 7 | Min | -3.33k | -409 | -3.09k | -5.82 | -3.79k | -57.9 | -551 | -10.9 | -5.75k | -2.12 | 314 | 0 | -81.5k | -6.90k | -20.0k | -7.38 | -10.6k | -670 |
| 21 | 7 | Max | 1.12k | -200 | 17.6k | -1.08 | 712 | -28.3 | -260 | -0.165 | 7.96k | -32.2m | 721 | 0 | 30.5k | 4.73k | -4.39k | 3.84 | -1.36k | 977 |
| 21 | 8 | Min | -9.28k | -684 | -29.8k | -12.0 | -9.72k | -96.9 | -934 | -24.9 | -23.3k | -4.87 | -223 | 0 | -231k | -22.6k | -40.2k | -22.4 | -22.9k | -2.89k |
| 21 | 8 | Max | 7.08k | 75.8 | 44.4k | 5.06 | 6.64k | 10.7 | 123 | 13.9 | 25.5k | 2.71 | 1.26k | 0 | 180k | 20.4k | 15.8k | 18.9 | 10.9k | 3.20k |
| 22 | 1 | Min | -908 | -11.4 | 47.3k | -21.6 | -17.8k | -17.9 | -908 | -11.4 | 222 | -21.6 | 20.3k | -0.463 | -908 | -11.4 | -55.0k | -21.6 | -21.5k | 16.1 |
| 22 | 1 | Max | -789 | -10.2 | 52.6k | -19.4 | -15.9k | -16.1 | -789 | -10.2 | 233 | -19.4 | 22.6k | -0.415 | -789 | -10.2 | -49.3k | -19.4 | -19.2k | 17.9 |
| 22 | 4 | Max | -469 | -6.53 | 30.3k | -12.4 | -10.2k | -10.3 | -469 | -6.53 | 143 | -12.4 | 13.1k | -0.265 | -469 | -6.53 | -31.6k | -12.4 | -12.3k | 10.3 |
| 22 | 5 | Max | -388 | -5.74 | 26.7k | -10.9 | -8.93k | -9.00 | -388 | -5.74 | 131 | -10.9 | 11.6k | -0.232 | -388 | -5.74 | -27.8k | -10.9 | -10.8k | 9.01 |
| 22 | 7 | Min | -549 | -7.18 | 26.6k | -13.5 | -14.6k | -11.3 | -549 | -7.18 | -3.49k | -13.5 | 12.0k | -0.291 | -549 | -7.18 | -35.2k | -13.5 | -19.2k | 9.24 |
| 22 | 7 | Max | -388 | -5.89 | 33.9k | -11.3 | -5.70k | -9.24 | -388 | -5.89 | 3.77k | -11.3 | 14.2k | -0.238 | -388 | -5.89 | -28.0k | -11.3 | -5.33k | 11.3 |
| 22 | 8 | Min | -748 | -8.85 | 17.0k | -16.4 | -26.6k | -13.9 | -748 | -8.85 | -13.2k | -16.4 | 9.11k | -0.360 | -748 | -8.85 | -44.9k | -16.4 | -37.6k | 6.62 |
| 22 | 8 | Max | -189 | -4.21 | 43.6k | -8.43 | 6.22k | -6.61 | -189 | -4.21 | 13.4k | -8.43 | 17.0k | -0.169 | -189 | -4.21 | -18.3k | -8.43 | 13.1k | 13.9 |
| 23 | 1 | Min | 1.07k | 17.7 | 60.3k | -3.71 | -27.1k | 17.9 | 1.07k | 17.7 | 6.50k | -3.71 | 9.12k | -1.75m | 1.07k | 17.7 | -53.5k | -3.71 | -13.3k | -18.8 |
| 23 | 1 | Max | 1.27k | 18.6 | 67.2k | -3.50 | -24.6k | 18.8 | 1.27k | 18.6 | 6.84k | -3.50 | 10.3k | -1.67m | 1.27k | 18.6 | -47.3k | -3.50 | -11.5k | -17.9 |
| 23 | 4 | Max | 849 | 16.5 | 38.0k | -3.34 | -15.4k | 16.7 | 849 | 16.5 | 3.94k | -3.34 | 5.76k | -1.56m | 849 | 16.5 | -30.1k | -3.34 | -7.43k | -16.7 |
| 23 | 5 | Max | 898 | 17.4 | 33.2k | -3.54 | -13.6k | 17.6 | 898 | 17.4 | 3.54k | -3.54 | 5.00k | -1.64m | 898 | 17.4 | -26.1k | -3.54 | -6.40k | -17.6 |
| 23 | 7 | Min | 704 | 11.1 | 34.1k | -4.29 | -19.7k | 11.2 | 704 | 11.1 | 60.2 | -4.29 | 5.36k | -2.07m | 704 | 11.1 | -33.9k | -4.29 | -10.9k | -22.2 |
| 23 | 7 | Max | 994 | 22.0 | 41.8k | -2.39 | -11.1k | 22.2 | 994 | 22.0 | 7.82k | -2.39 | 6.16k | -1.05m | 994 | 22.0 | -26.2k | -2.39 | -3.91k | -11.2 |
| 23 | 8 | Min | 360 | -3.30 | 23.6k | -6.80 | -31.3k | -3.34 | 360 | -3.30 | -10.4k | -6.80 | 4.28k | -3.42m | 360 | -3.30 | -44.4k | -6.80 | -20.4k | -36.7 |
| 23 | 8 | Max | 1.34k | 36.4 | 52.3k | 0.114 | 533 | 36.7 | 1.34k | 36.4 | 18.3k | 0.114 | 7.24k | 0.31m | 1.34k | 36.4 | -15.8k | 0.114 | 5.55k | 3.34 |
| 24 | 1 | Min | -19.5k | -98.7 | 10.9k | 16.0 | -4.72k | -117 | -19.5k | -98.7 | -135 | 16.0 | 4.22k | 6.19 | -19.5k | -98.7 | -11.9k | 16.0 | -3.23k | 105 |
| 24 | 1 | Max | -17.5k | -88.4 | 12.3k | 17.9 | -4.14k | -105 | -17.5k | -88.4 | -86.7 | 17.9 | 4.74k | 6.91 | -17.5k | -88.4 | -10.7k | 17.9 | -2.94k | 117 |
| 24 | 4 | Max | -11.1k | -56.5 | 6.89k | 10.2 | -2.52k | -67.3 | -11.1k | -56.5 | -173 | 10.2 | 2.65k | 3.96 | -11.1k | -56.5 | -6.90k | 10.2 | -1.97k | 67.3 |
| 24 | 5 | Max | -9.68k | -49.7 | 6.00k | 8.99 | -2.13k | -59.2 | -9.68k | -49.7 | -208 | 8.99 | 2.31k | 3.48 | -9.68k | -49.7 | -6.10k | 8.99 | -1.78k | 59.2 |
| 24 | 7 | Min | -11.9k | -57.8 | 5.76k | 9.85 | -3.90k | -68.8 | -11.9k | -57.8 | -1.30k | 9.85 | 2.53k | 3.87 | -11.9k | -57.8 | -8.02k | 9.85 | -3.28k | 65.7 |
| 24 | 7 | Max | -10.2k | -55.2 | 8.01k | 10.6 | -1.15k | -65.7 | -10.2k | -55.2 | 953 | 10.6 | 2.78k | 4.05 | -10.2k | -55.2 | -5.77k | 10.6 | -660 | 68.8 |
| 24 | 8 | Min | -14.1k | -61.2 | 2.80k | 8.90 | -7.51k | -72.8 | -14.1k | -61.2 | -4.27k | 8.90 | 2.21k | 3.63 | -14.1k | -61.2 | -11.0k | 8.90 | -6.73k | 61.7 |
| 24 | 8 | Max | -8.07k | -51.9 | 11.0k | 11.6 | 2.47k | -61.7 | -8.07k | -51.9 | 3.92k | 11.6 | 3.10k | 4.28 | -8.07k | -51.9 | -2.80k | 11.6 | 2.79k | 72.8 |
| 25 | 1 | Min | -470 | 34.9 | 7.42k | 1.29 | -1.07k | 5.16 | -478 | 39.1 | -2.94k | 5.96 | 70.0 | 0 | 21.7k | -6.10k | -13.5k | -1.48 | -1.35k | 835 |
| 25 | 1 | Max | -431 | 38.3 | 7.92k | 1.42 | -1.01k | 5.65 | -442 | 42.1 | -2.58k | 6.42 | 79.0 | 0 | 24.0k | -5.66k | -12.2k | -1.32 | -1.18k | 900 |
| 25 | 4 | Max | -289 | 22.8 | 5.13k | 0.833 | -702 | 3.37 | -297 | 26.5 | -1.57k | 4.05 | 45.4 | 0 | 14.2k | -3.83k | -7.92k | -0.852 | -726 | 565 |
| 25 | 5 | Max | -263 | 20.5 | 4.80k | 0.744 | -659 | 3.02 | -273 | 24.5 | -1.32k | 3.73 | 39.9 | 0 | 12.7k | -3.52k | -7.04k | -0.748 | -616 | 520 |
| 25 | 7 | Min | -539 | -20.2 | 2.29k | -75.9m | -1.21k | -2.98 | -433 | 23.3 | -4.15k | 3.56 | -109 | 0 | -6.49k | -5.33k | -12.2k | -5.35 | -1.86k | 342 |
| 25 | 7 | Max | -38.1 | 65.8 | 7.98k | 1.74 | -200 | 9.71 | -162 | 29.7 | 1.01k | 4.53 | 200 | 0 | 34.9k | -2.32k | -3.68k | 3.64 | 408 | 787 |
| 25 | 8 | Min | -1.21k | -132 | -5.32k | -2.45 | -2.55k | -19.5 | -792 | 15.3 | -11.0k | 2.33 | -518 | 0 | -62.0k | -9.22k | -23.2k | -17.0 | -4.82k | -231 |
| 25 | 8 | Max | 636 | 178 | 15.6k | 4.12 | 1.14k | 26.2 | 197 | 37.8 | 7.89k | 5.76 | 609 | 0 | 90.4k | 1.57k | 7.32k | 15.2 | 3.37k | 1.36k |
| 26 | 1 | Min | 23.9k | 15.7 | 31.4k | -21.7m | -8.62k | 11.6 | 23.9k | 15.7 | 1.45k | -21.7m | 3.67k | 0.547 | 23.9k | 15.7 | -34.2k | -21.7m | -8.64k | -12.9 |
| 26 | 1 | Max | 26.8k | 17.5 | 34.2k | 0.139 | -7.88k | 12.9 | 26.8k | 17.5 | 1.59k | 0.139 | 3.95k | 0.608 | 26.8k | 17.5 | -31.4k | 0.139 | -7.90k | -11.6 |
| 26 | 4 | Max | 15.0k | 16.1 | 21.1k | -0.194 | -5.27k | 11.9 | 15.0k | 16.1 | 1.03k | -0.194 | 2.50k | 0.561 | 15.0k | 16.1 | -21.0k | -0.194 | -5.20k | -11.9 |
| 26 | 5 | Max | 13.0k | 17.5 | 19.3k | -0.300 | -4.79k | 12.9 | 13.0k | 17.5 | 962 | -0.300 | 2.32k | 0.608 | 13.0k | 17.5 | -19.1k | -0.300 | -4.70k | -12.9 |
| 26 | 7 | Min | 11.8k | -10.5 | 17.7k | -0.508 | -8.11k | -7.77 | 11.8k | -10.5 | -2.38k | -0.508 | 2.07k | -0.366 | 11.8k | -10.5 | -24.4k | -0.508 | -7.40k | -31.5 |
| 26 | 7 | Max | 18.1k | 42.8 | 24.5k | 0.121 | -2.44k | 31.6 | 18.1k | 42.8 | 4.45k | 0.121 | 2.94k | 1.49 | 18.1k | 42.8 | -17.6k | 0.121 | -3.00k | 7.77 |
| 26 | 8 | Min | 3.59k | -79.2 | 8.87k | -1.32 | -15.4k | -58.4 | 3.59k | -79.2 | -11.2k | -1.32 | 939 | -2.75 | 3.59k | -79.2 | -33.2k | -1.32 | -13.1k | -82.2 |
| 26 | 8 | Max | 26.3k | 111 | 33.3k | 0.937 | 4.88k | 82.2 | 26.3k | 111 | 13.3k | 0.937 | 4.07k | 3.88 | 26.3k | 111 | -8.78k | 0.937 | 2.68k | 58.4 |
| 27 | 1 | Min | -4.24k | -15.1 | 51.7k | 5.04 | -30.1k | -25.7 | -4.24k | -15.1 | 1.10k | 5.04 | 17.9k | -22.7m | -4.24k | -15.1 | -55.6k | 5.04 | -26.2k | 22.7 |
| 27 | 1 | Max | -3.77k | -13.4 | 57.9k | 5.78 | -27.0k | -22.7 | -3.77k | -13.4 | 1.19k | 5.78 | 20.1k | -20.1m | -3.77k | -13.4 | -49.5k | 5.78 | -23.3k | 25.6 |
| 27 | 4 | Max | -2.36k | -8.35 | 32.8k | 3.06 | -17.2k | -14.2 | -2.36k | -8.35 | 745 | 3.06 | 11.3k | -12.6m | -2.36k | -8.35 | -31.3k | 3.06 | -14.7k | 14.2 |
| 27 | 5 | Max | -2.04k | -7.20 | 28.6k | 2.58 | -15.0k | -12.2 | -2.04k | -7.20 | 685 | 2.58 | 9.87k | -10.8m | -2.04k | -7.20 | -27.3k | 2.58 | -12.8k | 12.2 |
| 27 | 7 | Min | -2.84k | -9.10 | 31.6k | 2.63 | -19.1k | -15.5 | -2.84k | -9.10 | -412 | 2.63 | 11.3k | -13.7m | -2.84k | -9.10 | -32.5k | 2.63 | -16.6k | 12.9 |
| 27 | 7 | Max | -1.88k | -7.59 | 33.9k | 3.50 | -15.2k | -12.9 | -1.88k | -7.59 | 1.90k | 3.50 | 11.4k | -11.4m | -1.88k | -7.59 | -30.2 | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 30 | 1 | Min | 12.8k | -4.67 | 96.9k | -9.58 | -62.2k | -10.4 | 12.8k | -4.67 | -3.02k | -9.58 | 55.4k | 99.2m | 12.8k | -4.67 | -112k | -9.58 | -70.3k | 9.14 |
| 30 | 1 | Max | 14.4k | -4.10 | 108k | -8.42 | -55.7k | -9.14 | 14.4k | -4.10 | -2.66k | -8.42 | 62.0k | 0.113 | 14.4k | -4.10 | -101k | -8.42 | -62.8k | 10.4 |
| 30 | 4 | Max | 8.13k | -2.48 | 61.7k | -5.09 | -35.5k | -5.53 | 8.13k | -2.48 | -1.66k | -5.09 | 35.1k | 60.0m | 8.13k | -2.48 | -63.9k | -5.09 | -39.8k | 5.53 |
| 30 | 5 | Max | 7.11k | -2.09 | 54.1k | -4.29 | -31.1k | -4.66 | 7.11k | -2.09 | -1.42k | -4.29 | 30.7k | 50.6m | 7.11k | -2.09 | -56.0k | -4.29 | -34.8k | 4.66 |
| 30 | 7 | Min | 7.95k | -2.89 | 59.8k | -5.94 | -39.6k | -6.45 | 7.95k | -2.89 | -3.62k | -5.94 | 34.9k | 50.0m | 7.95k | -2.89 | -65.9k | -5.94 | -44.4k | 4.60 |
| 30 | 7 | Max | 8.31k | -2.06 | 63.7k | -4.24 | -31.3k | -4.60 | 8.31k | -2.06 | 302 | -4.24 | 35.4k | 70.0m | 8.31k | -2.06 | -62.0k | -4.24 | -35.2k | 6.45 |
| 30 | 8 | Min | 7.48k | -3.95 | 54.7k | -8.11 | -50.4k | -8.81 | 7.48k | -3.95 | -8.70k | -8.11 | 34.1k | 24.3m | 7.48k | -3.95 | -71.0k | -8.11 | -56.3k | 2.24 |
| 30 | 8 | Max | 8.77k | -1.00 | 68.8k | -2.07 | -20.5k | -2.24 | 8.77k | -1.00 | 5.39k | -2.07 | 36.1k | 95.7m | 8.77k | -1.00 | -56.9k | -2.07 | -23.3k | 8.81 |
| 31 | 1 | Min | -44.4k | -4.07k | 12.1k | -2.91 | -1.31k | -13.6k | -38.3k | -4.07k | -620 | -2.91 | 10.6k | -5.06k | -32.3k | -4.07k | -13.3k | -2.91 | -3.90k | 3.18k |
| 31 | 1 | Max | -43.6k | -3.88k | 12.1k | -2.71 | -1.29k | -13.0k | -37.5k | -3.88k | -613 | -2.71 | 10.7k | -4.92k | -31.4k | -3.88k | -13.3k | -2.71 | -3.86k | 3.43k |
| 31 | 4 | Max | -34.0k | -2.85k | 9.28k | -2.49 | -1.00k | -9.39k | -29.4k | -2.85k | -477 | -2.49 | 8.19k | -3.45k | -24.7k | -2.85k | -10.2k | -2.49 | -2.99k | 2.49k |
| 31 | 5 | Max | -34.3k | -2.74k | 9.28k | -2.52 | -1.01k | -9.03k | -29.6k | -2.74k | -479 | -2.52 | 8.19k | -3.31k | -25.0k | -2.74k | -10.2k | -2.52 | -3.01k | 2.41k |
| 31 | 7 | Min | -50.1k | -7.33k | 9.14k | -8.82 | -1.34k | -17.4k | -45.5k | -7.33k | -620 | -8.82 | 7.58k | -5.27k | -40.8k | -7.33k | -10.4k | -8.82 | -3.89k | -8.29k |
| 31 | 7 | Max | -17.9k | -3.14k | 9.43k | -3.85 | -664 | -1.34k | -13.3k | -3.85 | -334 | -3.85 | 8.81k | -1.63k | -8.61k | 1.64k | -10.1k | -3.85 | -2.10k | 13.3k |
| 31 | 8 | Min | -91.9k | -19.0k | 8.77k | -24.8 | -2.19k | -38.2k | -87.3k | -19.0k | -988 | -24.8 | 6.00k | -10.0k | -82.6k | -19.0k | -10.7k | -24.8 | -6.23k | -36.4k |
| 31 | 8 | Max | 23.9k | 13.3k | 9.79k | 19.9 | 181 | 19.4k | 28.6k | 13.3k | 34.0 | 19.9 | 10.4k | 3.11k | 33.2k | 13.3k | -9.73k | 19.9 | 241 | 41.4k |
| 32 | 1 | Min | -4.64k | 9.58k | 45.8k | 427 | -16.6k | 3.90k | -4.64k | 9.58k | 40.9k | 427 | -2.31k | 886 | -4.64k | 9.58k | 33.2k | 427 | 16.4k | -3.92k |
| 32 | 1 | Max | -4.12k | 9.62k | 48.2k | 429 | -15.7k | 3.92k | -4.12k | 9.62k | 42.7k | 429 | -2.09k | 890 | -4.12k | 9.62k | 34.0k | 429 | 16.9k | -3.90k |
| 32 | 4 | Max | -2.55k | 7.37k | 32.2k | 328 | -11.0k | 3.00k | -2.55k | 7.37k | 29.1k | 328 | -1.35k | 682 | -2.55k | 7.37k | 24.2k | 328 | 12.0k | -3.00k |
| 32 | 5 | Max | -2.20k | 7.35k | 30.5k | 327 | -10.4k | 3.00k | -2.20k | 7.35k | 27.8k | 327 | -1.21k | 680 | -2.20k | 7.35k | 23.6k | 327 | 11.6k | -3.00k |
| 32 | 7 | Min | -5.20k | 6.59k | 27.0k | 300 | -12.7k | 2.68k | -5.20k | 6.59k | 24.0k | 300 | -1.66k | 609 | -5.20k | 6.59k | 19.0k | 300 | 9.37k | -3.32k |
| 32 | 7 | Max | 9.12 | 8.15k | 37.4k | 357 | -9.37k | 3.32k | 9.12 | 8.15k | 34.3k | 357 | -1.05k | 754 | 9.12 | 8.15k | 29.4k | 357 | 14.6k | -2.68k |
| 32 | 8 | Min | -11.9k | 4.56k | 14.1k | 227 | -16.8k | 1.86k | -11.9k | 4.56k | 11.0k | 227 | -2.42k | 422 | -11.9k | 4.56k | 6.11k | 227 | 2.82k | -4.15k |
| 32 | 8 | Max | 6.82k | 10.2k | 50.3k | 429 | -5.27k | 4.15k | 6.82k | 10.2k | 47.2k | 429 | -286 | 941 | 6.82k | 10.2k | 42.3k | 429 | 21.1k | -1.86k |
| 33 | 1 | Min | 9.07k | -3.16k | 3.15k | -180 | 9.26k | -1.89k | 9.07k | -3.16k | -6.15k | -180 | 8.37k | 0 | 9.07k | -3.16k | -15.7k | -180 | 1.97k | 1.89k |
| 33 | 1 | Max | 9.44k | -3.14k | 4.36k | -178 | 9.38k | -1.89k | 9.44k | -3.14k | -6.07k | -178 | 8.87k | 0 | 9.44k | -3.14k | -14.8k | -178 | 2.21k | 1.89k |
| 33 | 4 | Max | 6.46k | -2.42k | 1.18k | -136 | 6.85k | -1.45k | 6.46k | -2.42k | -4.71k | -136 | 5.79k | 0 | 6.46k | -2.42k | -10.2k | -136 | 1.25k | 1.45k |
| 33 | 5 | Max | 6.19k | -2.42k | 404 | -136 | 6.74k | -1.45k | 6.19k | -2.42k | -4.74k | -136 | 5.44k | 0 | 6.19k | -2.42k | -9.52k | -136 | 1.10k | 1.45k |
| 33 | 7 | Min | 2.44k | -2.73k | -2.60k | -151 | 2.70k | -1.64k | 2.44k | -2.73k | -8.49k | -151 | 3.90k | 0 | 2.44k | -2.73k | -14.0k | -151 | 807 | 1.27k |
| 33 | 7 | Max | 10.5k | -2.11k | 4.96k | -122 | 11.0k | -1.27k | 10.5k | -2.11k | -931 | -122 | 7.69k | 0 | 10.5k | -2.11k | -6.40k | -122 | 1.70k | 1.64k |
| 33 | 8 | Min | -8.01k | -3.52k | -12.5k | -189 | -8.11k | -2.11k | -8.01k | -3.52k | -18.4k | -189 | -993 | 0 | -8.01k | -3.52k | -23.8k | -189 | -335 | 793 |
| 33 | 8 | Max | 20.9k | -1.32k | 14.8k | -84.1 | 21.8k | -793 | 20.9k | -1.32k | 8.94k | -84.1 | 12.6k | 0 | 20.9k | -1.32k | 3.47k | -84.1 | 2.84k | 2.11k |
| 34 | 1 | Min | -20.9k | 746 | -15.7k | -180 | 1.97k | 304 | -20.9k | 746 | -21.0k | -180 | -7.07k | -74.3 | -20.9k | 746 | -22.9k | -180 | -14.0k | -327 |
| 34 | 1 | Max | -19.6k | 803 | -14.8k | -178 | 2.21k | 327 | -19.6k | 803 | -19.5k | -178 | -6.70k | -69.0 | -19.6k | 803 | -21.3k | -178 | -13.2k | -304 |
| 34 | 4 | Max | -13.4k | 504 | -10.2k | -136 | 1.25k | 205 | -13.4k | 504 | -13.3k | -136 | -4.67k | -46.6 | -13.4k | 504 | -14.5k | -136 | -9.07k | -205 |
| 34 | 5 | Max | -12.5k | 464 | -9.52k | -136 | 1.10k | 189 | -12.5k | 464 | -12.3k | -136 | -4.41k | -42.9 | -12.5k | 464 | -13.4k | -136 | -8.47k | -189 |
| 34 | 7 | Min | -19.2k | 327 | -14.0k | -151 | 807 | 133 | -19.2k | 327 | -17.2k | -151 | -6.99k | -62.9 | -19.2k | 327 | -18.4k | -151 | -12.6k | -277 |
| 34 | 7 | Max | -7.60k | 680 | -6.32k | -122 | 1.70k | 277 | -7.60k | 680 | -9.42k | -122 | -2.36k | -30.3 | -7.60k | 680 | -10.7k | -122 | -5.54k | -133 |
| 34 | 8 | Min | -34.0k | -126 | -24.1k | -189 | -335 | -51.4 | -34.0k | -126 | -27.2k | -189 | -13.0k | -105 | -34.0k | -126 | -28.4k | -189 | -21.8k | -462 |
| 34 | 8 | Max | 7.20k | 1.13k | 3.70k | -84.1 | 2.84k | 462 | 7.20k | 1.13k | 592 | -84.1 | 3.70k | 11.7 | 7.20k | 1.13k | -638 | -84.1 | 3.67k | 51.4 |
| 35 | 1 | Min | 40.2k | -37.7k | 12.9k | -72.4 | -979 | -5.13k | -34.0 | 0.611 | 1.09k | 0.550 | 2.27k | 0 | 53.2k | 5.68k | 8.48k | -7.24 | 4.38k | -859 |
| 35 | 1 | Max | 44.7k | -33.3k | 14.6k | -64.1 | -815 | -4.54k | -31.0 | 0.692 | 1.13k | 0.622 | 2.55k | 0 | 57.9k | 6.31k | 9.08k | -7.00 | 4.77k | -773 |
| 35 | 4 | Max | 25.7k | -21.0k | 7.99k | -40.8 | -472 | -2.86k | -20.4 | 0.420 | 724 | 0.377 | 1.44k | 0 | 35.6k | 3.69k | 5.99k | -5.11 | 2.97k | -502 |
| 35 | 5 | Max | 22.7k | -18.2k | 6.84k | -35.5 | -371 | -2.47k | -18.4 | 0.378 | 678 | 0.340 | 1.26k | 0 | 32.4k | 3.28k | 5.64k | -4.95 | 2.72k | -447 |
| 35 | 7 | Min | 19.3k | -27.5k | 3.39k | -77.2 | -1.09k | -3.75k | -28.1 | -1.87 | -5.99k | -1.68 | 1.43k | 0 | -910 | -8.29k | -5.78k | -43.6 | -717 | -2.13k |
| 35 | 7 | Max | 32.0k | -14.4k | 12.6k | -4.27 | 150 | -1.96k | -12.7 | 2.71 | 7.44k | 2.43 | 1.45k | 0 | 72.1k | 15.7k | 17.8k | 33.4 | 6.66k | 1.13k |
| 35 | 8 | Min | 2.87k | -44.9k | -8.61k | -173 | -2.74k | -6.11k | -47.9 | -7.81 | -23.7k | -7.02 | 1.40k | 0 | -98.9k | -40.3k | -36.7k | -146 | -10.4k | -6.49k |
| 35 | 8 | Max | 48.5k | 2.94k | 24.6k | 91.5 | 1.80k | 401 | 7.11 | 8.65 | 25.2k | 7.78 | 1.48k | 0 | 170k | 47.7k | 48.7k | 136 | 16.3k | 5.49k |
| 36 | 1 | Min | 17.9k | -10.5k | 15.5 | -17.3 | -5.07k | -1.32k | 17.9k | -10.5k | -8.60k | -17.3 | -6.13k | 1.21k | 4.33k | -1.43k | -14.9k | 1.15 | -7.87k | 164 |
| 36 | 1 | Max | 19.9k | -9.68k | 166 | -15.9 | -4.58k | -1.21k | 19.9k | -9.68k | -7.88k | -15.9 | -5.56k | 1.32k | 4.80k | -1.32k | -13.6k | 1.30 | -7.11k | 179 |
| 36 | 4 | Max | 11.6k | -6.47k | -147 | -10.7 | -2.98k | -809 | 11.6k | -6.47k | -5.23k | -10.7 | -3.65k | 809 | 2.83k | -879 | -9.09k | 0.687 | -4.62k | 110 |
| 36 | 5 | Max | 10.3k | -5.90k | -247 | -9.81 | -2.66k | -738 | 10.3k | -5.90k | -4.74k | -9.81 | -3.28k | 738 | 2.53k | -801 | -8.26k | 0.579 | -4.12k | 100 |
| 36 | 7 | Min | -30.9k | -13.2k | -10.2k | -24.4 | -5.22k | -1.66k | -30.9k | -13.2k | -15.2k | -24.4 | -4.47k | -37.6 | -5.52k | -1.77k | -15.1k | -2.39 | -5.44k | -1.16 |
| 36 | 7 | Max | 54.1k | 301 | 9.87k | 2.97 | -740 | 37.6 | 54.1k | 301 | 4.79k | 2.97 | -2.83k | 1.66k | 11.2k | 9.26 | -3.08k | 3.76 | -3.81k | 221 |
| 36 | 8 | Min | -144k | -31.4k | -36.9k | -61.0 | -11.1k | -3.93k | -144k | -31.4k | -42.0k | -61.0 | -6.65k | -2.31k | -27.8k | -4.15k | -31.2k | -10.3 | -7.54k | -300 |
| 36 | 8 | Max | 168k | 18.5k | 36.6k | 39.5 | 5.13k | 2.31k | 168k | 18.5k | 31.5k | 39.5 | -656 | 3.93k | 33.5k | 2.40k | 13.0k | 11.7 | -1.71k | 519 |
| 37 | 1 | Min | -7.35k | -2.19 | 13.9k | -1.84 | -13.0k | -4.28 | -7.35k | -2.19 | 6.00k | -1.84 | 7.36k | 36.6m | -7.35k | -2.19 | -1.74k | -1.84 | 11.5k | 3.98 |
| 37 | 1 | Max | -6.46k | -2.03 | 14.3k | -1.76 | -12.3k | -3.97 | -6.46k | -2.03 | 6.29k | -1.76 | 7.37k | 39.4m | -6.46k | -2.03 | -1.60k | -1.76 | 11.9k | 4.28 |
| 37 | 4 | Max | -3.88k | -1.23 | 9.70k | -1.02 | -7.99k | -2.41 | -3.88k | -1.23 | 3.82k | -1.02 | 5.35k | 22.2m | -3.88k | -1.23 | -1.95k | -1.02 | 7.16k | 2.42 |
| 37 | 5 | Max | -3.27k | -1.08 | 9.26k | -0.883 | -7.33k | -2.10 | -3.27k | -1.08 | 3.49k | -0.883 | 5.25k | 19.4m | -3.27k | -1.08 | -2.18k | -0.883 | 6.52k | 2.11 |
| 37 | 7 | Min | -4.58k | -1.61 | 8.24k | -1.58 | -9.42k | -3.15 | -4.58k | -1.61 | 2.36k | -1.58 | 3.78k | 15.5m | -4.58k | -1.61 | -3.42k | -1.58 | 2.77k | 1.68 |
| 37 | 7 | Max | -3.19k | -0.858 | 11.2k | -0.470 | -6.57k | -1.68 | -3.19k | -0.858 | 5.28k | -0.470 | 6.93k | 29.0m | -3.19k | -0.858 | -494 | -0.470 | 11.6k | 3.15 |
| 37 | 8 | Min | -6.35k | -2.58 | 4.37k | -3.04 | -13.2k | -5.04 | -6.35k | -2.58 | -1.51k | -3.04 | -354 | -1.98m | -6.35k | -2.58 | -7.28k | -3.04 | -8.82k | -0.215 |
| 37 | 8 | Max | -1.42k</ | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--------|
| 1 | 1 | 1 | - | - | -0.292 | -2.69 | -0.782 | -4.93k | -1.16k | -8.63k | -425k | -22.5k | 1.08 | -22.7m | -0.268 | 16.4k | 20.5k | 21.7k | 60.5k | 38.0k |
| 1 | 1 | 7 | - | - | -0.197 | -1.68 | -0.526 | -2.84k | -679 | -4.93k | -244k | -12.6k | 0.705 | 1.56m | -65.3m | 11.0k | 12.9k | 13.9k | 39.8k | 23.3k |
| 1 | 1 | 8 | - | - | -0.288 | -2.02 | -0.843 | -2.84k | -679 | -4.93k | -244k | -12.6k | 0.930 | 0.660 | 0.296 | 15.2k | 17.4k | 17.6k | 53.4k | 27.2k |
| 1 | 2 | 1 | 5 | 1 | -0.150 | -0.906 | 86.8m | -2.48k | -1.21k | -1.72k | -41.7k | -9.92k | 0.188 | -0.643 | 0.230 | 6.45k | 8.30k | 1.15k | 2.83k | 45.4k |
| 1 | 2 | 7 | 5 | 1 | -0.243 | -1.11 | -0.111 | -1.38k | -721 | -1.09k | -24.1k | -5.63k | 0.452 | -13.6m | 0.322 | 52.9k | 23.6k | 9.78k | 386k | 110k |
| 1 | 2 | 8 | 5 | 1 | -1.05 | -2.55 | -0.648 | -1.38k | -721 | -1.09k | -24.1k | -5.63k | 1.29 | 1.43 | 0.866 | 185k | 88.4k | 39.0k | 1.49M | 407k |
| 1 | 2 | 1 | 12 | 1 | -0.122 | -0.736 | -0.137 | -14.3k | -5.46k | -5.37k | -17.8k | -22.0k | 0.173 | -0.573 | -25.9m | 28.7k | 2.25k | 2.34k | 211k | 16.7k |
| 1 | 2 | 7 | 12 | 1 | -0.255 | -1.03 | -0.182 | -8.82k | -3.41k | -3.26k | -10.9k | -13.7k | 0.477 | 36.9m | 0.119 | 31.8k | 11.3k | 6.51k | 230k | 57.9k |
| 1 | 2 | 8 | 12 | 1 | -1.19 | -2.34 | -0.569 | -8.82k | -3.41k | -3.26k | -10.9k | -13.7k | 1.41 | 1.35 | 0.506 | 69.0k | 37.3k | 20.5k | 492k | 183k |
| 1 | 2 | 1 | 12 | 0 | -0.186 | -0.928 | 34.5m | -10.0 | -72.0 | -10.9 | -255 | -2.14k | -9.79m | -0.646 | 0.158 | 121 | 603 | 143 | 184 | 19.4 |
| 1 | 2 | 7 | 12 | 0 | -0.289 | -1.45 | -0.150 | -5.80 | -48.9 | -6.39 | -152 | -1.30k | 29.6m | 0.148 | 0.363 | 376 | 1.88k | 294 | 895 | 960 |
| 1 | 2 | 8 | 12 | 0 | -0.687 | -3.44 | -0.806 | -5.80 | -48.9 | -6.39 | -152 | -1.30k | 0.427 | 2.14 | 1.02 | 1.17k | 5.86k | 842 | 3.65k | 5.81k |
| 1 | 2 | 1 | 5 | 0 | -0.186 | -0.929 | -39.3m | -2.34k | -2.14k | -1.19k | -4.37k | -59.4k | -11.0m | -0.686 | 78.6m | 1.99k | 9.95k | 397 | 13.2k | 1.17k |
| 1 | 2 | 7 | 5 | 0 | -0.284 | -1.42 | -0.200 | -1.59k | -1.43k | -779 | -2.86k | -39.3k | 88.3m | 0.152 | 0.245 | 2.18k | 10.9k | 535 | 14.5k | 1.30k |
| 1 | 2 | 8 | 5 | 0 | -0.699 | -3.49 | -0.661 | -1.59k | -1.43k | -779 | -2.86k | -39.3k | 0.484 | 2.22 | 0.753 | 4.51k | 22.6k | 1.22k | 29.3k | 21.5k |
| 1 | 2 | 1 | - | - | -0.138 | -0.813 | -33.2m | -928 | -889 | -203 | -614 | -1.50k | -1.22m | -0.342 | 0.168 | 168 | 158 | 178 | 1.44k | 835 |
| 1 | 2 | 7 | - | - | -0.139 | -1.15 | -0.263 | -637 | -581 | -135 | -371 | -913 | 12.5m | 91.3m | 0.402 | 845 | 1.61k | 660 | 2.31k | 1.61k |
| 1 | 2 | 8 | - | - | -0.258 | -2.77 | -1.09 | -637 | -581 | -135 | -371 | -913 | 0.106 | 1.69 | 1.24 | 3.22k | 5.95k | 2.29k | 6.70k | 5.55k |
| 1 | 3 | 1 | 5 | 1 | -59.8m | -0.920 | -54.7m | -3.74k | -10.0k | -1.02k | -5.21k | -47.1k | -5.85m | -0.811 | -24.5m | 1.29k | 926 | 476 | 16.7k | -790 |
| 1 | 3 | 7 | 5 | 1 | -0.424 | -1.21 | -0.132 | -2.45k | -6.73k | -678 | -3.48k | -31.8k | 0.353 | -5.69m | 82.9m | 12.1k | 4.48k | 5.19k | 98.2k | 33.4k |
| 1 | 3 | 8 | 5 | 1 | -1.47 | -2.81 | -0.413 | -2.45k | -6.73k | -678 | -3.48k | -31.8k | 1.40 | 1.58 | 0.363 | 44.5k | 32.2k | 20.3k | 331k | 198k |
| 1 | 3 | 1 | 6 | 1 | -90.9m | -1.30 | -98.7m | -7.17k | -971 | -783 | -50.5k | -1.34k | 0.303 | -0.968 | 31.4m | 1.04k | 341 | 1.33k | 7.23k | 2.83k |
| 1 | 3 | 7 | 6 | 1 | -0.101 | -1.81 | -98.2m | -4.43k | -615 | -487 | -31.2k | -750 | 0.275 | 0.192 | 25.1m | 1.02k | 1.12k | 1.45k | 6.89k | 4.55k |
| 1 | 3 | 8 | 6 | 1 | -0.222 | -4.39 | -0.257 | -4.43k | -615 | -487 | -31.2k | -750 | 0.555 | 2.80 | 0.183 | 2.61k | 4.03k | 3.20k | 20.1k | 18.0k |
| 1 | 3 | 1 | 6 | 0 | -0.255 | -1.28 | -6.61m | -10.1 | 210 | -31.2 | -360 | -1.11k | -11.2m | -1.07 | 0.142 | 135 | 673 | 74.2 | 73.4 | -218 |
| 1 | 3 | 7 | 6 | 0 | -0.414 | -2.07 | -52.2m | -8.02 | 147 | -18.8 | -217 | -725 | 74.5m | 0.373 | 0.226 | 616 | 3.08k | 186 | 805 | 959 |
| 1 | 3 | 8 | 6 | 0 | -1.06 | -5.28 | -0.372 | -8.02 | 147 | -18.8 | -217 | -725 | 0.717 | 3.58 | 0.563 | 2.05k | 10.2k | 691 | 3.41k | 4.33k |
| 1 | 3 | 1 | 5 | 0 | -0.186 | -0.939 | -0.114 | -763 | -3.82k | -464 | -8.39k | -1.26k | -17.8m | -0.802 | -58.8m | 2.05k | 1.64k | 400 | 1.36k | 25.7k |
| 1 | 3 | 7 | 5 | 0 | -0.284 | -1.42 | -0.133 | -571 | -2.86k | -319 | -5.94k | -840 | 29.4m | 0.147 | 27.4m | 2.69k | 9.93k | 1.13k | 5.66k | 61.8k |
| 1 | 3 | 8 | 5 | 0 | -0.699 | -3.49 | -0.286 | -571 | -2.86k | -319 | -5.94k | -840 | 0.443 | 2.22 | 0.191 | 8.58k | 42.9k | 3.22k | 35.7k | 171k |
| 1 | 3 | 1 | - | - | -0.210 | -1.19 | -62.3m | -532 | -2.66k | -315 | -8.66k | -3.38k | 5.37m | -0.788 | -3.26m | 945 | 591 | 923 | 587 | 954 |
| 1 | 3 | 7 | - | - | -0.263 | -1.81 | -0.112 | -345 | -1.72k | -204 | -5.38k | -2.20k | 48.4m | 0.272 | 68.1m | 1.58k | 3.30k | 1.95k | 9.32k | 2.76k |
| 1 | 3 | 8 | - | - | -0.581 | -4.54 | -0.336 | -345 | -1.72k | -204 | -5.38k | -2.20k | 0.301 | 3.01 | 0.295 | 4.04k | 12.1k | 6.38k | 37.8k | 7.97k |
| 1 | 4 | 1 | 31 | 1 | -0.101 | -1.23 | -0.219 | -12.8k | -19.3k | -9.12k | -42.9k | -51.2k | 23.0m | -0.824 | -17.9m | 54.3k | 976 | 7.07k | 403k | 40.8k |
| 1 | 4 | 7 | 31 | 1 | -0.141 | -1.66 | -0.217 | -8.00k | -12.1k | -5.73k | -27.0k | -32.2k | 82.6m | 47.4m | 0.136 | 36.5k | 6.12k | 7.32k | 270k | 56.0k |
| 1 | 4 | 8 | 31 | 1 | -0.333 | -3.79 | -0.543 | -8.00k | -12.1k | -5.73k | -27.0k | -32.2k | 0.283 | 2.12 | 0.517 | 42.8k | 20.6k | 15.0k | 316k | 137k |
| 1 | 4 | 1 | 30 | 1 | -0.263 | -0.969 | 48.6m | -3.15k | -942 | -1.01k | -3.08k | 142 | -49.2m | -0.801 | 0.116 | 843 | 2.50k | 372 | 7.06k | 13.1k |
| 1 | 4 | 7 | 30 | 1 | -0.563 | -1.31 | -0.144 | -2.13k | -695 | -673 | -2.28k | 97.4 | 0.219 | 5.90m | 0.213 | 12.9k | 10.2k | 4.03k | 101k | 45.5k |
| 1 | 4 | 8 | 30 | 1 | -1.57 | -2.99 | -0.604 | -2.13k | -695 | -673 | -2.28k | 97.4 | 1.23 | 1.69 | 0.673 | 45.4k | 32.6k | 15.9k | 378k | 151k |
| 1 | 4 | 1 | 30 | 0 | -0.222 | -1.11 | -95.4m | -2.74k | -1.94k | -1.08k | -3.96k | -62.4k | -25.0m | -0.888 | 17.4m | 2.15k | 10.8k | 670 | 13.6k | 1.01k |
| 1 | 4 | 7 | 30 | 0 | -0.323 | -1.62 | -0.207 | -1.85k | -1.32k | -704 | -2.59k | -41.0k | 0.110 | 0.132 | 2.48k | 12.4k | 766 | 15.0k | 1.47k | |
| 1 | 4 | 8 | 30 | 0 | -0.766 | -3.83 | -0.567 | -1.85k | -1.32k | -704 | -2.59k | -41.0k | 0.465 | 2.32 | 0.476 | 5.24k | 26.2k | 1.58k | 30.3k | 61.9k |
| 1 | 4 | 1 | 31 | 0 | -0.248 | -1.24 | 27.4m | -21.9 | 10.7 | -119 | -1.79k | -10.8k | -16.9m | -0.957 | 0.190 | 775 | 3.88k | 506 | 616 | -1.30k |
| 1 | 4 | 7 | 31 | 0 | -0.375 | -1.88 | -0.105 | -13.5 | -11.6 | -72.0 | -1.09k | -6.75k | 26.5m | 0.132 | 0.371 | 957 | 4.78k | 448 | 989 | 375 |
| 1 | 4 | 8 | 31 | 0 | -0.897 | -4.48 | -0.721 | -13.5 | -11.6 | -72.0 | -1.09k | -6.75k | 0.548 | 2.74 | 0.988 | 2.41k | 12.1k | 1.15k | 6.50k | 7.12k |
| 1 | 4 | 1 | - | - | -0.195 | -1.05 | -51.6m | -2.57k | -3.29k | -1.93k | -1.12k | -7.67k | -6.26m | -0.815 | 78.4m | 328 | 1.20k | 373 | 7.77k | 2.23k |
| 1 | 4 | 7 | - | - | -0.201 | -1.56 | -0.169 | -1.70k | -2.06k | -1.22k | -704 | -4.76k | 4.66m | 0.102 | 0.209 | 591 | 2.96k | 460 | 6.03k | 1.61k |
| 1 | 4 | 8 | - | - | -0.385 | -3.73 | -0.638 | -1.70k | -2.06k | -1.22k | -704 | -4.76k | 0.141 | 2.27 | 0.679 | 1.80k | 8.98k | 1.51k | 9.23k | 3.98k |
| 1 | 5 | 1 | 10 | 1 | -0.205 | -1.20 | -40.8m | -3.66k | -14.9k | -1.38k | -22.7k | -84.9k | -3.21m | -0.849 | 42.3m | 2.72k | 1.88k | 1.40k | 12.0k | 93.6 |
| 1 | 5 | 7 | 10 | 1 | -0.708 | -1.82 | -0.175 | -2.60k | -9.78k | -914 | -13.4k | -55.4k | 0.565 | 0.324 | 0.192 | 17.5k | 6.79k | 4.79k | 182k | 38.8k |
| 1 | 5 | 8 | 10 | 1 | -2.42 | -4.72 | -0.668 | -2.60k | -9.78k | -914 | -13.4k | -55.4k | 2.28 | 3.22 | 0.685 | 71.8k | 43.9k | 15.2k | 644k | 245k |
| 1 | 5 | 1 | 11 | 1 | -0.234 | -1.27 | -74.4m | -8.57k | -1.18k | -2.19k | -79.9k | 666 | -65.0m | -0.941 | -58.0μ | 3.99k | 14.4k | 1.97k | 4.54k | 67.3k |
| 1 | 5 | 7 | 11 | 1 | -0.304 | -2.00 | -0.192 | -5.63k | -844 | -1.48k | -52.7k | 422 | 53.4m | 0.477 | 0.154 | 4.44k | 21.0k | 2.75k | 8.47k | 118k |
| 1 | 5 | 8 | 11 | 1 | -0.713 | -5.22 | -0.581 | -5.63k | -844 | -1.48k | -52.7k | 422 | 0.471 | 3.73 | 0.556 | 15.5k | 50.1k | 7.11k | 127k | 305k |
| 1 | 5 | 1 | 11 | 0 | -0.255 | -1.28 | 35.9m | -2.75k | -1.70k | -617 | -12.9k | -51.3k | -40.1m | -1.03 | 0.139 | 1.74k | 8.69k | 874 | 3.16k | 1.05k |
| 1 | 5 | 7 | 11 | 0 | -0.483 | -2.41 | -90.5m | -1.80k | -1.14k | -402 | -8.44k | -33.8k | 0.150 | 0.751 | 0.235 | 4.02k | 20.1k | 1.99k | 10.9k | 61.5k |
| 1 | 5 | 8 | 11 | 0 | -1.34 | -6.68 | -0.438 | -1.80k | -1.14k | -402 | -8.44k | -33.8k | 1.00 | 5.02 | 0.618 | 11.8k | 58.8k | 5.77k | 63.0k | 318k |
| 1 | 5 | 1 | 10 | 0 | -0.207 | -1.04 | -0.123 | -1.63k | -8.16k | -550 | -10.7k | -571 | -22.3m | -0.832 | -33.1m | 2.22k | 2.16k | 907 | 3.37k | 51.3k |
| 1 | 5 | 7 | 10 | 0 | -0.369 | -1.85 | -0.228 | -1.06k | -5.31k | -360 | -6.93k | -381 | 98.4m | 0.492 | 94.0m | 4.38k | 10.4k | 2.45k | 9.03k | 130k |
| 1 | 5 | 8 | 10 | 0 | -1.00 | -5.01 | -0.620 | -1.06k | -5.31k | -360 | -6.93k | -381 | 0.730 | 3.65 | 0.459 | 12.3k | 52.3k | 7.44k | 48.6k | 389k |
| 1 | 5 | 1 | - | - | -0.213 | -1.12 | -40.6m | -2.20k | -692 | -240 | -3.71k | -1.84k | -1.01m | -0.814 | 48.3m | 1.30k | 1.95k | 689 | 481 | 2.76k |
| 1 | 5 | 7 | - | - | -0.211 | -1.99 | -0.160 | -1.44k | -484 | -154 | -2.40k | -1.15k | 14.2m | 0.572 | 0.186 | 1.86k | 2.74k | 991 | 1.63k | 2.60k |
| 1 | 5 | 8 | - | - | -0.448 | -5.44 | -0.605 | -1.44k | -484 | -154 | -2.41k | -1.15k | 0.203 | 4.02 | 0.630 | 4.73k | 9.62k | 2.74k | 11.7k | 6.70k |
| 1 | 7 | 1 | 4 | 1 | -85.5m | -1.01 | 74.6m | -25.0k | -1.47k | -2.61k | -2.61k | -18.8k | 8.30m | -0.664 | 0.145 | 4.87k | 10.3k | 7.79k | 205k | 6.82k |
| 1 | 7 | 7 | 4 | 1 | -0.406 | -1.83 | -0.121 | -15.4k | -915 | -1.61k | -1.64k | -11.4k | 0.330 | 0.565 | 0.278 | 3.74k | 8.80k | 6.87k | 152k | 20.0k |
| 1 | 7 | 8 | 4 | 1 | - | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----|---|----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 1 | 8 | 7 | 36 | 1 | -0.248 | -1.59 | -0.348 | -3.68k | -6.64k | -834 | 117 | -21.8k | 0.634 | 0.191 | 50.4m | 4.79k | 4.62k | 3.75k | 74.8k | 26.0k |
| 1 | 8 | 8 | 36 | 1 | -1.43 | -3.92 | -0.872 | -3.68k | -6.64k | -834 | 117 | -21.8k | 1.81 | 2.53 | 0.574 | 25.3k | 24.3k | 10.3k | 203k | 107k |
| 1 | 8 | 1 | 36 | 0 | -0.196 | -0.982 | -7.87m | -264 | -1.32k | -10.6 | -1.69k | -2.17k | -58.6m | -0.865 | 0.105 | 301 | 891 | 352 | 1.03k | 8.93k |
| 1 | 8 | 7 | 36 | 0 | -0.294 | -1.47 | -0.108 | -173 | -866 | -7.25 | -1.11k | -1.33k | 49.0m | 0.245 | 0.219 | 1.87k | 6.44k | 768 | 7.17k | 32.4k |
| 1 | 8 | 8 | 36 | 0 | -0.752 | -3.76 | -0.496 | -173 | -866 | -7.25 | -1.11k | -1.33k | 0.508 | 2.54 | 0.625 | 6.84k | 25.6k | 2.23k | 28.8k | 103k |
| 1 | 8 | 1 | 15 | 0 | -0.231 | -1.15 | 2.80m | -47.3 | -153 | -31.7 | -91.4 | -4.14k | -33.6m | -0.945 | 0.156 | 186 | 929 | 242 | 766 | -1.13k |
| 1 | 8 | 7 | 15 | 0 | -0.390 | -1.95 | -0.101 | -31.1 | -96.7 | -19.4 | -58.3 | -2.49k | 0.104 | 0.519 | 0.293 | 989 | 4.95k | 1.08k | 2.78k | 12.5k |
| 1 | 8 | 8 | 15 | 0 | -1.05 | -5.24 | -0.623 | -31.1 | -96.7 | -19.4 | -58.3 | -2.49k | 0.762 | 3.81 | 0.816 | 3.43k | 17.1k | 3.61k | 9.37k | 47.1k |
| 1 | 8 | 1 | - | - | -0.204 | -1.18 | -0.165 | -1.09k | -3.38k | -787 | -1.10k | -3.55k | 0.285 | -0.883 | 0.117 | 93.1 | 329 | 2.13k | 46.5k | 15.4k |
| 1 | 8 | 7 | - | - | -0.317 | -1.69 | -0.173 | -635 | -2.05k | -471 | -627 | -2.12k | 0.387 | 0.392 | 0.235 | 1.14k | 7.56k | 2.81k | 74.1k | 41.0k |
| 1 | 8 | 8 | - | - | -0.827 | -4.38 | -0.523 | -635 | -2.05k | -471 | -627 | -2.12k | 0.989 | 3.12 | 0.667 | 5.16k | 27.5k | 6.93k | 194k | 126k |
| 1 | 9 | 1 | 30 | 1 | -44.7m | -0.925 | 36.8m | -3.28k | -1.99k | -3.13k | -20.2k | 60.3 | -12.7m | -0.844 | 54.8m | 7.34k | 18.7k | 437 | 32.7k | 101k |
| 1 | 9 | 7 | 30 | 1 | -0.103 | -1.21 | -0.103 | -2.19k | -1.36k | -2.00k | -13.3k | 33.7 | 44.1m | 9.89m | 0.160 | 7.80k | 23.3k | 1.37k | 36.0k | 126k |
| 1 | 9 | 8 | 30 | 1 | -0.295 | -2.77 | -0.451 | -2.19k | -1.36k | -2.00k | -13.3k | 33.7 | 0.236 | 1.57 | 0.508 | 16.4k | 51.3k | 6.15k | 79.2k | 279k |
| 1 | 9 | 1 | 27 | 1 | -0.124 | -1.32 | 33.1m | -54.0k | -6.53k | -9.22k | -27.9k | -71.7k | 0.327 | -0.846 | 0.203 | 18.1k | 27.1k | 10.2k | 385k | 83.9k |
| 1 | 9 | 7 | 27 | 1 | -0.136 | -1.74 | -8.61m | -34.1k | -4.07k | -5.82k | -17.7k | -45.0k | 0.250 | 0.138 | 0.168 | 13.0k | 20.7k | 8.79k | 260k | 66.8k |
| 1 | 9 | 8 | 27 | 1 | -0.277 | -4.11 | -0.175 | -34.1k | -4.07k | -5.82k | -17.7k | -45.0k | 0.473 | 2.56 | 0.285 | 17.1k | 30.0k | 15.0k | 303k | 103k |
| 1 | 9 | 1 | 27 | 0 | -0.222 | -1.11 | -94.1m | -827 | -4.13k | -118 | -1.63k | 1.35k | -6.63m | -0.988 | 37.3m | 49.6 | -136 | 772 | 970 | 12.3k |
| 1 | 9 | 7 | 27 | 0 | -0.389 | -1.94 | -0.263 | -523 | -2.62k | -74.4 | -1.04k | 897 | 84.7m | 0.423 | 0.127 | 210 | 756 | 582 | 875 | 8.73k |
| 1 | 9 | 8 | 27 | 0 | -1.03 | -5.13 | -0.786 | -523 | -2.62k | -74.4 | -1.04k | 897 | 0.722 | 3.61 | 0.649 | 764 | 3.51k | 886 | 1.90k | 11.0k |
| 1 | 9 | 1 | 30 | 0 | -0.222 | -1.11 | 60.5m | -2.61k | -1.98k | -586 | -11.5k | -50.3k | -21.6m | -0.888 | 0.128 | 1.67k | 8.34k | 989 | 3.32k | 888 |
| 1 | 9 | 7 | 30 | 0 | -0.323 | -1.62 | -55.3m | -1.76k | -1.37k | -396 | -7.89k | -35.2k | 21.7m | 0.109 | 0.163 | 2.54k | 12.7k | 1.37k | 4.69k | 17.7k |
| 1 | 9 | 8 | 30 | 0 | -0.766 | -3.83 | -0.311 | -1.78k | -1.37k | -396 | -7.89k | -35.2k | 0.465 | 2.32 | 0.405 | 6.04k | 30.2k | 3.09k | 28.1k | 154k |
| 1 | 9 | 1 | - | - | -0.205 | -1.12 | 19.7m | -2.62k | -1.54k | -4.74k | -14.0k | -6.16k | 11.4m | -0.840 | 85.2m | 7.78k | 7.09k | 1.07k | 66.5k | 7.75k |
| 1 | 9 | 7 | - | - | -0.276 | -1.70 | -95.2m | -1.73k | -941 | -2.99k | -8.82k | -3.84k | 57.0m | 0.258 | 0.156 | 5.32k | 5.83k | 808 | 44.8k | 6.57k |
| 1 | 9 | 8 | - | - | -0.646 | -4.33 | -0.406 | -1.73k | -941 | -2.99k | -8.82k | -3.84k | 0.368 | 2.89 | 0.468 | 6.35k | 11.1k | 1.50k | 52.0k | 14.9k |
| 1 | 10 | 1 | 36 | 1 | -0.169 | -1.22 | -6.22m | -7.65k | -11.2k | -2.72k | -178 | -42.3k | -64.6m | -0.944 | 0.169 | 2.29k | -798 | 829 | 29.5k | -872 |
| 1 | 10 | 7 | 36 | 1 | -0.507 | -1.64 | -0.235 | -4.66k | -6.84k | -1.67k | -110 | -25.7k | 0.339 | 0.173 | 0.326 | 7.29k | 4.99k | 3.11k | 114k | 29.6k |
| 1 | 10 | 8 | 36 | 1 | -1.64 | -3.98 | -0.908 | -4.66k | -6.84k | -1.67k | -110 | -25.7k | 1.47 | 2.51 | 0.974 | 22.5k | 29.0k | 10.0k | 365k | 143k |
| 1 | 10 | 1 | 10 | 1 | -0.413 | -1.21 | -29.5m | -2.06k | -7.21k | -7.83k | -94.0 | 13.7m | -0.470 | 0.274 | 7.97k | 11.9k | 1.25k | 88.7k | 126k | |
| 1 | 10 | 7 | 10 | 1 | -0.739 | -1.74 | -0.419 | -5.10k | -1.33k | -4.21k | -4.39k | -9.35 | 0.302 | 0.284 | 0.439 | 15.3k | 25.3k | 4.21k | 157k | 235k |
| 1 | 10 | 8 | 10 | 1 | -2.01 | -4.38 | -1.48 | -5.10k | -1.33k | -4.21k | -4.39k | -9.35 | 1.62 | 2.93 | 1.44 | 54.5k | 75.9k | 14.3k | 438k | 656k |
| 1 | 10 | 1 | 10 | 0 | -0.191 | -1.02 | -65.7m | -4.77k | -2.13k | -4.53k | -550 | -74.2k | -36.5m | -0.836 | 25.0m | 10.0k | 12.5k | 2.43k | 51.6k | -393 |
| 1 | 10 | 7 | 10 | 0 | -0.319 | -1.82 | -0.254 | -3.11k | -1.39k | -2.97k | -361 | -48.6k | 92.4m | 0.520 | 0.231 | 18.1k | 23.9k | 4.34k | 93.0k | 43.8k |
| 1 | 10 | 8 | 10 | 0 | -0.845 | -4.94 | -0.892 | -3.11k | -1.39k | -2.97k | -361 | -48.6k | 0.621 | 3.66 | 0.869 | 48.9k | 65.5k | 12.7k | 252k | 237k |
| 1 | 10 | 1 | 36 | 0 | -0.197 | -1.01 | 42.5m | -264 | -1.32k | -189 | -271 | -1.10k | -91.1m | -0.871 | 0.127 | 1.04k | 1.02k | 409 | 1.94k | 9.52k |
| 1 | 10 | 7 | 36 | 0 | -0.273 | -1.35 | -0.167 | -173 | -866 | -120 | -179 | -675 | 49.9m | 0.173 | 0.287 | 2.24k | 6.44k | 1.05k | 7.28k | 32.9k |
| 1 | 10 | 8 | 36 | 0 | -0.692 | -3.39 | -0.733 | -173 | -866 | -120 | -179 | -675 | 0.468 | 2.22 | 0.839 | 6.71k | 25.6k | 3.16k | 23.9k | 104k |
| 1 | 10 | 1 | - | - | -0.189 | -1.08 | -0.121 | -1.49k | -1.57k | -402 | -616 | -1.36k | -27.4m | -0.632 | 0.129 | 2.77k | 506 | 253 | 8.01k | 1.08k |
| 1 | 10 | 7 | - | - | -0.283 | -1.48 | -0.409 | -949 | -944 | -256 | -401 | -880 | 0.140 | 0.341 | 0.392 | 1.78k | 2.53k | 755 | 15.8k | 1.65k |
| 1 | 10 | 8 | - | - | -0.823 | -3.92 | -1.47 | -949 | -944 | -256 | -401 | -880 | 0.677 | 2.79 | 1.45 | 6.00k | 8.53k | 2.97k | 45.6k | 6.93k |
| 1 | 11 | 1 | 36 | 1 | -0.247 | -1.24 | -0.683 | -13.0k | -3.52k | -2.59k | -114k | -9.21k | 0.205 | -0.133 | 14.0m | 6.68k | 12.6k | 2.65k | 8.82k | 56.3k |
| 1 | 11 | 7 | 36 | 1 | -0.663 | -1.71 | -1.06 | -7.80k | -2.13k | -1.56k | -68.6k | -5.47k | 0.359 | 0.188 | 0.218 | 11.1k | 21.0k | 5.34k | 79.0k | 91.1k |
| 1 | 11 | 8 | 36 | 1 | -1.97 | -4.18 | -2.72 | -7.80k | -2.13k | -1.56k | -68.6k | -5.47k | 1.66 | 2.66 | 1.88 | 61.6k | 57.6k | 20.2k | 472k | 255k |
| 1 | 11 | 1 | 37 | 1 | -50.7m | -0.265 | 28.8m | -54.0k | -5.17k | -10.6k | -32.3k | -24.5k | 0.390 | -0.114 | 0.218 | 22.2k | 41.1k | 11.2k | 434k | 175k |
| 1 | 11 | 7 | 37 | 1 | -0.117 | -0.287 | -0.158 | -29.9k | -3.16k | -5.87k | -18.0k | -14.5k | 0.252 | 29.9m | 0.249 | 15.6k | 27.6k | 10.5k | 299k | 119k |
| 1 | 11 | 8 | 37 | 1 | -0.426 | -0.691 | -0.657 | -29.9k | -3.16k | -5.87k | -18.0k | -14.5k | 0.426 | 0.418 | 0.724 | 24.0k | 40.1k | 21.9k | 450k | 178k |
| 1 | 11 | 1 | 37 | 0 | -0.256 | -1.28 | 14.8m | -5.85k | -29.3k | -833 | -30.5k | -451 | -21.2m | -0.278 | 0.285 | 5.07k | 4.45k | 3.47k | 10.1k | 133k |
| 1 | 11 | 7 | 37 | 0 | -0.263 | -1.32 | -0.170 | -3.37k | -16.8k | -484 | -17.6k | -303 | 46.3m | -36.8m | 0.279 | 4.08k | 3.41k | 2.56k | 7.49k | 98.8k |
| 1 | 11 | 8 | 37 | 0 | -0.568 | -2.84 | -0.676 | -3.37k | -16.8k | -484 | -17.6k | -303 | 0.294 | 1.35 | 0.720 | 7.14k | 10.0k | 3.98k | 11.6k | 155k |
| 1 | 11 | 1 | 36 | 0 | -0.189 | -0.949 | -0.134 | -1.37k | -819 | -263 | -7.81k | -28.5k | -25.4m | -0.305 | 12.8m | 1.28k | 6.41k | 739 | 2.10k | 547 |
| 1 | 11 | 7 | 36 | 0 | -0.270 | -1.35 | -0.294 | -855 | -530 | -163 | -4.84k | -17.7k | 72.6m | 0.174 | 0.184 | 2.63k | 13.1k | 1.33k | 6.26k | 21.4k |
| 1 | 11 | 8 | 36 | 0 | -0.679 | -3.39 | -0.841 | -855 | -530 | -163 | -4.84k | -17.7k | 0.443 | 2.22 | 0.707 | 7.44k | 37.2k | 3.60k | 35.2k | 123k |
| 1 | 11 | 1 | - | - | -0.118 | -0.986 | -0.282 | -553 | -447 | -1.51k | -10.6k | -3.85k | -13.9m | -0.158 | 0.293 | 5.05k | 5.59k | 773 | 367 | 3.60k |
| 1 | 11 | 7 | - | - | -0.163 | -1.32 | -0.461 | -337 | -295 | -856 | -6.10k | -2.21k | 33.4m | 0.127 | 0.284 | 3.31k | 3.64k | 530 | 807 | 3.13k |
| 1 | 11 | 8 | - | - | -0.406 | -3.23 | -1.20 | -337 | -295 | -856 | -6.10k | -2.21k | 0.263 | 2.04 | 0.855 | 4.34k | 7.87k | 753 | 4.60k | 5.92k |

Piano 5. Inviluppo Sollecitazioni Pilastri

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|------|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | Cmb. | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 23 | 1 | Min | -185k | 12.1k | -12.1k | -32.6 | 10.4k | 12.8k | -187k | 12.1k | -12.1k | -32.6 | 5.69k | 7.92k | -191k | 12.1k | -12.1k | -32.6 | -5.09k | -3.17k |
| 23 | 1 | Max | -176k | 12.8k | -11.9k | -31.4 | 10.6k | 13.5k | -178k | 12.8k | -11.9k | -31.4 | 5.76k | 8.34k | -182k | 12.8k | -11.9k | -31.4 | -5.02k | -3.01k |
| 23 | 4 | Max | -126k | 8.58k | -9.02k | -23.3 | 7.92k | 9.04k | -127k | 8.58k | -9.02k | -23.3 | 4.31k | 5.60k | -130k | 8.58k | -9.02k | -23.3 | -3.81k | -2.12k |
| 23 | 5 | Max | -120k | 8.15k | -8.93k | -22.6 | 7.83k | 8.58k | -121k | 8.15k | -8.93k | -22.6 | 4.26k | 5.32k | -124k | 8.15k | -8.93k | -22.6 | -3.77k | -2.01k |
| 23 | 7 | Min | -141k | 5.97k | -11.1k | -33.5 | 6.31k | 6.71k | -142k | 5.97k | -11.1k | -33.5 | 3.51k | 4.30k | -145k | 5.97k | -11.1k | -33.5 | -4.85k | -3.27k |
| 23 | 7 | Max | -111k | 11.2k | -6.99k | -13.0 | 9.52k | 11.4k | -112k | 11.2k | -6.99k | -13.0 | 5.10k | 6.90k | -115k | 11.2k | -6.99k | -13.0 | -2.77k | -974 |
| 23 | 8 | Min | -178k | -431 | -16.0k | -58.1 | 2.42k | 1.03k | -179k | -431 | -16.0k | -58.1 | 1.60k | 1.13k | -182k | -431 | -16.0k | -58.1 | -7.42k | -6.14k |
| 23 | 8 | Max | -73.9k | 17.6k | -2.03k | 11.5 | 13.4k | 17.0k | -75.3k | 17.6k | -2.03k | 11.5 | 7.01k | 10.1k | -78.3k | 17.6k | -2.03k | 11.5 | -202 | 1.89k |
| 24 | 1 | Min | -313k | 15.6k | -6.16k | -51.9 | 10.7k | -586 | -315k | 15.6k | -6.16k | -51.9 | 8.42k | -7.17k | -320k | 15.6k | -6.16k | -51.9 | 2.90k | -22.0k |
| 24 | 1 | Max | -298k | 16.5k | -5.59k | -50.1 | 10.9k | -432 | -301k | 16.5k | -5.59k | -50.1 | 8.45k | -6.65k | -306k | 16.5k | -5.59k | -50.1 | 3.38k | -20.7k |
| 24 | 4 | Max | -206k | 10.7k | -5.22k | -37.1 | 8.47k | -344 | -208k | 10.7k | -5.22k | -37.1 | 6.38k | -4.61k | -211k | 10.7k | -5.22k | -37.1 | 1.68k | -14.2k |
| 24 | 5 | Max | -194k | 9.98k | -5.56k | -36.1 | 8.58k | -290 | -196k | 9.98k | -5.56k | -36.1 | 6.36k | -4.28k | -200k | 9.98k | -5.56k | -36.1 | 1.35k | -13.3k |
| 24 | 7 | Min | -234k | 5.88k | -7.04k | -53.5 | 6.11k | -3.00k | -236k | 5.88k | -7.04k | -53.5 | 4.73k | -5.77k | -240k | 5.88k | -7.04k | -53.5 | 1.21k | -17.9k |
| 24 | 7 | Max | -177k | 15.4k | -3.40k | -20.7 | 10.8k | 2.31k | -179k | 15.4k | -3.40k | -20.7 | 8.03k | -3.44k | -183k | 15.4k | -3.40k | -20.7 | 2.15k | -10.5k |
| 24 | 8 | Min | -308k | -5.96k | -11.4k | -92.6 | 272 | -9.26k | -310k | -5.96k | -11.4k | -92.6 | 592 | -8.41k | -314k | -5.96k | -11.4k | -92.6 | 88.9 | -27.4k |
| 24 | 8 | Max | -103k | 27.3k | 940 | 18.4 | 16.7k | 8.57k | -105k | 27.3k | 940 | 18.4 | 12.2k | -800 | -109k | 27.3k | 940 | 18.4 | 3.27k | -978 |
| 28 | 1 | Min | -90.4k | 2.08k | -4.20k | -13.5 | 3.68k | 2.58k | -91.6k | 2.08k | -4.20k | -13.5 | 2.02k | 1.75k | -94.2k | 2.08k | -4.20k | -13.5 | -1.73k | -198 |
| 28 | 1 | Max | -84.3k | 2.46k | -4.14k | -13.0 | 3.73k | 3.00k | -85.5k | 2.46k | -4.14k | -13.0 | 2.05k | 2.02k | -88.1k | 2.46k | -4.14k | -13.0 | -1.71k | -118 |
| 28 | 4 | Max | -58.0k | 1.13k | -3.14k | -9.66 | 2.78k | 1.48k | -58.9k | 1.13k | -3.14k | -9.66 | 1.53k | 1.03k | -61.0k | 1.13k | -3.14k | -9.66 | -1.30k | 12.3 |
| 28 | 5 | Max | -54.0k | 861 | -3.10k | -9.39 | 2.75k | 1.19k | -54.9k | 861 | -3.10k | -9.39 | 1.51k | 844 | -56.9k | 861 | -3.10k | -9.39 | -1.28k | 69.4 |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|
| 28 | 7 | Min | -62.4k | -1.04k | -3.91k | -13.9 | 2.14k | -398 | -63.3k | -1.04k | -3.91k | -13.9 | 1.19k | 15.1 | -65.3k | -1.04k | -3.91k | -13.9 | -1.66k | -930 |
| 28 | 7 | Max | -53.7k | 3.29k | -2.37k | -5.40 | 3.42k | 3.35k | -54.6k | 3.29k | -2.37k | -5.40 | 1.86k | 2.04k | -56.6k | 3.29k | -2.37k | -5.40 | -934 | 954 |
| 28 | 8 | Min | -73.3k | -6.23k | -5.81k | -24.1 | 570 | -4.89k | -74.2k | -6.23k | -5.81k | -24.1 | 382 | -2.40k | -76.2k | -6.23k | -5.81k | -24.1 | -2.56k | -3.20k |
| 28 | 8 | Max | -42.8k | 8.48k | -469 | 4.78 | 4.99k | 7.84k | -43.7k | 8.48k | -469 | 4.78 | 2.67k | 4.45k | -45.7k | 8.48k | -469 | 4.78 | -36.6 | 3.22k |
| 29 | 1 | Min | -91.5k | -6.58k | -2.00k | -13.5 | 1.86k | -6.72k | -92.7k | -6.58k | -2.00k | -13.5 | 1.07k | -4.09k | -95.3k | -6.58k | -2.00k | -13.5 | -723 | 1.71k |
| 29 | 1 | Max | -85.5k | -6.07k | -1.98k | -13.0 | 1.88k | -6.17k | -86.6k | -6.07k | -1.98k | -13.0 | 1.08k | -3.75k | -89.3k | -6.07k | -1.98k | -13.0 | -713 | 1.84k |
| 29 | 4 | Max | -58.9k | -4.12k | -1.54k | -9.66 | 1.44k | -4.16k | -59.8k | -4.12k | -1.54k | -9.66 | 822 | -2.52k | -61.8k | -4.12k | -1.54k | -9.66 | -565 | 1.19k |
| 29 | 5 | Max | -54.9k | -3.79k | -1.55k | -9.39 | 1.44k | -3.81k | -55.8k | -3.79k | -1.55k | -9.39 | 824 | -2.29k | -57.8k | -3.79k | -1.55k | -9.39 | -572 | 1.11k |
| 29 | 7 | Min | -65.4k | -6.27k | -1.82k | -13.9 | 1.24k | -6.03k | -66.3k | -6.27k | -1.82k | -13.9 | 727 | -3.52k | -68.3k | -6.27k | -1.82k | -13.9 | -741 | 254 |
| 29 | 7 | Max | -52.4k | -1.97k | -1.27k | -5.40 | 1.64k | -2.30k | -53.3k | -1.97k | -1.27k | -5.40 | 917 | -1.51k | -55.4k | -1.97k | -1.27k | -5.40 | -390 | 2.13k |
| 29 | 8 | Min | -81.7k | -11.4k | -2.46k | -24.1 | 817 | -10.5k | -82.6k | -11.4k | -2.46k | -24.1 | 541 | -5.92k | -84.6k | -11.4k | -2.46k | -24.1 | -1.18k | -2.01k |
| 29 | 8 | Max | -36.1k | 3.20k | -627 | 4.78 | 2.06k | 2.16k | -37.0k | 3.20k | -627 | 4.78 | 1.10k | 889 | -39.0k | 3.20k | -627 | 4.78 | 54.3 | 4.40k |

Piano 5. Inviluppo Sollecitazioni Travi

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|-----|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | 421 | 0.128 | 14.3k | 0.893 | -6.21k | 0.181 | 421 | 0.128 | 123 | 0.893 | 4.63k | 0 | 421 | 0.128 | -15.7k | 0.893 | -5.86k | -0.186 |
| 1 | 1 | Max | 468 | 0.131 | 15.9k | 0.921 | -5.61k | 0.186 | 468 | 0.131 | 126 | 0.921 | 5.15k | 0 | 468 | 0.131 | -14.1k | 0.921 | -5.25k | -0.181 |
| 1 | 4 | Max | 272 | 92.5m | 9.26k | 0.648 | -3.65k | 0.131 | 272 | 92.5m | 111 | 0.648 | 2.98k | 0 | 272 | 92.5m | -9.04k | 0.648 | -3.33k | -0.131 |
| 1 | 5 | Max | 240 | 89.7m | 8.21k | 0.628 | -3.25k | 0.127 | 240 | 89.7m | 117 | 0.628 | 2.64k | 0 | 240 | 89.7m | -7.98k | 0.628 | -2.92k | -0.127 |
| 1 | 7 | Min | 263 | 7.96m | 7.83k | 74.1m | -5.68k | 11.3m | 263 | 7.96m | -1.33k | 74.1m | 2.98k | 0 | 263 | 7.96m | -10.5k | 74.1m | -5.37k | -0.251 |
| 1 | 7 | Max | 280 | 0.177 | 10.7k | 1.22 | -1.61k | 0.251 | 280 | 0.177 | 1.55k | 1.22 | 2.99k | 0 | 280 | 0.177 | -7.60k | 1.22 | -1.30k | -11.3m |
| 1 | 8 | Min | 242 | -0.217 | 4.13k | -1.44 | -10.9k | -0.307 | 242 | -0.217 | -5.03k | -1.44 | 2.97k | 0 | 242 | -0.217 | -14.2k | -1.44 | -10.6k | -0.569 |
| 1 | 8 | Max | 301 | 0.402 | 14.4k | 2.74 | 3.63k | 0.569 | 301 | 0.402 | 5.25k | 2.74 | 3.00k | 0 | 301 | 0.402 | -3.90k | 2.74 | 3.93k | 0.307 |
| 2 | 1 | Min | -27.0k | -10.4k | 17.3k | -378 | -2.89k | -4.23k | -27.0k | -10.4k | 13.9k | -378 | 2.25k | -959 | -27.0k | -10.4k | 8.55k | -378 | 7.86k | 4.20k |
| 2 | 1 | Max | -25.5k | -10.3k | 18.9k | -375 | -2.66k | -4.20k | -25.5k | -10.3k | 15.2k | -375 | 2.47k | -954 | -25.5k | -10.3k | 9.26k | -375 | 8.58k | 4.23k |
| 2 | 4 | Max | -18.6k | -7.94k | 12.1k | -290 | -2.14k | -3.23k | -18.6k | -7.94k | 9.91k | -290 | 1.32k | -734 | -18.6k | -7.94k | 6.43k | -290 | 5.41k | 3.23k |
| 2 | 5 | Max | -17.8k | -7.91k | 11.2k | -289 | -2.08k | -3.23k | -17.8k | -7.91k | 9.23k | -289 | 1.13k | -732 | -17.8k | -7.91k | 6.13k | -289 | 4.97k | 3.23k |
| 2 | 7 | Min | -25.5k | -8.82k | 686 | -344 | -8.78k | -3.59k | -25.5k | -8.82k | -1.51k | -344 | -1.76k | -815 | -25.5k | -8.82k | -4.98k | -344 | 2.63k | 2.87k |
| 2 | 7 | Max | -11.7k | -7.05k | 23.5k | -236 | 4.50k | -2.87k | -11.7k | -7.05k | 21.3k | -236 | 4.41k | -652 | -11.7k | -7.05k | 17.8k | -236 | 8.18k | 3.59k |
| 2 | 8 | Min | -43.1k | -11.1k | -29.1k | -484 | -26.1k | -4.52k | -43.1k | -11.1k | -31.3k | -484 | -9.78k | -1.03k | -43.1k | -11.1k | -34.8k | -484 | -4.65k | 1.95k |
| 2 | 8 | Max | 5.94k | -4.78k | 53.3k | -95.3 | 21.8k | -1.95k | 5.94k | -4.78k | 51.1k | -95.3 | 12.4k | -443 | 5.94k | -4.78k | 47.6k | -95.3 | 15.5k | 4.52k |
| 3 | 1 | Min | 25.6k | -332 | 10.4k | -25.9 | 1.25k | -199 | 25.6k | -332 | 3.72k | -25.9 | 5.59k | 0 | 25.6k | -332 | -3.37k | -25.9 | 6.02k | 181 |
| 3 | 1 | Max | 27.0k | -302 | 10.8k | -23.6 | 1.56k | -181 | 27.0k | -302 | 4.03k | -23.6 | 5.92k | 0 | 27.0k | -302 | -2.39k | -23.6 | 6.08k | 199 |
| 3 | 4 | Max | 18.4k | -251 | 7.83k | -19.6 | 532 | -151 | 18.4k | -251 | 3.66k | -19.6 | 3.98k | 0 | 18.4k | -251 | -518 | -19.6 | 4.92k | 151 |
| 3 | 5 | Max | 17.6k | -260 | 7.64k | -20.3 | 305 | -156 | 17.6k | -260 | 3.92k | -20.3 | 3.77k | 0 | 17.6k | -260 | 190 | -20.3 | 5.01k | 156 |
| 3 | 7 | Min | 12.1k | -891 | 2.33k | -69.6 | -2.24k | -535 | 12.1k | -891 | -1.85k | -69.6 | 2.75k | 0 | 12.1k | -891 | -6.02k | -69.6 | 737 | -234 |
| 3 | 7 | Max | 24.8k | 389 | 13.3k | 30.4 | 3.30k | 234 | 24.8k | 389 | 9.16k | 30.4 | 5.21k | 0 | 24.8k | 389 | 4.98k | 30.4 | 9.10k | 535 |
| 3 | 8 | Min | -4.44k | -2.55k | -12.0k | -199 | -9.36k | -1.53k | -4.44k | -2.55k | -16.1k | -199 | -439 | 0 | -4.44k | -2.55k | -20.3k | -199 | -10.2k | -1.23k |
| 3 | 8 | Max | 41.3k | 2.05k | 27.6k | 160 | 10.4k | 1.23k | 41.3k | 2.05k | 23.5k | 160 | 8.40k | 0 | 41.3k | 2.05k | 19.3k | 160 | 20.0k | 1.53k |
| 4 | 1 | Min | -22.2k | 11.2k | -33.5k | 432 | 15.4k | 4.56k | -22.2k | 11.2k | -39.4k | 432 | -2.12k | -1.04k | -22.2k | 11.2k | -43.2k | 432 | -15.1k | -4.57k |
| 4 | 1 | Max | -21.0k | 11.2k | -32.1k | 432 | 16.1k | 4.57k | -21.0k | 11.2k | -37.5k | 432 | -2.03k | -1.03k | -21.0k | 11.2k | -40.9k | 432 | -14.4k | -4.56k |
| 4 | 4 | Max | -14.6k | 8.62k | -23.2k | 332 | 11.1k | 3.51k | -14.6k | 8.62k | -26.7k | 332 | -1.40k | -797 | -14.6k | 8.62k | -28.9k | 332 | -10.2k | -3.51k |
| 4 | 5 | Max | -13.7k | 8.63k | -22.3k | 333 | 10.6k | 3.52k | -13.7k | 8.63k | -25.4k | 333 | -1.33k | -798 | -13.7k | 8.63k | -27.4k | 333 | -9.65k | -3.52k |
| 4 | 7 | Min | -22.3k | 7.67k | -29.3k | 309 | 8.71k | 3.13k | -22.3k | 7.67k | -32.8k | 309 | -2.50k | -885 | -22.3k | 7.67k | -35.0k | 309 | -12.8k | -3.90k |
| 4 | 7 | Max | -6.83k | 9.57k | -17.1k | 356 | 13.4k | 3.90k | -6.83k | 9.57k | -20.6k | 356 | -310 | -710 | -6.83k | 9.57k | -22.8k | 356 | -7.49k | -3.13k |
| 4 | 8 | Min | -42.7k | 5.22k | -44.8k | 249 | 2.71k | 2.13k | -42.7k | 5.22k | -48.3k | 249 | -5.27k | -1.11k | -42.7k | 5.22k | -50.5k | 249 | -19.6k | -4.90k |
| 4 | 8 | Max | 13.6k | 12.0k | -1.65k | 416 | 19.4k | 4.90k | 13.6k | 12.0k | -5.13k | 416 | 2.46k | -483 | 13.6k | 12.0k | -7.32k | 416 | -724 | -2.13k |
| 5 | 1 | Min | -1.14k | 420 | 2.24k | -2.94 | -792 | 283 | -1.14k | 420 | 474 | -2.94 | 213 | -12.8 | -1.14k | 420 | -1.30k | -2.94 | -30.5 | -288 |
| 5 | 1 | Max | -1.10k | 426 | 2.43k | -2.89 | -745 | 288 | -1.10k | 426 | 482 | -2.89 | 232 | -12.6 | -1.10k | 426 | -1.14k | -2.89 | -2.81 | -283 |
| 5 | 4 | Max | -828 | 333 | 1.54k | -2.30 | -532 | 225 | -828 | 333 | 375 | -2.30 | 142 | -10.0 | -828 | 333 | -687 | -2.30 | 41.8 | -225 |
| 5 | 5 | Max | -810 | 337 | 1.42k | -2.33 | -504 | 228 | -810 | 337 | 376 | -2.33 | 130 | -10.1 | -810 | 337 | -579 | -2.33 | 64.2 | -228 |
| 5 | 7 | Min | -1.39k | 188 | 1.05k | -3.31 | -859 | 127 | -1.39k | 188 | -114 | -3.31 | 124 | -14.3 | -1.39k | 188 | -1.18k | -3.31 | -292 | -323 |
| 5 | 7 | Max | -268 | 478 | 2.03k | -1.29 | -204 | 323 | -268 | 478 | 865 | -1.29 | 160 | -5.65 | -268 | 478 | -198 | -1.29 | 375 | -127 |
| 5 | 8 | Min | -2.82k | -189 | -206 | -5.92 | -1.70k | -127 | -2.82k | -189 | -1.37k | -5.92 | 78.5 | -25.7 | -2.82k | -189 | -2.43k | -5.92 | -1.15k | -577 |
| 5 | 8 | Max | 1.17k | 855 | 3.28k | 1.33 | 633 | 577 | 1.17k | 855 | 2.12k | 1.33 | 206 | 5.66 | 1.17k | 855 | 1.06k | 1.33 | 1.23k | 127 |
| 6 | 1 | Min | 5.19k | -827 | 1.32k | 4.19 | -158 | -577 | 5.19k | -827 | -433 | 4.19 | 181 | -6.20 | 5.19k | -827 | -2.38k | 4.19 | -790 | 551 |
| 6 | 1 | Max | 5.26k | -790 | 1.47k | 4.33 | -131 | -551 | 5.26k | -790 | -413 | 4.33 | 200 | -5.93 | 5.26k | -790 | -2.18k | 4.33 | -734 | 577 |
| 6 | 4 | Max | 3.81k | -573 | 857 | 3.10 | -83.0 | -400 | 3.81k | -573 | -279 | 3.10 | 117 | -4.30 | 3.81k | -573 | -1.44k | 3.10 | -490 | 400 |
| 6 | 5 | Max | 3.73k | -551 | 759 | 3.01 | -67.8 | -384 | 3.73k | -551 | -263 | 3.01 | 103 | -4.13 | 3.73k | -551 | -1.31k | 3.01 | -450 | 384 |
| 6 | 7 | Min | 1.57k | -779 | 356 | 2.06 | -437 | -544 | 1.57k | -779 | -780 | 2.06 | 108 | -5.85 | 1.57k | -779 | -1.94k | 2.06 | -834 | 256 |
| 6 | 7 | Max | 6.05k | -368 | 1.36k | 4.14 | 272 | -256 | 6.05k | -368 | 222 | 4.14 | 126 | -2.76 | 6.05k | -368 | -939 | 4.14 | -145 | 544 |
| 6 | 8 | Min | -4.27k | -1.31k | -956 | -0.552 | -1.37k | -911 | -4.27k | -1.31k | -2.09k | -0.552 | 84.3 | -9.80 | -4.27k | -1.31k | -3.25k | -0.552 | -1.74k | -111 |
| 6 | 8 | Max | 11.9k | 159 | 2.67k | 6.75 | 1.20k | 111 | 11.9k | 159 | 1.53k | 6.75 | 149 | 1.20 | 11.9k | 159 | 373 | 6.75 | 757 | 911 |
| 7 | 1 | Min | -44.7k | -7.31k | 12.1k | 2.75 | -1.45k | -9.93k | -38.6k | -7.31k | -591 | 2.75 | 10.6k | 5.18k | -32.6k | -7.31k | -13.3k | 2.75 | -3.92k | 19.2k |
| 7 | 1 | Max | -43.7k | -6.70k | 12.1k | 2.93 | -1.43k | -8.81k | -37.7k | -6.70k | -582 | 2.93 | 10.6k | 5.34k | -31.6k | -6.70k | -13.3k | 2.93 | -3.86k | 20.6k |
| 7 | 4 | Max | -33.2k | -4.36k | 9.31k | 1.95 | -1.09k | -5.31k | -28.5k | -4.36k | -446 | 1.95 | 8.17k | 3.79k | -23.9k | -4.36k | -10.2k | 1.95 | -2.96k | 12.9k |
| 7 | 5 | Max | -32.7k | -3.92k | 9.32k | 1.85 | -1.08k | -4.52k | -28.1k | -3.92k | -443 | 1.85 | 8.19k | 3.68k | -23.4k | -3.92k | -10.2k | 1.85 | -2.93k | 11.9k |
| 7 | 7 | Min | -47.6k | -10.6k | 9.10k | -5.43 | -1.23k | -16.3k | -42.9k | -10.6k | -663 | -5.43 | 7.58k | 988 | -38.2k | -10.6k | -10.4k | -5.43 | -3.99k | -2.34k |
| 7 | 7 | Max | -18.8k | 1.90k | 9.53k | 9.34 | -949 | 5.67k | -14.2k | 1.90k | -230 | 9.34 | 8.76k | 6.60k | -9.50k | 1.90k | -9.99k | 9.34 | -1.92k | 28.1k |
| 7 | 8 | Min | -48.9k | -27.0k | 8.54k | -24.8 | -1.59k | -45.0k | -80.2k | -27.0k | -1.22k | -24.8 | 6.06k | -6.10k | -75.6k | -27.0k | -11.0k | -24.8 | -6.68k | -42.1k |
| 7 | 8 | Max | 18.5k | 18.3k | 10.1k | 28.7 | -596 | 34.4k | 23.2k | 18.3k | 331 | 28.7 | 10.3k | 13.7k | 27.8k | 18.3k | -9.43k | 28.7 | 772 | 67.9k |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1 | 4 | Max | -195k | 3.57k | 6.16k | 0.297 | -8.77k | 4.94k | -198k | 3.57k | 6.16k | 0.297 | -2.42k | 1.27k | -204k | 3.57k | 6.16k | 0.297 | 8.67k | -5.15k |
| 1 | 5 | Max | -184k | 3.11k | 6.15k | 0.224 | -8.73k | 4.29k | -188k | 3.11k | 6.15k | 0.224 | -2.40k | 1.08k | -194k | 3.11k | 6.15k | 0.224 | 8.68k | -4.53k |
| 1 | 7 | Min | -212k | 1.22k | 4.74k | -7.20 | -10.6k | 1.92k | -216k | 1.22k | 4.74k | -7.20 | -2.81k | 666 | -222k | 1.22k | 4.74k | -7.20 | 6.48k | -8.78k |
| 1 | 7 | Max | -177k | 5.92k | 7.58k | 7.80 | -6.93k | 7.96k | -180k | 5.92k | 7.58k | 7.80 | -2.04k | 1.87k | -187k | 5.92k | 7.58k | 7.80 | 10.8k | -1.52k |
| 1 | 8 | Min | -260k | -5.06k | 983 | -26.9 | -15.4k | -6.14k | -263k | -5.06k | 983 | -26.9 | -3.81k | -937 | -269k | -5.06k | 983 | -26.9 | 676 | -18.5k |
| 1 | 8 | Max | -130k | 12.2k | 11.3k | 27.5 | -2.09k | 16.0k | -133k | 12.2k | 11.3k | 27.5 | -1.03k | 3.48k | -139k | 12.2k | 11.3k | 27.5 | 16.7k | 8.20k |
| 2 | 1 | Min | -296k | -956 | -3.95k | 0.422 | 4.87k | -1.25k | -300k | -956 | -3.95k | 0.422 | 1.13k | -261 | -306k | -956 | -3.95k | 0.422 | -5.86k | 1.37k |
| 2 | 1 | Max | -275k | -879 | -3.63k | 0.437 | 5.31k | -1.11k | -279k | -879 | -3.63k | 0.437 | 1.24k | -208 | -285k | -879 | -3.63k | 0.437 | -5.41k | 1.46k |
| 2 | 4 | Max | -184k | -568 | -2.43k | 0.188 | 3.26k | -726 | -187k | -568 | -2.43k | 0.188 | 751 | -141 | -192k | -568 | -2.43k | 0.188 | -3.63k | 881 |
| 2 | 5 | Max | -169k | -553 | -2.22k | 0.142 | 2.96k | -714 | -172k | -553 | -2.22k | 0.142 | 678 | -145 | -177k | -553 | -2.22k | 0.142 | -3.32k | 849 |
| 2 | 7 | Min | -187k | -3.11k | -2.63k | -4.55 | 3.13k | -4.29k | -190k | -3.11k | -2.63k | -4.55 | 513 | -1.09k | -195k | -3.11k | -2.63k | -4.55 | -4.20k | -2.74k |
| 2 | 7 | Max | -181k | 1.97k | -2.23k | 4.92 | 3.38k | 2.83k | -184k | 1.97k | -2.23k | 4.92 | 989 | 805 | -189k | 1.97k | -2.23k | 4.92 | -3.05k | 4.51k |
| 2 | 8 | Min | -194k | -9.91k | -3.17k | -17.0 | 2.84k | -13.8k | -197k | -9.91k | -3.17k | -17.0 | -117 | -3.62k | -202k | -9.91k | -3.17k | -17.0 | -5.74k | -12.5k |
| 2 | 8 | Max | -174k | 8.77k | -1.69k | 17.3 | 3.68k | 12.4k | -177k | 8.77k | -1.69k | 17.3 | 1.62k | 3.34k | -182k | 8.77k | -1.69k | 17.3 | -1.51k | 14.2k |
| 3 | 1 | Min | -265k | -1.51k | -3.72k | 0.422 | 4.50k | -2.48k | -269k | -1.51k | -3.72k | 0.422 | 975 | -932 | -275k | -1.51k | -3.72k | 0.422 | -5.62k | 1.65k |
| 3 | 1 | Max | -245k | -1.40k | -3.42k | 0.437 | 4.90k | -2.30k | -249k | -1.40k | -3.42k | 0.437 | 1.07k | -860 | -255k | -1.40k | -3.42k | 0.437 | -5.18k | 1.78k |
| 3 | 4 | Max | -165k | -884 | -2.29k | 0.188 | 2.99k | -1.47k | -168k | -884 | -2.29k | 0.188 | 640 | -558 | -173k | -884 | -2.29k | 0.188 | -3.48k | 1.03k |
| 3 | 5 | Max | -152k | -790 | -2.08k | 0.142 | 2.72k | -1.32k | -154k | -790 | -2.08k | 0.142 | 575 | -503 | -159k | -790 | -2.08k | 0.142 | -3.18k | 919 |
| 3 | 7 | Min | -180k | -4.18k | -2.33k | -4.55 | 2.62k | -6.20k | -183k | -4.18k | -2.33k | -4.55 | 269 | -1.89k | -188k | -4.18k | -2.33k | -4.55 | -3.86k | -3.58k |
| 3 | 7 | Max | -150k | 2.42k | -2.24k | 4.92 | 3.37k | 3.26k | -153k | 2.42k | -2.24k | 4.92 | 1.01k | 771 | -158k | 2.42k | -2.24k | 4.92 | -3.09k | 5.64k |
| 3 | 8 | Min | -219k | -13.0k | -2.44k | -17.0 | 1.64k | -18.9k | -222k | -13.0k | -2.44k | -17.0 | -717 | -5.46k | -227k | -13.0k | -2.44k | -17.0 | -4.90k | -16.0k |
| 3 | 8 | Max | -111k | 11.3k | -2.13k | 17.3 | 4.35k | 16.0k | -114k | 11.3k | -2.13k | 17.3 | 2.00k | 4.34k | -119k | 11.3k | -2.13k | 17.3 | -2.05k | 18.0k |
| 4 | 1 | Min | -83.9k | -1.18k | -6.00k | 49.2 | 2.51k | -3.93k | -70.7k | -1.54k | -294 | 13.8 | -272 | -97.6 | -60.4k | -1.58k | -8.18k | -117 | -3.45k | 3.62k |
| 4 | 1 | Max | -82.5k | -1.12k | -5.95k | 55.0 | 2.53k | -3.56k | -70.4k | -1.40k | -281 | 14.9 | -261 | -66.8 | -59.3k | -1.46k | -7.70k | -107 | -3.26k | 3.96k |
| 4 | 4 | Max | -57.6k | -719 | -4.16k | 32.9 | 1.74k | -2.33k | -50.0k | -911 | -192 | 9.05 | -173 | -48.7 | -44.1k | -971 | -5.24k | -72.1 | -2.22k | 2.38k |
| 4 | 5 | Max | -55.6k | -656 | -4.07k | 29.4 | 1.69k | -2.09k | -48.8k | -814 | -181 | 8.22 | -161 | -36.9 | -43.9k | -884 | -4.89k | -65.8 | -2.08k | 2.14k |
| 4 | 7 | Min | -109k | -2.33k | -9.63k | 13.5 | 199 | -4.32k | -106k | -1.58k | -370 | -4.45 | -380 | -334 | -155k | -2.58k | -7.60k | -103 | -4.11k | -115 |
| 4 | 7 | Max | -5.88k | 892 | 1.31k | 52.3 | 3.28k | -341 | 6.53k | -245 | -13.7 | 22.6 | 34.1 | 237 | 66.6k | 641 | -2.89k | -41.4 | -329 | 4.87k |
| 4 | 8 | Min | -245k | -6.64k | -24.1k | -37.7 | -3.81k | -9.67k | -256k | -3.36k | -849 | -40.4 | -903 | -985 | -448k | -6.87k | -13.7k | -186 | -9.13k | -6.81k |
| 4 | 8 | Max | 130k | 5.21k | 15.8k | 103 | 7.29k | 5.01k | 157k | 1.54k | 465 | 58.5 | 558 | 888 | 360k | 4.93k | 3.25k | 41.5 | 4.69k | 11.6k |
| 5 | 1 | Min | -69.0k | 860 | -4.29k | -26.3 | 2.35k | 862 | -72.0k | -42.7 | -66.8 | 2.16 | -279 | 58.4 | -94.0k | -899 | -317 | 5.65 | -5.40 | 580 |
| 5 | 1 | Max | -68.4k | 1.19k | -4.09k | -24.3 | 2.45k | 1.06k | -71.0k | -35.6 | -66.1 | 2.42 | -270 | 63.3 | -92.2k | -893 | -251 | 6.30 | 40.0 | 585 |
| 5 | 4 | Max | -46.0k | 633 | -3.00k | -16.6 | 1.70k | 574 | -48.1k | -21.7 | -42.8 | 1.38 | -203 | 34.6 | -63.0k | -562 | -204 | 3.12 | -10.1 | 360 |
| 5 | 5 | Max | -43.9k | 460 | -2.88k | -15.0 | 1.63k | 446 | -45.8k | -15.0 | -39.8 | 1.17 | -199 | 31.6 | -60.1k | -524 | -186 | 2.53 | -7.72 | 337 |
| 5 | 7 | Min | -63.6k | -6.04k | -9.72k | -91.3 | -1.62k | -2.14k | -75.7k | -118 | -176 | -4.16 | -366 | -225 | -118k | -7.68k | -2.10k | -104 | -2.35k | -4.42k |
| 5 | 7 | Max | -28.5k | 7.31k | 3.73k | 58.2 | 5.01k | 3.29k | -20.4k | 74.2 | 90.3 | 6.91 | -40.4 | 294 | -8.54k | 6.56k | 1.69k | 110 | 2.33k | 5.14k |
| 5 | 8 | Min | -109k | -23.5k | -27.0k | -290 | -10.1k | -9.19k | -148k | -369 | -514 | -18.8 | -780 | -920 | -261k | -26.7k | -6.93k | -391 | -8.33k | -17.2k |
| 5 | 8 | Max | 16.9k | 24.8k | 21.0k | 257 | 13.5k | 10.3k | 51.9k | 326 | 429 | 21.5 | 373 | 990 | 135k | 25.6k | 6.53k | 397 | 8.31k | 17.9k |
| 6 | 1 | Min | -115k | 10.5k | -513 | 28.7 | 2.31k | 6.34k | -96.8k | 56.7 | -761 | -5.25 | 544 | 87.1 | -65.6k | 22.6k | 141 | 39.8 | 23.9 | -8.39k |
| 6 | 1 | Max | -112k | 11.0k | -470 | 30.9 | 2.48k | 6.73k | -95.4k | 66.2 | -709 | -4.89 | 581 | 88.5 | -64.0k | 24.3k | 162 | 43.1 | 27.9 | -7.85k |
| 6 | 4 | Max | -72.3k | 7.01k | -300 | 18.1 | 1.47k | 4.14k | -62.3k | 32.3 | -459 | -3.42 | 334 | 48.6 | -43.3k | 15.2k | 110 | 26.6 | 18.2 | -5.26k |
| 6 | 5 | Max | -66.6k | 6.46k | -256 | 15.7 | 1.27k | 3.72k | -58.2k | 23.1 | -402 | -3.15 | 284 | 41.7 | -41.6k | 14.0k | 111 | 24.2 | 23.2 | -4.86k |
| 6 | 7 | Min | -102k | -933 | -474 | 10.2 | 1.15k | 1.22k | -112k | -16.6 | -583 | -12.6 | 221 | -278 | -121k | 11.8k | -254 | 17.4 | -356 | -6.81k |
| 6 | 7 | Max | -42.3k | 15.0k | -125 | 26.1 | 1.79k | 7.06k | -12.4k | 81.2 | -335 | 5.78 | 448 | 375 | 34.7k | 18.5k | 474 | 35.8 | 393 | -3.72k |
| 6 | 8 | Min | -180k | -22.0k | -887 | -10.5 | 334 | -6.50k | -243k | -148 | -882 | -36.5 | -3.05 | -1.15k | -327k | 2.77k | -1.18k | -5.79 | -1.33k | -10.9k |
| 6 | 8 | Max | 35.4k | 36.0k | 288 | 46.8 | 2.60k | 14.8k | 119k | 212 | -35.5 | 29.6 | 672 | 1.25k | 241k | 27.5k | 1.40k | 59.1 | 1.37k | 421 |
| 7 | 1 | Min | -714k | -2.42k | 5.17k | 0.714 | -10.7k | -3.93k | -718k | -2.42k | 5.17k | 0.714 | -5.46k | -1.88k | -726k | -2.42k | 5.17k | 0.714 | 4.78k | 2.21k |
| 7 | 1 | Max | -687k | -2.17k | 6.20k | 0.738 | -8.93k | -3.54k | -691k | -2.17k | 6.20k | 0.738 | -4.53k | -1.69k | -699k | -2.17k | 6.20k | 0.738 | 5.71k | 2.48k |
| 7 | 4 | Max | -419k | -1.32k | 3.38k | 0.318 | -5.72k | -2.12k | -422k | -1.32k | 3.38k | 0.318 | -2.85k | -996 | -428k | -1.32k | 3.38k | 0.318 | 3.24k | 1.38k |
| 7 | 5 | Max | -379k | -868 | 2.89k | 0.239 | -4.83k | -1.36k | -382k | -868 | 2.89k | 0.239 | -2.37k | -626 | -388k | -868 | 2.89k | 0.239 | 2.82k | 936 |
| 7 | 7 | Min | -427k | -5.01k | 1.75k | -7.69 | -7.83k | -6.76k | -430k | -5.01k | 1.75k | -7.69 | -3.58k | -2.50k | -436k | -5.01k | 1.75k | -7.69 | 1.04k | -3.77k |
| 7 | 7 | Max | -411k | 2.38k | 5.01k | 8.33 | -3.61k | 2.52k | -414k | 2.38k | 5.01k | 8.33 | -2.11k | 505 | -420k | 2.38k | 5.01k | 8.33 | 5.44k | 6.52k |
| 7 | 8 | Min | -446k | -14.9k | -2.53k | -28.7 | -13.4k | -19.1k | -449k | -14.9k | -2.53k | -28.7 | -5.49k | -6.50k | -455k | -14.9k | -2.53k | -28.7 | -4.77k | -17.5k |
| 7 | 8 | Max | -392k | 12.2k | 9.29k | 29.3 | 1.94k | 14.9k | -395k | 12.2k | 9.29k | 29.3 | -198 | 4.51k | -401k | 12.2k | 9.29k | 29.3 | 11.2k | 20.3k |
| 8 | 1 | Min | -568k | -6.49k | -2.63k | 0.668 | 7.22k | -9.72k | -572k | -6.49k | -2.63k | 0.668 | 4.61k | -3.03k | -580k | -6.49k | -2.63k | 0.668 | 35.1 | 8.13k |
| 8 | 1 | Max | -545k | -6.09k | -2.54k | 0.692 | 7.54k | -9.10k | -549k | -6.09k | -2.54k | 0.692 | 4.83k | -2.83k | -557k | -6.09k | -2.54k | 0.692 | 104 | 8.64k |
| 8 | 4 | Max | -331k | -3.89k | -1.40k | 0.297 | 4.26k | -5.80k | -335k | -3.89k | -1.40k | 0.297 | 2.81k | -1.79k | -341k | -3.89k | -1.40k | 0.297 | 284 | 5.21k |
| 8 | 5 | Max | -301k | -3.55k | -1.24k | 0.224 | 3.83k | -5.30k | -304k | -3.55k | -1.24k | 0.224 | 2.55k | -1.64k | -310k | -3.55k | -1.24k | 0.224 | 315 | 4.76k |
| 8 | 7 | Min | -342k | -7.03k | -1.56k | -7.20 | 4.02k | -9.99k | -346k | -7.03k | -1.56k | -7.20 | 2.54k | -2.75k | -352k | -7.03k | -1.56k | -7.20 | -204 | 514 |
| 8 | 7 | Max | -321k | -753 | -1.24k | 7.80 | 4.50k | -1.62k | -324k | -753 | -1.24k | 7.80 | 3.08k | -841 | -330k | -753 | -1.24k | 7.80 | 773 | 9.91k |
| 8 | 8 | Min | -368k | -15.4k | -1.97k | -26.9 | 3.41k | -21.2k | -371k | -15.4k | -1.97k | -26.9 | 1.82k | -5.29k | -377k | -15.4k | -1.97k | -26.9 | -1.50k | -12.1k |
| 8 | 8 | Max | -295k | 7.64k | -833 | 27.5 | 5.11k | 9.57k | -299k | 7.64k | -833 | 27.5 | 3.80k | 1.70k | -305k | 7.64k | -833 | 27.5 | 2.07k | 22.5k |
| 9 | 1 | Min | -422k | -4.22k | -7.15k | 0.668 | 10.2k | -6.80k | -427k | -4.22k | -7.15k | 0.668 | 3.24k | -2.49k | -434k | -4.22k | -7.15k | 0.668 | -9.42k | 5.06k |
| 9 | 1 | Max | -405k | -4.19k | -6.77k | 0.692 | 10.8k | -6.80k | -410k | -4.19k | -6.77k | 0.692 | 3.45k | -2.45k | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 11 | 7 | Min | -122k | -2.04k | -1.67k | -35.4 | -6.15k | -269 | -122k | -110 | -14.3 | -3.92 | -35.0 | -303 | -158k | -162 | 5.30k | -23.6 | 1.67k | -2.05k |
| 11 | 7 | Max | -27.8k | 7.25k | 9.17k | 26.5 | -789 | 4.14k | -3.22k | 26.7 | 365 | 7.63 | 193 | 229 | 50.1k | 3.02k | 10.8k | 16.6 | 7.13k | -298 |
| 11 | 8 | Min | -247k | -14.0k | -15.8k | -116 | -13.1k | -5.90k | -280k | -277 | -516 | -19.0 | -317 | -1.02k | -438k | -4.39k | -1.96k | -76.4 | -5.51k | -4.38k |
| 11 | 8 | Max | 97.4k | 19.2k | 23.3k | 107 | 6.17k | 9.77k | 155k | 194 | 867 | 22.7 | 475 | 941 | 331k | 7.25k | 18.1k | 69.4 | 14.3k | 2.03k |
| 12 | 1 | Min | -69.9k | 1.69k | 8.08k | 35.6 | -3.22k | 3.51k | -52.3k | 827 | 104 | 9.15 | 364 | 446 | -54.8k | 4.94k | 3.69k | -132 | 1.34k | -3.31k |
| 12 | 1 | Max | -65.9k | 1.88k | 8.38k | 39.0 | -3.07k | 3.88k | -49.8k | 918 | 110 | 10.0 | 371 | 485 | -53.2k | 5.40k | 3.99k | -122 | 1.43k | -3.00k |
| 12 | 4 | Max | -48.3k | 1.10k | 5.80k | 23.1 | -2.19k | 2.28k | -37.8k | 537 | 72.4 | 5.91 | 252 | 282 | -41.6k | 3.27k | 2.38k | -81.1 | 846 | -1.98k |
| 12 | 5 | Max | -46.3k | 985 | 5.57k | 20.7 | -2.09k | 2.03k | -36.8k | 477 | 67.9 | 5.27 | 242 | 251 | -41.2k | 2.96k | 2.14k | -73.8 | 760 | -1.77k |
| 12 | 7 | Min | -74.3k | 175 | 3.17k | 8.23 | -3.22k | 1.05k | -77.2k | 64.6 | -132 | -2.10 | 155 | -104 | -114k | 1.69k | -1.42k | -99.2 | -1.55k | -4.19k |
| 12 | 7 | Max | -22.4k | 2.03k | 8.43k | 37.9 | -1.17k | 3.50k | -1.57k | 1.01k | 277 | 13.9 | 350 | 668 | 31.1k | 4.85k | 6.17k | -63.0 | 3.25k | 236 |
| 12 | 8 | Min | -140k | -2.27k | -3.61k | -30.8 | -5.85k | -2.14k | -178k | -1.19k | -654 | -22.6 | -104 | -1.09k | -300k | -2.45k | -11.2k | -145 | -7.72k | -10.0k |
| 12 | 8 | Max | 43.1k | 4.48k | 15.2k | 77.0 | 1.47k | 6.69k | 102k | 2.26k | 799 | 34.5 | 609 | 1.65k | 217k | 8.98k | 15.9k | -17.1 | 9.41k | 6.06k |
| 13 | 1 | Min | -465k | 12.8k | -268 | 0.727 | 317 | 17.3k | -468k | 12.8k | -268 | 0.727 | 409 | 7.07k | -476k | 12.8k | -268 | 0.727 | 187 | -18.2k |
| 13 | 1 | Max | -422k | 14.6k | 115 | 0.753 | 884 | 19.8k | -426k | 14.6k | 115 | 0.753 | 670 | 8.13k | -434k | 14.6k | 115 | 0.753 | 616 | -16.0k |
| 13 | 4 | Max | -277k | 7.78k | 443 | 0.324 | -301 | 10.5k | -280k | 7.78k | 443 | 0.324 | 53.1 | 4.24k | -286k | 7.78k | 443 | 0.324 | 850 | -9.77k |
| 13 | 5 | Max | -249k | 6.56k | 675 | 0.244 | -652 | 8.79k | -251k | 6.56k | 675 | 0.244 | -111 | 3.54k | -257k | 6.56k | 675 | 0.244 | 1.10k | -8.27k |
| 13 | 7 | Min | -298k | 5.20k | -1.30k | -7.84 | -2.56k | 7.13k | -301k | 5.20k | -1.30k | -7.84 | -813 | 2.97k | -307k | 5.20k | -1.30k | -7.84 | -1.41k | -13.2k |
| 13 | 7 | Max | -256k | 10.4k | 2.18k | 8.49 | 1.96k | 13.8k | -258k | 10.4k | 2.18k | 8.49 | 919 | 5.52k | -264k | 10.4k | 2.18k | 8.49 | 3.11k | -6.39k |
| 13 | 8 | Min | -342k | -1.66k | -5.78k | -29.2 | -8.37k | -1.73k | -344k | -1.66k | -5.78k | -29.2 | -3.04k | -407 | -350k | -1.66k | -5.78k | -29.2 | -7.26k | -22.1k |
| 13 | 8 | Max | -212k | 17.2k | 6.67k | 29.9 | 7.77k | 22.7k | -215k | 17.2k | 6.67k | 29.9 | 3.15k | 8.90k | -221k | 17.2k | 6.67k | 29.9 | 8.96k | 2.58k |
| 14 | 1 | Min | -829k | -18.4k | -6.05k | 1.04 | 16.6k | -22.8k | -833k | -18.4k | -6.05k | 1.04 | 12.3k | -8.07k | -842k | -18.4k | -6.05k | 1.04 | 2.52k | 22.4k |
| 14 | 1 | Max | -742k | -16.4k | -5.41k | 1.07 | 18.5k | -20.3k | -747k | -16.4k | -5.41k | 1.07 | 13.7k | -7.12k | -756k | -16.4k | -5.41k | 1.07 | 2.77k | 25.1k |
| 14 | 4 | Max | -470k | -10.3k | -3.24k | 0.462 | 10.2k | -12.7k | -473k | -10.3k | -3.24k | 0.462 | 7.61k | -4.41k | -481k | -10.3k | -3.24k | 0.462 | 1.77k | 14.2k |
| 14 | 5 | Max | -412k | -8.97k | -2.78k | 0.348 | 8.85k | -11.0k | -415k | -8.97k | -2.78k | 0.348 | 6.62k | -3.78k | -422k | -8.97k | -2.78k | 0.348 | 1.62k | 12.4k |
| 14 | 7 | Min | -490k | -12.9k | -6.10k | -11.2 | 6.92k | -15.6k | -493k | -12.9k | -6.10k | -11.2 | 6.60k | -5.32k | -501k | -12.9k | -6.10k | -11.2 | -2.37k | 10.5k |
| 14 | 7 | Max | -450k | -7.78k | -391 | 12.1 | 13.5k | -9.73k | -454k | -7.78k | -391 | 12.1 | 8.62k | -3.50k | -461k | -7.78k | -391 | 12.1 | 5.91k | 17.8k |
| 14 | 8 | Min | -534k | -19.6k | -13.6k | -41.7 | -1.69k | -23.3k | -537k | -19.6k | -13.6k | -41.7 | 3.94k | -7.68k | -544k | -19.6k | -13.6k | -41.7 | -13.2k | 801 |
| 14 | 8 | Max | -407k | -1.10k | 7.06k | 42.6 | 22.1k | -2.04k | -410k | -1.10k | 7.06k | 42.6 | 11.3k | -1.14k | -417k | -1.10k | 7.06k | 42.6 | 16.7k | 27.5k |
| 15 | 1 | Min | -176k | 610 | 13.3k | 23.6 | -9.05k | 2.98k | -157k | 1.30k | 280 | 6.98 | 41.4 | 376 | -142k | 485 | 17.7k | -36.4 | 7.15k | -2.21k |
| 15 | 1 | Max | -159k | 691 | 14.5k | 26.6 | -8.17k | 3.36k | -143k | 1.47k | 317 | 7.71 | 50.7 | 426 | -130k | 550 | 19.7k | -32.7 | 7.92k | -1.96k |
| 15 | 4 | Max | -104k | 396 | 8.87k | 14.7 | -5.31k | 1.86k | -94.3k | 826 | 173 | 4.46 | 52.9 | 210 | -87.4k | 282 | 11.4k | -21.1 | 4.63k | -1.26k |
| 15 | 5 | Max | -92.4k | 347 | 8.07k | 12.7 | -4.73k | 1.61k | -84.8k | 719 | 148 | 3.94 | 60.4 | 170 | -79.8k | 233 | 10.0k | -18.7 | 4.11k | -1.11k |
| 15 | 7 | Min | -142k | -175 | 35.6 | 8.13 | -9.29k | 1.22k | -160k | 208 | -92.8 | -6.57 | -416 | -386 | -206k | -275 | 4.03k | -44.4 | 260 | -2.95k |
| 15 | 7 | Max | -65.3k | 967 | 17.7k | 21.3 | -1.34k | 2.51k | -28.9k | 1.44k | 438 | 15.5 | 522 | 806 | 30.9k | 839 | 18.7k | 2.14 | 8.99k | 417 |
| 15 | 8 | Min | -241k | -1.66k | -23.4k | -8.67 | -19.8k | -435 | -332k | -1.40k | -800 | -34.9 | -1.68k | -1.92k | -518k | -1.70k | -15.6k | -105 | -11.4k | -7.35k |
| 15 | 8 | Max | 33.9k | 2.45k | 41.1k | 38.1 | 9.17k | 4.16k | 143k | 3.05k | 1.15k | 43.8 | 1.79k | 2.34k | 343k | 2.26k | 38.3k | 62.9 | 20.7k | 4.83k |
| 16 | 1 | Min | -545k | 5.45k | -3.97k | 0.668 | 5.08k | 8.65k | -549k | 5.45k | -3.97k | 0.668 | 1.27k | 3.04k | -557k | 5.45k | -3.97k | 0.668 | -5.79k | -7.31k |
| 16 | 1 | Max | -512k | 5.86k | -3.71k | 0.692 | 5.45k | 9.28k | -516k | 5.86k | -3.71k | 0.692 | 1.36k | 3.24k | -524k | 5.86k | -3.71k | 0.692 | -5.41k | -6.78k |
| 16 | 4 | Max | -330k | 3.55k | -2.35k | 0.297 | 3.16k | 5.54k | -333k | 3.55k | -2.35k | 0.297 | 746 | 1.88k | -339k | 3.55k | -2.35k | 0.297 | -3.48k | -4.50k |
| 16 | 5 | Max | -301k | 3.23k | -2.12k | 0.224 | 2.83k | 5.01k | -305k | 3.23k | -2.12k | 0.224 | 652 | 1.69k | -311k | 3.23k | -2.12k | 0.224 | -3.16k | -4.12k |
| 16 | 7 | Min | -349k | 3.42k | -6.59k | -7.20 | -2.51k | 5.17k | -352k | 3.42k | -6.59k | -7.20 | -551 | 1.46k | -358k | 3.42k | -6.59k | -7.20 | -9.83k | -5.09k |
| 16 | 7 | Max | -311k | 3.67k | -1.90k | 7.80 | 8.83k | 5.90k | -314k | 3.67k | -1.90k | 7.80 | 2.04k | 2.31k | -320k | 3.67k | -1.90k | 7.80 | 2.87k | -3.91k |
| 16 | 8 | Min | -388k | 3.11k | -18.0k | -26.9 | -17.7k | 4.24k | -391k | 3.11k | -18.0k | -26.9 | -4.03k | 330 | -398k | 3.11k | -18.0k | -26.9 | -26.9k | -6.66k |
| 16 | 8 | Max | -272k | 3.98k | 13.3k | 27.5 | 24.1k | 6.83k | -275k | 3.98k | 13.3k | 27.5 | 5.52k | 3.44k | -281k | 3.98k | 13.3k | 27.5 | 19.9k | -2.34k |
| 17 | 1 | Min | -219k | 2.89k | -5.74k | 0.668 | 7.89k | 3.82k | -223k | 2.89k | -5.74k | 0.668 | 2.50k | 842 | -231k | 2.89k | -5.74k | 0.668 | -7.58k | -4.68k |
| 17 | 1 | Max | -207k | 3.09k | -5.24k | 0.692 | 8.67k | 4.08k | -211k | 3.09k | -5.24k | 0.692 | 2.76k | 893 | -219k | 3.09k | -5.24k | 0.692 | -6.92k | -4.36k |
| 17 | 4 | Max | -144k | 1.97k | -3.52k | 0.297 | 5.29k | 2.61k | -147k | 1.97k | -3.52k | 0.297 | 1.66k | 578 | -153k | 1.97k | -3.52k | 0.297 | -4.68k | -2.97k |
| 17 | 5 | Max | -135k | 1.83k | -3.20k | 0.224 | 4.79k | 2.42k | -139k | 1.83k | -3.20k | 0.224 | 1.49k | 540 | -145k | 1.83k | -3.20k | 0.224 | -4.28k | -2.75k |
| 17 | 7 | Min | -160k | -182 | -5.22k | -7.20 | 2.93k | -434 | -164k | -182 | -5.22k | -7.20 | 1.06k | -255 | -170k | -182 | -5.22k | -7.20 | -7.15k | -6.03k |
| 17 | 7 | Max | -127k | 4.13k | -1.82k | 7.80 | 7.64k | 5.65k | -130k | 4.13k | -1.82k | 7.80 | 2.26k | 1.41k | -136k | 4.13k | -1.82k | 7.80 | -2.22k | 86.5 |
| 17 | 8 | Min | -202k | -5.85k | -9.62k | -26.9 | -3.14k | -8.43k | -206k | -5.85k | -9.62k | -26.9 | -493 | -2.42k | -212k | -5.85k | -9.62k | -26.9 | -13.5k | -14.1k |
| 17 | 8 | Max | -85.0k | 9.79k | 2.57k | 27.5 | 13.7k | 13.6k | -88.5k | 9.79k | 2.57k | 27.5 | 3.81k | 3.58k | -94.5k | 9.79k | 2.57k | 27.5 | 4.14k | 8.15k |
| 18 | 1 | Min | -226k | -3.12k | -867 | 0.476 | 1.29k | -4.34k | -231k | -3.12k | -867 | 0.476 | 226 | -293 | -238k | -3.12k | -867 | 0.476 | -1.32k | 5.19k |
| 18 | 1 | Max | -211k | -3.01k | -815 | 0.493 | 1.36k | -4.12k | -216k | -3.01k | -815 | 0.493 | 236 | -216 | -223k | -3.01k | -815 | 0.493 | -1.24k | 5.32k |
| 18 | 4 | Max | -143k | -2.45k | -560 | 0.212 | 881 | -3.48k | -147k | -2.45k | -560 | 0.212 | 153 | -297 | -152k | -2.45k | -560 | 0.212 | -854 | 4.11k |
| 18 | 5 | Max | -132k | -2.50k | -523 | 0.160 | 823 | -3.60k | -136k | -2.50k | -523 | 0.160 | 144 | -344 | -141k | -2.50k | -523 | 0.160 | -797 | 4.16k |
| 18 | 7 | Min | -153k | -3.48k | -629 | -5.13 | 727 | -5.03k | -157k | -3.48k | -629 | -5.13 | 58.5 | -573 | -162k | -3.48k | -629 | -5.13 | -990 | 2.44k |
| 18 | 7 | Max | -133k | -1.42k | -491 | 5.56 | 1.03k | -1.93k | -137k | -1.42k | -491 | 5.56 | 248 | -20.8 | -142k | -1.42k | -491 | 5.56 | -718 | 5.78k |
| 18 | 8 | Min | -176k | -6.12k | -796 | -19.1 | 345 | -8.96k | -180k | -6.12k | -796 | -19.1 | -185 | -1.24k | -186k | -6.12k | -796 | -19.1 | -1.33k | -1.82k |
| 18 | 8 | Max | -109k | 1.22k | -323 | 19.6 | 1.42k | 2.00k | -113k | 1.22k | -323 | 19.6 | 491 | 645 | -119k | 1.22k | -323 | 19.6 | -379 | 10.0k |
| 19 | 1 | Min | -399k | -2.06k | -20.5k | 0.457 | 24.7k | -3.55k | -403k | -2.06k | -20.5k | 0.457 | 7.36k | -1.60k | -410k | -2.06k | -20.5k | 0.457 | -28.5k | 1.83k |
| 19 | 1 | Max | -362k | -1.79k | -18.2k | 0.473 | 27.7k | -3.11k | -366k | -1.79k | -18.2k | 0.473 | 8.28k | -1.40k | -373k | -1.79k | -18.2k | 0.473 | -25.6k | 2.11k |
| 19 | 4 | Max | -236k | -1.08k | -11.6k | 0.204 | 15.6k | -1.88k | -239k | -1.08k | -11.6k | 0.204 | 4.64k | -849 | -245k | -1.08k | -11.6k | 0.204 | -16.2k | 1.10k |
| 19 | 5 | Max | -211k | -906 | - | | | | | | | | | | | | | | | |

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|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 21 | 8 | Min | -404k | -15.5k | -12.6k | -27.6 | -20.2k | -20.2k | -407k | -15.5k | -12.6k | -27.6 | -6.07k | -5.50k | -413k | -15.5k | -12.6k | -27.6 | -17.1k | 5.84k |
| 21 | 8 | Max | -285k | -4.28k | 14.9k | 28.3 | 17.4k | -5.92k | -288k | -4.28k | 14.9k | 28.3 | 5.52k | -1.83k | -294k | -4.28k | 14.9k | 28.3 | 20.7k | 22.5k |
| 22 | 1 | Min | -564k | 5.57k | 5.03k | 0.668 | -7.79k | 8.71k | -568k | 5.57k | 5.03k | 0.668 | -2.10k | 2.97k | -576k | 5.57k | 5.03k | 0.668 | 7.18k | -7.66k |
| 22 | 1 | Max | -519k | 6.08k | 5.53k | 0.692 | -7.06k | 9.53k | -524k | 6.08k | 5.53k | 0.692 | -1.87k | 3.27k | -531k | 6.08k | 5.53k | 0.692 | 7.85k | -7.05k |
| 22 | 4 | Max | -349k | 3.73k | 3.50k | 0.297 | -4.87k | 5.81k | -353k | 3.73k | 3.50k | 0.297 | -1.26k | 1.97k | -359k | 3.73k | 3.50k | 0.297 | 5.04k | -4.75k |
| 22 | 5 | Max | -319k | 3.40k | 3.22k | 0.224 | -4.45k | 5.27k | -323k | 3.40k | 3.22k | 0.224 | -1.13k | 1.77k | -329k | 3.40k | 3.22k | 0.224 | 4.67k | -4.35k |
| 22 | 7 | Min | -360k | 3.65k | -213 | -7.20 | -9.78k | 5.43k | -363k | 3.65k | -213 | -7.20 | -2.35k | 1.57k | -369k | 3.65k | -213 | -7.20 | -562 | -5.23k |
| 22 | 7 | Max | -338k | 3.82k | 7.22k | 7.80 | 43.5 | 6.19k | -342k | 3.82k | 7.22k | 7.80 | -172 | 2.37k | -348k | 3.82k | 7.22k | 7.80 | 10.6k | -4.27k |
| 22 | 8 | Min | -383k | 3.45k | -10.0k | -26.9 | -22.8k | 4.44k | -386k | 3.45k | -10.0k | -26.9 | -5.22k | 524 | -392k | 3.45k | -10.0k | -26.9 | -15.4k | -6.49k |
| 22 | 8 | Max | -315k | 4.02k | 17.0k | 27.5 | 13.0k | 7.18k | -319k | 4.02k | 17.0k | 27.5 | 2.70k | 3.41k | -325k | 4.02k | 17.0k | 27.5 | 25.5k | -3.02k |
| 23 | 1 | Min | -128k | 2.23k | 13.2k | 23.7 | -11.7k | -2.02k | -132k | 2.23k | 13.2k | 23.7 | 373 | -4.14k | -136k | 2.23k | 13.2k | 23.7 | 12.2k | -6.25k |
| 23 | 1 | Max | -122k | 2.35k | 13.5k | 24.6 | -11.5k | -1.89k | -126k | 2.35k | 13.5k | 24.6 | 408 | -3.89k | -130k | 2.35k | 13.5k | 24.6 | 12.5k | -5.90k |
| 23 | 4 | Max | -86.9k | 1.55k | 9.82k | 17.3 | -8.59k | -1.35k | -89.9k | 1.55k | 9.82k | 17.3 | 244 | -2.75k | -93.0k | 1.55k | 9.82k | 17.3 | 9.08k | -4.15k |
| 23 | 5 | Max | -82.8k | 1.46k | 9.63k | 16.7 | -8.45k | -1.28k | -85.8k | 1.46k | 9.63k | 16.7 | 219 | -2.60k | -88.8k | 1.46k | 9.63k | 16.7 | 8.89k | -3.92k |
| 23 | 7 | Min | -96.4k | 506 | 8.17k | 9.89 | -10.1k | -2.53k | -99.5k | 506 | 8.17k | 9.89 | 7.91 | -3.53k | -102k | 506 | 8.17k | 9.89 | 7.55k | -5.48k |
| 23 | 7 | Max | -77.4k | 2.60k | 11.5k | 24.7 | -7.13k | -175 | -80.4k | 2.60k | 11.5k | 24.7 | 480 | -1.97k | -83.4k | 2.60k | 11.5k | 24.7 | 10.6k | -2.82k |
| 23 | 8 | Min | -120k | -2.02k | 4.13k | -8.56 | -13.7k | -5.55k | -123k | -2.02k | 4.13k | -8.56 | -513 | -5.52k | -126k | -2.02k | 4.13k | -8.56 | 3.88k | -8.64k |
| 23 | 8 | Max | -54.3k | 5.12k | 15.5k | 43.1 | -3.48k | 2.85k | -57.3k | 5.12k | 15.5k | 43.1 | 1.00k | 15.8 | -60.3k | 5.12k | 15.5k | 43.1 | 14.3k | 343 |
| 24 | 1 | Min | -281k | 7.14k | 26.1k | 66.1 | -17.5k | 17.5k | -282k | 7.14k | 26.1k | 66.1 | -14.1k | 16.6k | -287k | 7.14k | 26.1k | 66.1 | 9.45k | 10.1k |
| 24 | 1 | Max | -269k | 7.52k | 26.2k | 68.6 | -17.4k | 18.5k | -269k | 7.52k | 26.2k | 68.6 | -14.0k | 17.6k | -275k | 7.52k | 26.2k | 68.6 | 9.50k | 10.8k |
| 24 | 4 | Max | -185k | 4.72k | 19.7k | 48.2 | -13.0k | 12.0k | -185k | 4.72k | 19.7k | 48.2 | -10.4k | 11.4k | -189k | 4.72k | 19.7k | 48.2 | 7.27k | 7.16k |
| 24 | 5 | Max | -174k | 4.38k | 19.5k | 46.5 | -12.8k | 11.3k | -175k | 4.38k | 19.5k | 46.5 | -10.3k | 10.7k | -179k | 4.38k | 19.5k | 46.5 | 7.28k | 6.75k |
| 24 | 7 | Min | -203k | -2.03k | 16.4k | 27.6 | -14.7k | 9.08k | -203k | -2.03k | 16.4k | 27.6 | -11.8k | 9.31k | -207k | -2.03k | 16.4k | 27.6 | 5.57k | 2.95k |
| 24 | 7 | Max | -166k | 11.5k | 22.9k | 68.8 | -11.2k | 15.0k | -167k | 11.5k | 22.9k | 68.8 | -9.09k | 13.5k | -171k | 11.5k | 22.9k | 68.8 | 8.97k | 11.4k |
| 24 | 8 | Min | -249k | -19.2k | 8.34k | -23.9 | -19.1k | 1.59k | -249k | -19.2k | 8.34k | -23.9 | -15.1k | 3.96k | -253k | -19.2k | 8.34k | -23.9 | 1.54k | -7.70k |
| 24 | 8 | Max | -121k | 28.6k | 31.0k | 120 | -6.89k | 22.5k | -121k | 28.6k | 31.0k | 120 | -5.76k | 18.9k | -125k | 28.6k | 31.0k | 120 | 13.0k | 22.0k |
| 25 | 1 | Min | -291k | -3.46k | 3.08k | 0.422 | -4.95k | -5.00k | -294k | -3.46k | 3.08k | 0.422 | -1.61k | -1.44k | -301k | -3.46k | 3.08k | 0.422 | 3.99k | 4.48k |
| 25 | 1 | Max | -280k | -3.24k | 3.25k | 0.437 | -4.72k | -4.69k | -284k | -3.24k | 3.25k | 0.437 | -1.55k | -1.35k | -290k | -3.24k | 3.25k | 0.437 | 4.23k | 4.79k |
| 25 | 4 | Max | -189k | -2.30k | 2.08k | 0.188 | -3.16k | -3.34k | -191k | -2.30k | 2.08k | 0.188 | -1.02k | -969 | -196k | -2.30k | 2.08k | 0.188 | 2.72k | 3.18k |
| 25 | 5 | Max | -178k | -2.17k | 1.94k | 0.142 | -2.95k | -3.16k | -181k | -2.17k | 1.94k | 0.142 | -954 | -918 | -186k | -2.17k | 1.94k | 0.142 | 2.54k | 2.99k |
| 25 | 7 | Min | -192k | -4.09k | 1.98k | -4.55 | -3.29k | -5.84k | -195k | -4.09k | 1.98k | -4.55 | -1.18k | -1.63k | -199k | -4.09k | 1.98k | -4.55 | 2.41k | 616 |
| 25 | 7 | Max | -186k | -516 | 2.18k | 4.92 | -3.03k | -844 | -188k | -516 | 2.18k | 4.92 | -854 | -312 | -193k | -516 | 2.18k | 4.92 | 3.03k | 5.74k |
| 25 | 8 | Min | -200k | -8.73k | 1.72k | -17.0 | -3.62k | -12.3k | -202k | -8.73k | 1.72k | -17.0 | -1.62k | -3.33k | -207k | -8.73k | 1.72k | -17.0 | 1.59k | -6.03k |
| 25 | 8 | Max | -178k | 4.12k | 2.43k | 17.3 | -2.70k | 5.63k | -181k | 4.12k | 2.43k | 17.3 | -418 | 1.39k | -185k | 4.12k | 2.43k | 17.3 | 3.85k | 12.4k |
| 26 | 1 | Min | -302k | 3.96k | 3.26k | 0.422 | -5.26k | 5.80k | -306k | 3.96k | 3.26k | 0.422 | -1.72k | 1.72k | -312k | 3.96k | 3.26k | 0.422 | 4.21k | -5.83k |
| 26 | 1 | Max | -292k | 4.25k | 3.44k | 0.437 | -5.02k | 6.21k | -295k | 4.25k | 3.44k | 0.437 | -1.66k | 1.83k | -302k | 4.25k | 3.44k | 0.437 | 4.47k | -5.42k |
| 26 | 4 | Max | -196k | 2.77k | 2.20k | 0.188 | -3.36k | 4.06k | -199k | 2.77k | 2.20k | 0.188 | -1.09k | 1.21k | -204k | 2.77k | 2.20k | 0.188 | 2.87k | -3.77k |
| 26 | 5 | Max | -185k | 2.59k | 2.06k | 0.142 | -3.14k | 3.80k | -188k | 2.59k | 2.06k | 0.142 | -1.02k | 1.14k | -193k | 2.59k | 2.06k | 0.142 | 2.68k | -3.52k |
| 26 | 7 | Min | -199k | 999 | 2.03k | -4.55 | -3.49k | 1.60k | -202k | 999 | 2.03k | -4.55 | -1.26k | 570 | -207k | 999 | 2.03k | -4.55 | 2.43k | -6.32k |
| 26 | 7 | Max | -193k | 4.54k | 2.37k | 4.92 | -3.23k | 6.53k | -196k | 4.54k | 2.37k | 4.92 | -917 | 1.85k | -201k | 4.54k | 2.37k | 4.92 | 3.32k | -1.23k |
| 26 | 8 | Min | -206k | -3.62k | 1.59k | -17.0 | -3.81k | -4.83k | -209k | -3.62k | 1.59k | -17.0 | -1.72k | -1.10k | -214k | -3.62k | 1.59k | -17.0 | 1.25k | -13.0k |
| 26 | 8 | Max | -186k | 9.15k | 2.81k | 17.3 | -2.91k | 13.0k | -189k | 9.15k | 2.81k | 17.3 | -462 | 3.53k | -194k | 9.15k | 2.81k | 17.3 | 4.50k | 5.41k |
| 27 | 1 | Min | -102k | 1.15k | -8.78k | 165 | 4.22k | -6.15k | -77.5k | -2.94k | 4.59 | 25.5 | -29.5 | -250 | -37.0k | -1.39k | -25.2k | -272 | -8.93k | 6.60k |
| 27 | 1 | Max | -95.4k | 1.27k | -8.05k | 177 | 4.71k | -5.77k | -73.9k | -2.75k | 10.7 | 27.4 | -24.9 | -232 | -36.1k | -1.32k | -22.4k | -253 | -7.97k | 7.07k |
| 27 | 4 | Max | -66.1k | 746 | -5.40k | 112 | 2.71k | -3.95k | -52.5k | -1.87k | 14.5 | 17.2 | -14.0 | -153 | -29.0k | -911 | -14.0k | -172 | -5.04k | 4.49k |
| 27 | 5 | Max | -62.0k | 666 | -4.92k | 104 | 2.39k | -3.68k | -50.0k | -1.74k | 18.4 | 15.9 | -10.9 | -140 | -29.4k | -858 | -12.1k | -159 | -4.39k | 4.17k |
| 27 | 7 | Min | -101k | -1.75k | -17.2k | 66.3 | -1.44k | -5.71k | -98.6k | -2.23k | -21.1 | 8.08 | -255 | -286 | -99.0k | -2.52k | -18.6k | -194 | -7.30k | 2.64k |
| 27 | 7 | Max | -31.5k | 3.24k | 6.42k | 158 | 6.87k | -2.18k | -6.39k | -1.51k | 50.1 | 26.3 | 227 | -20.3 | 41.1k | 694 | -9.41k | -150 | -2.78k | 6.35k |
| 27 | 8 | Min | -192k | -8.23k | -48.7k | -52.0 | -12.5k | -10.3k | -222k | -3.15k | -113 | -16.3 | -900 | -584 | -287k | -6.67k | -30.8k | -253 | -13.3k | -2.19k |
| 27 | 8 | Max | 60.0k | 9.72k | 37.9k | 276 | 17.9k | 2.41k | 117k | -587 | 142 | 50.7 | 872 | 278 | 229k | 4.85k | 2.81k | -91.8 | 3.21k | 11.2k |
| 28 | 1 | Min | -63.1k | 3.32k | 4.28k | 9.84 | -3.92k | 1.62k | -65.7k | 3.32k | 4.28k | 9.84 | 15.8 | -1.54k | -68.4k | 3.32k | 4.28k | 9.84 | 3.87k | -4.73k |
| 28 | 1 | Max | -59.0k | 3.54k | 4.38k | 10.2 | -3.84k | 1.64k | -61.6k | 3.54k | 4.38k | 10.2 | 23.6 | -1.37k | -64.3k | 3.54k | 4.38k | 10.2 | 3.96k | -4.36k |
| 28 | 4 | Max | -40.8k | 2.31k | 3.20k | 7.17 | -2.88k | 1.20k | -42.9k | 2.31k | 3.20k | 7.17 | 0.572 | -877 | -44.9k | 2.31k | 3.20k | 7.17 | 2.88k | -2.96k |
| 28 | 5 | Max | -38.1k | 2.17k | 3.14k | 6.93 | -2.83k | 1.19k | -40.2k | 2.17k | 3.14k | 6.93 | -5.76 | -765 | -42.2k | 2.17k | 3.14k | 6.93 | 2.82k | -2.72k |
| 28 | 7 | Min | -43.9k | 1.51k | 2.69k | 4.10 | -3.37k | 201 | -46.0k | 1.51k | 2.69k | 4.10 | -101 | -1.49k | -48.0k | 1.51k | 2.69k | 4.10 | 2.44k | -3.90k |
| 28 | 7 | Max | -37.7k | 3.11k | 3.71k | 10.2 | -2.38k | 2.21k | -39.8k | 3.11k | 3.71k | 10.2 | 103 | -263 | -41.8k | 3.11k | 3.71k | 10.2 | 3.31k | -2.02k |
| 28 | 8 | Min | -51.6k | -148 | 1.44k | -3.55 | -4.59k | -2.27k | -53.7k | -148 | 1.44k | -3.55 | -346 | -3.04k | -55.7k | -148 | 1.44k | -3.55 | 1.41k | -5.82k |
| 28 | 8 | Max | -30.0k | 4.77k | 4.95k | 17.9 | -1.16k | 4.68k | -32.1k | 4.77k | 4.95k | 17.9 | 347 | 1.28k | -34.1k | 4.77k | 4.95k | 17.9 | 4.35k | -9.74 |
| 29 | 1 | Min | -64.0k | 335 | 1.34k | 9.84 | -1.31k | 1.91k | -66.7k | 335 | 1.34k | 9.84 | -91.4 | 1.52k | -69.3k | 335 | 1.34k | 9.84 | 1.12k | 1.13k |
| 29 | 1 | Max | -60.0k | 438 | 1.35k | 10.2 | -1.30k | 1.96k | -62.6k | 438 | 1.35k | 10.2 | -88.2 | 1.66k | -65.3k | 438 | 1.35k | 10.2 | 1.12k | 1.36k |
| 29 | 4 | Max | -41.6k | 454 | 1.05k | 7.17 | -1.02k | 1.39k | -43.6k | 454 | 1.05k | 7.17 | -72.7 | 985 | -45.7k | 454 | 1.05k | 7.17 | 870 | 576 |
| 29 | 5 | Max | -38.9k | 524 | 1.05k | 6.93 | -1.02k | 1.36k | -40.9k | 524 | 1.05k | 6.93 | -74.8 | 884 | -43.0k | 524 | 1.05k | 6.93 | 872 | 413 |
| 29 | 7 | Min | -46.3k | -350 | 773 | 4.10 | -1.29k | 390 | -48 | | | | | | | | | | | |

Piano 2. Inviluppo Sollecitazioni Travi

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|-----|------------------|--------|----------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | 8.51k | -864 | 8.85k | -77.7m | -1.60k | -124 | -647 | 41.6 | -21.0k | 4.65 | -4.60k | -12.7 | 6.03k | -871 | -26.8k | 3.99 | -9.50k | 118 |
| 1 | 1 | Max | 8.90k | -854 | 9.28k | 58.2m | -1.53k | -122 | -619 | 44.7 | -19.2k | 5.00 | -4.24k | -11.8 | 6.34k | -824 | -25.0k | 4.31 | -8.87k | 125 |
| 1 | 4 | Max | 5.16k | -510 | 5.48k | -42.0m | -1.00k | -73.0 | -399 | 25.9 | -12.6k | 2.90 | -2.81k | -7.38 | 3.82k | -509 | -16.2k | 2.57 | -5.67k | 72.9 |
| 1 | 5 | Max | 4.50k | -464 | 4.84k | -0.126 | -918 | -66.5 | -361 | 22.0 | -11.0k | 2.46 | -2.48k | -6.27 | 3.41k | -439 | -14.3k | 2.24 | -4.98k | 62.9 |
| 1 | 7 | Min | -26.5k | -2.47k | -788 | -1.46 | -2.68k | -353 | -540 | 6.74 | -19.9k | 0.754 | -4.58k | -12.8 | -3.20k | -1.17k | -23.4k | 1.64 | -7.12k | -21.5 |
| 1 | 7 | Max | 36.8k | 1.45k | 11.8k | 1.37 | 673 | 207 | -258 | 45.1 | -5.33k | 5.04 | -1.04k | -1.92 | 10.8k | 150 | -9.01k | 3.50 | -4.22k | 167 |
| 1 | 8 | Min | -111k | -7.50k | -17.6k | -5.11 | -7.13k | -1.07k | -911 | -43.0 | -39.2k | -4.81 | -9.25k | -27.0 | -22.1k | -2.88k | -42.6k | -0.731 | -11.0k | -266 |
| 1 | 8 | Max | 122k | 6.48k | 28.5k | 5.03 | 5.13k | 928 | 112 | 94.8 | 14.0k | 10.6 | 3.63k | 12.3 | 29.7k | 1.86k | 10.1k | 5.88 | -326 | 412 |
| 2 | 1 | Min | -703 | 2.31 | 91.8k | -12.0 | -38.7k | 4.54 | -703 | 2.31 | -6.25k | -12.0 | 48.7k | -1.52m | -703 | 2.31 | -112k | -12.0 | -63.3k | -5.57 |
| 2 | 1 | Max | -605 | 2.83 | 99.4k | -10.4 | -36.0k | 5.56 | -605 | 2.83 | -5.53k | -10.4 | 52.8k | -1.24m | -605 | 2.83 | -103k | -10.4 | -57.7k | -4.55 |
| 2 | 4 | Max | -341 | 1.45 | 58.8k | -6.47 | -22.7k | 2.85 | -341 | 1.45 | -3.94k | -6.47 | 31.2k | -0.78m | -341 | 1.45 | -66.7k | -6.47 | -38.2k | -2.85 |
| 2 | 5 | Max | -142 | 1.20 | 50.8k | -5.44 | -19.7k | 2.35 | -142 | 1.20 | -3.46k | -5.44 | 26.8k | -0.64m | -142 | 1.20 | -57.7k | -5.44 | -33.3k | -2.35 |
| 2 | 7 | Min | -1.08k | 0.847 | 55.5k | -7.89 | -28.1k | 1.66 | -1.08k | 0.847 | -7.26k | -7.89 | 30.0k | -1.10m | -1.08k | 0.847 | -70.0k | -7.89 | -45.9k | -4.03 |
| 2 | 7 | Max | 399 | 2.05 | 62.1k | -5.06 | -17.4k | 4.03 | 399 | 2.05 | -6.16 | -5.06 | 32.3k | -0.46m | 399 | 2.05 | -63.4k | -5.06 | -30.5k | -1.67 |
| 2 | 8 | Min | -3.07k | -0.736 | 46.6k | -11.5 | -42.4k | -1.45 | -3.07k | -0.736 | -16.1k | -11.5 | 26.8k | -1.95m | -3.07k | -0.736 | -78.9k | -11.5 | -66.5k | -7.14 |
| 2 | 8 | Max | 2.39k | 3.63 | 71.0k | -1.46 | -3.09k | 7.14 | 2.39k | 3.63 | 8.26k | -1.46 | 35.5k | 0.40m | 2.39k | 3.63 | -54.5k | -1.46 | -9.93k | 1.45 |
| 3 | 1 | Min | 342 | -3.38 | 60.8k | 15.3 | -57.5k | -6.95 | 342 | -3.38 | 9.34k | 15.3 | 26.0k | 0 | 342 | -3.38 | -89.4k | 15.3 | -45.3k | 5.93 |
| 3 | 1 | Max | 412 | -2.89 | 65.3k | 17.1 | -52.9k | -5.93 | 412 | -2.89 | 10.5k | 17.1 | 28.2k | 0 | 412 | -2.89 | -81.5k | 17.1 | -41.5k | 6.95 |
| 3 | 4 | Max | 175 | -1.80 | 41.5k | 9.43 | -35.2k | -3.69 | 175 | -1.80 | 5.74k | 9.43 | 17.4k | 0 | 175 | -1.80 | -54.0k | 9.43 | -28.1k | 3.69 |
| 3 | 5 | Max | -5.31 | -1.52 | 38.3k | 8.24 | -31.6k | -3.13 | -5.31 | -1.52 | 4.76k | 8.24 | 16.1k | 0 | -5.31 | -1.52 | -48.9k | 8.24 | -25.8k | 3.13 |
| 3 | 7 | Min | -233 | -2.02 | 39.2k | 7.58 | -40.1k | -4.16 | -233 | -2.02 | 3.37k | 7.58 | 17.3k | 0 | -233 | -2.02 | -56.3k | 7.58 | -32.9k | 3.23 |
| 3 | 7 | Max | 582 | -1.57 | 43.9k | 11.3 | -30.4k | -3.23 | 582 | -1.57 | 8.10k | 11.3 | 17.5k | 0 | 582 | -1.57 | -51.6k | 11.3 | -23.2k | 4.16 |
| 3 | 8 | Min | -1.33k | -2.61 | 32.9k | 2.61 | -53.1k | -5.35 | -1.33k | -2.61 | -2.94k | 2.61 | 17.1k | 0 | -1.33k | -2.61 | -62.6k | 2.61 | -45.9k | 2.03 |
| 3 | 8 | Max | 1.68k | -0.988 | 50.2k | 16.3 | -17.4k | -2.03 | 1.68k | -0.988 | 14.4k | 16.3 | 17.7k | 0 | 1.68k | -0.988 | -45.3k | 16.3 | -10.3k | 5.35 |
| 4 | 1 | Min | 4.02k | 20.0 | 54.3k | -5.96 | -22.7k | 21.0 | 4.02k | 20.0 | 399 | -5.96 | 7.93k | 31.5m | 4.02k | 20.0 | -48.9k | -5.96 | -18.0k | -21.8 |
| 4 | 1 | Max | 4.16k | 20.8 | 60.0k | -4.34 | -20.3k | 21.8 | 4.16k | 20.8 | 451 | -4.34 | 8.50k | 32.8m | 4.16k | 20.8 | -44.5k | -4.34 | -16.2k | -21.0 |
| 4 | 4 | Max | 2.55k | 14.1 | 36.7k | -1.49 | -14.6k | 14.8 | 2.55k | 14.1 | 1.64k | -1.49 | 5.17k | 22.3m | 2.55k | 14.1 | -27.9k | -1.49 | -9.20k | -14.8 |
| 4 | 5 | Max | 2.36k | 13.9 | 33.2k | -0.433 | -13.6k | 14.6 | 2.36k | 13.9 | 2.02k | -0.433 | 4.68k | 22.0m | 2.36k | 13.9 | -24.6k | -0.433 | -7.67k | -14.6 |
| 4 | 7 | Min | 1.63k | 7.88 | 31.8k | -3.60 | -20.2k | 8.28 | 1.63k | 7.88 | -3.23k | -3.60 | 4.67k | 12.4m | 1.63k | 7.88 | -32.8k | -3.60 | -13.9k | -21.3 |
| 4 | 7 | Max | 3.46k | 20.3 | 41.5k | 0.615 | -9.06k | 21.3 | 3.46k | 20.3 | 6.51k | 0.615 | 5.67k | 32.1m | 3.46k | 20.3 | -23.1k | 0.615 | -4.52k | -8.28 |
| 4 | 8 | Min | -801 | -8.74 | 18.8k | -9.23 | -35.0k | -9.17 | -801 | -8.74 | -16.2k | -9.23 | 3.35k | -13.8m | -801 | -8.74 | -45.8k | -9.23 | -26.4k | -38.8 |
| 4 | 8 | Max | 5.90k | 36.9 | 54.5k | 6.24 | 5.80k | 38.8 | 5.90k | 36.9 | 19.5k | 6.24 | 7.00k | 58.3m | 5.90k | 36.9 | -10.1k | 6.24 | 7.95k | 9.17 |
| 5 | 1 | Min | 1.11k | -0.470 | 32.9k | -7.58 | -18.1k | -1.17 | 1.11k | -0.470 | -2.16k | -7.58 | 20.2k | 0 | 1.11k | -0.470 | -37.3k | -7.58 | -28.9k | 1.09 |
| 5 | 1 | Max | 1.21k | -0.438 | 33.0k | -6.96 | -18.0k | -1.09 | 1.21k | -0.438 | -2.00k | -6.96 | 20.4k | 0 | 1.21k | -0.438 | -37.0k | -6.96 | -28.0k | 1.17 |
| 5 | 4 | Max | 874 | -0.294 | 25.5k | -4.43 | -15.1k | -0.731 | 874 | -0.294 | -1.18k | -4.43 | 15.1k | 0 | 874 | -0.294 | -27.8k | -4.43 | -21.0k | 0.731 |
| 5 | 5 | Max | 898 | -0.289 | 25.5k | -3.95 | -15.4k | -0.718 | 898 | -0.289 | -1.03k | -3.95 | 15.0k | 0 | 898 | -0.289 | -27.6k | -3.95 | -20.5k | 0.718 |
| 5 | 7 | Min | 22.1 | -0.659 | 23.6k | -6.08 | -19.7k | -1.64 | 22.1 | -0.659 | -3.09k | -6.08 | 14.9k | 0 | 22.1 | -0.659 | -29.7k | -6.08 | -25.8k | -0.174 |
| 5 | 7 | Max | 1.73k | 70.1m | 27.4k | -2.78 | -10.4k | 0.174 | 1.73k | 70.1m | 732 | -2.78 | 15.3k | 0 | 1.73k | 70.1m | -25.9k | -2.78 | -16.1k | 1.64 |
| 5 | 8 | Min | -2.26k | -1.63 | 18.5k | -10.5 | -32.1k | -4.06 | -2.26k | -1.63 | -8.21k | -10.5 | 14.4k | 0 | -2.26k | -1.63 | -34.9k | -10.5 | -38.9k | -2.60 |
| 5 | 8 | Max | 4.01k | 1.04 | 32.5k | 1.65 | 1.91k | 2.60 | 4.01k | 1.04 | 5.84k | 1.65 | 15.8k | 0 | 4.01k | 1.04 | -20.8k | 1.65 | -3.02k | 4.06 |
| 6 | 1 | Min | -1.30k | -5.97 | 43.9k | 16.4 | -15.9k | -7.06 | -1.30k | -5.97 | 1.43k | 16.4 | 12.8k | -0.104 | -1.30k | -5.97 | -45.7k | 16.4 | -11.9k | 6.99 |
| 6 | 1 | Max | -1.17k | -5.91 | 49.0k | 16.5 | -13.6k | -6.99 | -1.17k | -5.91 | 2.36k | 16.5 | 14.0k | -0.103 | -1.17k | -5.91 | -42.3k | 16.5 | -11.7k | 7.06 |
| 6 | 4 | Max | -736 | -3.99 | 29.2k | 11.0 | -9.54k | -4.72 | -736 | -3.99 | 1.34k | 11.0 | 8.27k | -69.8m | -736 | -3.99 | -27.4k | 11.0 | -7.37k | 4.72 |
| 6 | 5 | Max | -645 | -3.86 | 26.1k | 10.7 | -8.46k | -4.57 | -645 | -3.86 | 1.05k | 10.7 | 7.39k | -67.6m | -645 | -3.86 | -24.8k | 10.7 | -6.87k | 4.57 |
| 6 | 7 | Min | -1.32k | -4.72 | 24.3k | 8.29 | -17.4k | -5.58 | -1.32k | -4.72 | -3.61k | 8.29 | 6.15k | -82.6m | -1.32k | -4.72 | -32.4k | 8.29 | -11.2k | 3.86 |
| 6 | 7 | Max | -156 | -3.26 | 34.2k | 13.8 | -1.66k | -3.86 | -156 | -3.26 | 6.29k | 13.8 | 10.4k | -57.1m | -156 | -3.26 | -22.4k | 13.8 | -3.53k | 5.58 |
| 6 | 8 | Min | -2.87k | -6.65 | 11.0k | 0.950 | -38.6k | -7.87 | -2.87k | -6.65 | -16.9k | 0.950 | 442 | -0.116 | -2.87k | -6.65 | -45.6k | 0.950 | -21.5k | 1.57 |
| 6 | 8 | Max | 1.40k | -1.33 | 47.4k | 21.1 | 19.5k | -1.57 | 1.40k | -1.33 | 19.5k | 21.1 | 16.1k | -23.3m | 1.40k | -1.33 | -9.19k | 21.1 | 6.73k | 7.87 |
| 7 | 1 | Min | -701 | 0.411 | 35.6k | -0.954 | -9.97k | 0.396 | -701 | 0.411 | 407 | -0.954 | 8.07k | 0 | -701 | 0.411 | -38.1k | -0.954 | -9.04k | -0.434 |
| 7 | 1 | Max | -581 | 0.449 | 39.1k | -0.873 | -9.29k | 0.434 | -581 | 0.449 | 483 | -0.873 | 9.13k | 0 | -581 | 0.449 | -34.7k | -0.873 | -8.50k | -0.396 |
| 7 | 4 | Max | -404 | 0.281 | 23.5k | -0.596 | -6.09k | 0.271 | -404 | 0.281 | 347 | -0.596 | 5.40k | 0 | -404 | 0.281 | -22.8k | -0.596 | -5.42k | -0.271 |
| 7 | 5 | Max | -347 | 0.256 | 21.1k | -0.544 | -5.57k | 0.247 | -347 | 0.256 | 333 | -0.544 | 4.79k | 0 | -347 | 0.256 | -20.5k | -0.544 | -4.92k | -0.247 |
| 7 | 7 | Min | -817 | -0.581 | 19.5k | -2.30 | -11.2k | -0.560 | -817 | -0.581 | -3.58k | -2.30 | 3.68k | 0 | -817 | -0.581 | -26.7k | -2.30 | -8.22k | -1.10 |
| 7 | 7 | Max | 8.57 | 1.14 | 27.4k | 1.10 | -942 | 1.10 | 8.57 | 1.14 | 4.28k | 1.10 | 7.12k | 0 | 8.57 | 1.14 | -18.8k | 1.10 | -2.61k | 0.560 |
| 7 | 8 | Min | -1.91k | -2.86 | 9.04k | -6.79 | -25.1k | -2.76 | -1.91k | -2.86 | -14.1k | -6.79 | -902 | 0 | -1.91k | -2.86 | -37.2k | -6.79 | -15.6k | -3.30 |
| 7 | 8 | Max | 1.11k | 3.42 | 37.9k | 5.60 | 12.9k | 3.30 | 1.11k | 3.42 | 14.8k | 5.60 | 11.7k | 0 | 1.11k | 3.42 | -8.35k | 5.60 | 4.72k | 2.76 |
| 8 | 1 | Min | 1.11k | 1.48 | 35.6k | -3.70 | -416 | 1.72 | 1.11k | 1.48 | -8.21k | -3.70 | 16.2k | -27.0m | 1.11k | 1.48 | -54.0k | -3.70 | -7.78k | -1.83 |
| 8 | 1 | Max | 1.25k | 1.58 | 39.0k | -3.29 | -302 | 1.83 | 1.25k | 1.58 | -7.42k | -3.29 | 17.9k | -25.4m | 1.25k | 1.58 | -49.1k | -3.29 | -16.2k | -1.72 |
| 8 | 4 | Max | 746 | 1.04 | 23.4k | -2.08 | -226 | 1.21 | 746 | 1.04 | -4.90k | -2.08 | 10.7k | -17.8m | 746 | 1.04 | -32.3k | -2.08 | -10.6k | -1.20 |
| 8 | 5 | Max | 666 | 0.977 | 21.0k | -1.81 | -255 | 1.14 | 666 | 0.977 | -4.38k | -1.81 | 9.57k | -16.8m | 666 | 0.977 | -29.1k | -1.81 | -9.57k | -1.14 |
| 8 | 7 | Min | 37.4 | -4.12 | 15.4k | -3.09 | -10.3k | -4.79 | 37.4 | -4.12 | -12.8k | -3.09 | 9.80k | -0.109 | 37.4 | -4.12 | -40.3k | -3.09 | -19.1k | -7.20 |
| 8 | 7 | Max | 1.45k | 6.19 | 31.3k | -1.08 | 9.82k | 7.20 | 1.45k | 6.19 | 3.05k | -1.08 | 11.5k | 73.6m | 1.45k | 6.19 | -24.4k | -1.08 | -2.18k | 4.79 |
| 8 | 8 | Min | -1.82k | -18.0 | -5.95k</ | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 10 | 7 | Min | -409 | -0.649 | 46.1k | 1.39 | -29.1k | -1.44 | -409 | -0.649 | -6.25k | 1.39 | 27.6k | -50.6μ | -409 | -0.649 | -58.6k | 1.39 | -44.4k | -0.187 |
| 10 | 7 | Max | 432 | 84.1m | 52.6k | 3.85 | -16.7k | 0.187 | 432 | 84.1m | 228 | 3.85 | 29.6k | 0.39m | 432 | 84.1m | -52.2k | 3.85 | -28.1k | 1.44 |
| 10 | 8 | Min | -1.54k | -1.63 | 37.4k | -1.73 | -45.7k | -3.62 | -1.54k | -1.63 | -14.9k | -1.73 | 24.9k | -0.64m | -1.54k | -1.63 | -67.3k | -1.73 | -66.4k | -2.37 |
| 10 | 8 | Max | 1.56k | 1.07 | 61.3k | 6.97 | -39.5 | 2.37 | 1.56k | 1.07 | 8.92k | 6.97 | 32.3k | 0.98m | 1.56k | 1.07 | -43.5k | 6.97 | -6.08k | 3.62 |
| 11 | 1 | Min | 570 | 18.9m | 68.0k | -0.218 | -50.7k | 36.5m | 570 | 18.9m | -969 | -0.218 | 18.7k | 0 | 570 | 18.9m | -76.6k | -0.218 | -54.0k | -65.8m |
| 11 | 1 | Max | 627 | 34.2m | 74.9k | -29.5m | -45.8k | 65.8m | 627 | 34.2m | -835 | -29.5m | 20.5k | 0 | 627 | 34.2m | -69.9k | -29.5m | -49.5k | -36.5m |
| 11 | 4 | Max | 364 | -1.62m | 45.1k | 0.131 | -30.8k | -3.12m | 364 | -1.62m | -282 | 0.131 | 12.4k | 0 | 364 | -1.62m | -45.7k | 0.131 | -31.9k | 3.12m |
| 11 | 5 | Max | 324 | -2.92m | 40.7k | 0.135 | -27.8k | -5.62m | 324 | -2.92m | -216 | 0.135 | 11.2k | 0 | 324 | -2.92m | -41.1k | 0.135 | -28.6k | 5.62m |
| 11 | 7 | Min | 296 | -0.110 | 41.8k | -1.10 | -36.9k | -0.212 | 296 | -0.110 | -3.60k | -1.10 | 12.0k | 0 | 296 | -0.110 | -49.0k | -1.10 | -38.6k | -0.206 |
| 11 | 7 | Max | 432 | 0.107 | 48.5k | 1.36 | -24.7k | 0.206 | 432 | 0.107 | 3.04k | 1.36 | 12.8k | 0 | 432 | 0.107 | -42.4k | 1.36 | -25.2k | 0.212 |
| 11 | 8 | Min | 116 | -0.394 | 33.0k | -4.30 | -53.1k | -0.758 | 116 | -0.394 | -12.4k | -4.30 | 10.8k | 0 | 116 | -0.394 | -57.9k | -4.30 | -56.3k | -0.752 |
| 11 | 8 | Max | 612 | 0.390 | 57.3k | 4.56 | -8.46k | 0.752 | 612 | 0.390 | 11.9k | 4.56 | 13.9k | 0 | 612 | 0.390 | -33.6k | 4.56 | -7.41k | 0.758 |
| 12 | 1 | Min | 143 | 0.335 | 89.0k | -4.69 | -67.9k | 0.790 | 143 | 0.335 | 4.47k | -4.69 | 48.4k | 0.21m | 143 | 0.335 | -87.9k | -4.69 | -44.8k | -0.856 |
| 12 | 1 | Max | 151 | 0.363 | 97.7k | -4.24 | -62.0k | 0.857 | 151 | 0.363 | 4.89k | -4.24 | 53.1k | 0.23m | 151 | 0.363 | -80.1k | -4.24 | -40.8k | -0.790 |
| 12 | 4 | Max | 94.7 | 0.225 | 58.6k | -2.76 | -40.7k | 0.531 | 94.7 | 0.225 | 2.92k | -2.76 | 31.9k | 0.14m | 94.7 | 0.225 | -52.8k | -2.76 | -26.9k | -0.531 |
| 12 | 5 | Max | 87.9 | 0.206 | 52.8k | -2.46 | -36.7k | 0.486 | 87.9 | 0.206 | 2.63k | -2.46 | 28.7k | 0.13m | 87.9 | 0.206 | -47.5k | -2.46 | -24.3k | -0.486 |
| 12 | 7 | Min | -319 | -22.7m | 56.3k | -4.01 | -46.7k | -53.7m | -319 | -22.7m | 614 | -4.01 | 31.3k | -14.5μ | -319 | -22.7m | -55.1k | -4.01 | -31.9k | -1.11 |
| 12 | 7 | Max | 508 | 0.472 | 60.9k | -1.51 | -34.8k | 1.12 | 508 | 0.472 | 5.22k | -1.51 | 32.4k | 0.30m | 508 | 0.472 | -50.5k | -1.51 | -22.0k | 53.6m |
| 12 | 8 | Min | -1.43k | -0.669 | 50.3k | -7.34 | -62.2k | -1.58 | -1.43k | -0.669 | -5.41k | -7.34 | 29.9k | -0.43m | -1.43k | -0.669 | -61.1k | -7.34 | -44.8k | -2.64 |
| 12 | 8 | Max | 1.62k | 1.12 | 66.9k | 1.82 | -19.2k | 2.64 | 1.62k | 1.12 | 11.2k | 1.82 | 33.8k | 0.71m | 1.62k | 1.12 | -44.4k | 1.82 | -9.13k | 1.58 |
| 13 | 1 | Min | 7.95k | -7.16k | 5.96k | 9.46 | -2.03k | -1.01k | -655 | 17.1 | 414 | 2.06 | 245 | 0 | -10.4k | 300 | -4.98k | 67.2m | -1.28k | -46.6 |
| 13 | 1 | Max | 7.97k | -6.51k | 6.04k | 10.4 | -1.89k | -922 | -625 | 18.9 | 419 | 2.28 | 267 | 0 | -9.01k | 329 | -4.98k | 74.1m | -1.19k | -42.5 |
| 13 | 4 | Max | 5.93k | -4.31k | 4.62k | 6.22 | -1.29k | -610 | -440 | 11.3 | 296 | 1.36 | 234 | 0 | -5.51k | 179 | -3.81k | 19.7m | -816 | -25.3 |
| 13 | 5 | Max | 5.88k | -3.88k | 4.64k | 5.60 | -1.19k | -550 | -419 | 10.1 | 287 | 1.23 | 250 | 0 | -4.62k | 153 | -3.80k | 11.0m | -754 | -21.7 |
| 13 | 7 | Min | -17.3k | -9.42k | -2.85k | -3.54 | -3.17k | -1.33k | -801 | 1.06 | -4.09k | 0.128 | -25.3 | 0 | -50.5k | -7.62k | -10.4k | -10.7 | -4.13k | -1.13k |
| 13 | 7 | Max | 29.2k | 807 | 12.1k | 16.0 | 589 | 114 | -79.4 | 21.5 | 4.68k | 2.60 | 494 | 0 | 39.4k | 7.98k | 2.77k | 10.7 | 2.50k | 1.08k |
| 13 | 8 | Min | -77.3k | -23.1k | -21.8k | -29.7 | -7.98k | -3.28k | -1.75k | -25.7 | -15.0k | -3.10 | -709 | 0 | -166k | -28.6k | -27.4k | -39.4 | -12.8k | -4.10k |
| 13 | 8 | Max | 89.1k | 14.5k | 31.1k | 42.2 | 5.40k | 2.06k | 871 | 48.3 | 15.6k | 5.83 | 1.18k | 0 | 155k | 28.9k | 19.8k | 39.4 | 11.2k | 4.05k |
| 14 | 1 | Min | 2.63k | 0.450 | 59.1k | 5.30 | -28.1k | 0.953 | 2.63k | 0.450 | -665 | 5.30 | 34.7k | 7.62m | 2.63k | 0.450 | -64.9k | 5.30 | -33.2k | -1.14 |
| 14 | 1 | Max | 2.83k | 0.536 | 62.5k | 5.65 | -26.8k | 1.13 | 2.83k | 0.536 | -507 | 5.65 | 36.8k | 9.08m | 2.83k | 0.536 | -61.1k | 5.65 | -31.0k | -0.953 |
| 14 | 4 | Max | 1.75k | 0.275 | 41.4k | 3.43 | -18.6k | 0.581 | 1.75k | 0.275 | -462 | 3.43 | 24.3k | 4.65m | 1.75k | 0.275 | -43.0k | 3.43 | -22.1k | -0.582 |
| 14 | 5 | Max | 1.61k | 0.224 | 39.0k | 3.14 | -17.6k | 0.474 | 1.61k | 0.224 | -418 | 3.14 | 22.9k | 3.79m | 1.61k | 0.224 | -40.5k | 3.14 | -20.8k | -0.474 |
| 14 | 7 | Min | 545 | -1.22 | 39.6k | 2.66 | -22.2k | -2.59 | 545 | -1.22 | -2.27k | 2.66 | 24.0k | -22.2m | 545 | -1.22 | -44.8k | 2.66 | -26.1k | -3.75 |
| 14 | 7 | Max | 2.96k | 1.77 | 43.2k | 4.21 | -15.0k | 3.75 | 2.96k | 1.77 | 1.35k | 4.21 | 24.6k | 31.5m | 2.96k | 1.77 | -41.2k | 4.21 | -18.0k | 2.59 |
| 14 | 8 | Min | -2.58k | -5.24 | 34.8k | 0.649 | -31.7k | -11.1 | -2.58k | -5.24 | -7.05k | 0.649 | 23.3k | -94.4m | -2.58k | -5.24 | -49.6k | 0.649 | -36.9k | -12.3 |
| 14 | 8 | Max | 6.09k | 5.79 | 47.9k | 6.22 | -5.56k | 12.3 | 6.09k | 5.79 | 6.13k | 6.22 | 25.3k | 0.104 | 6.09k | 5.79 | -36.4k | 6.22 | -7.24k | 11.1 |
| 15 | 1 | Min | 2.92k | 0.301 | 25.9k | -0.706 | -22.8k | 0.268 | 2.92k | 0.301 | 644 | -0.706 | -10.2k | 0 | 2.92k | 0.301 | -26.1k | -0.706 | -21.5k | -0.272 |
| 15 | 1 | Max | 3.11k | 0.306 | 27.5k | -0.691 | -21.4k | 0.272 | 3.11k | 0.306 | 692 | -0.691 | -9.57k | 0 | 3.11k | 0.306 | -24.6k | -0.691 | -20.2k | -0.268 |
| 15 | 4 | Max | 2.07k | 0.184 | 18.3k | -0.428 | -15.2k | 0.164 | 2.07k | 0.184 | 551 | -0.428 | -6.84k | 0 | 2.07k | 0.184 | -17.2k | -0.428 | -14.2k | -0.164 |
| 15 | 5 | Max | 1.96k | 0.169 | 17.3k | -0.394 | -14.4k | 0.150 | 1.96k | 0.169 | 547 | -0.394 | -6.46k | 0 | 1.96k | 0.169 | -16.2k | -0.394 | -13.4k | -0.150 |
| 15 | 7 | Min | 1.99k | -0.388 | 15.9k | -1.56 | -17.5k | -0.346 | 1.99k | -0.388 | -1.85k | -1.56 | -7.25k | 0 | 1.99k | -0.388 | -19.6k | -1.56 | -16.3k | -0.673 |
| 15 | 7 | Max | 2.16k | 0.756 | 20.7k | 0.703 | -13.0k | 0.673 | 2.16k | 0.756 | 2.95k | 0.703 | -6.44k | 0 | 2.16k | 0.756 | -14.8k | 0.703 | -12.2k | 0.346 |
| 15 | 8 | Min | 1.77k | -1.88 | 9.67k | -4.51 | -23.3k | -1.67 | 1.77k | -1.88 | -8.06k | -4.51 | -8.26k | 0 | 1.77k | -1.88 | -25.8k | -4.51 | -21.7k | -2.00 |
| 15 | 8 | Max | 2.38k | 2.24 | 26.9k | 3.66 | -7.14k | 2.00 | 2.38k | 2.24 | 9.16k | 3.66 | -5.42k | 0 | 2.38k | 2.24 | -8.57k | 3.66 | -6.82k | 1.67 |
| 16 | 1 | Min | -2.52k | 0.275 | 55.4k | -3.20 | -29.3k | 0.560 | -2.52k | 0.275 | -2.84k | -3.20 | 26.5k | -4.85m | -2.52k | 0.275 | -63.4k | -3.20 | -38.7k | -0.564 |
| 16 | 1 | Max | -2.39k | 0.277 | 58.8k | -3.12 | -27.5k | 0.564 | -2.39k | 0.277 | -2.76k | -3.12 | 28.0k | -4.82m | -2.39k | 0.277 | -59.9k | -3.12 | -36.7k | -0.560 |
| 16 | 4 | Max | -1.67k | 0.174 | 39.0k | -2.01 | -19.6k | 0.353 | -1.67k | 0.174 | -1.80k | -2.01 | 18.6k | -3.04m | -1.67k | 0.174 | -41.9k | -2.01 | -25.5k | -0.353 |
| 16 | 5 | Max | -1.58k | 0.163 | 36.8k | -1.88 | -18.5k | 0.331 | -1.58k | 0.163 | -1.68k | -1.88 | 17.5k | -2.85m | -1.58k | 0.163 | -39.5k | -1.88 | -24.0k | -0.331 |
| 16 | 7 | Min | -2.26k | -31.8m | 36.4k | -3.22 | -23.6k | -64.6m | -2.26k | -31.8m | -4.44k | -3.22 | 17.2k | -6.64m | -2.26k | -31.8m | -44.6k | -3.22 | -32.2k | -0.771 |
| 16 | 7 | Max | -1.09k | 0.379 | 41.7k | -0.806 | -15.6k | 0.771 | -1.09k | 0.379 | 841 | -0.806 | 20.0k | 0.56m | -1.09k | 0.379 | -39.3k | -0.806 | -18.7k | 64.6m |
| 16 | 8 | Min | -3.76k | -0.550 | 29.5k | -6.37 | -33.9k | -1.12 | -3.76k | -0.550 | -11.3k | -6.37 | 13.5k | -15.7m | -3.76k | -0.550 | -51.4k | -6.37 | -49.7k | -1.82 |
| 16 | 8 | Max | 416 | 0.898 | 48.5k | 2.35 | -5.21k | 1.82 | 416 | 0.898 | 7.68k | 2.35 | 23.7k | 9.63m | 416 | 0.898 | -32.4k | 2.35 | -1.28k | 1.12 |
| 17 | 1 | Min | -1.04k | 17.7 | 30.4k | -13.8 | -15.0k | 21.2 | -1.04k | 17.7 | 5.12k | -13.8 | 9.44k | 0 | -1.04k | 17.7 | -20.3k | -13.8 | -917 | -24.5 |
| 17 | 1 | Max | -930 | 20.4 | 32.7k | -11.8 | -13.2k | 24.5 | -930 | 20.4 | 6.20k | -11.8 | 9.93k | 0 | -930 | 20.4 | -20.1k | -11.8 | -96.3 | -21.2 |
| 17 | 4 | Max | -947 | 10.4 | 21.0k | -6.77 | -8.51k | 12.5 | -947 | 10.4 | 3.01k | -6.77 | 6.71k | 0 | -947 | 10.4 | -15.0k | -6.77 | -1.29k | -12.5 |
| 17 | 5 | Max | -1.03k | 8.58 | 19.5k | -5.42 | -7.43k | 10.3 | -1.03k | 8.58 | 2.37k | -5.42 | 6.39k | 0 | -1.03k | 8.58 | -14.8k | -5.42 | -1.74k | -10.3 |
| 17 | 7 | Min | -1.58k | 9.02 | 15.7k | -7.79 | -14.7k | 10.8 | -1.58k | 9.02 | -2.30k | -7.79 | 6.56k | 0 | -1.58k | 9.02 | -20.3k | -7.79 | -7.80k | -14.2 |
| 17 | 7 | Max | -311 | 11.8 | 26.3k | -5.76 | -2.28k | 14.2 | -311 | 11.8 | 8.31k | -5.76 | 6.86k | 0 | -311 | 11.8 | -9.68k | -5.76 | 5.21k | -10.8 |
| 17 | 8 | Min | -3.22k | 5.27 | 1.99k | -10.3 | -30.8k | 6.33 | -3.22k | 5.27 | -16.0k | -10.3 | 6.19k | 0 | -3.22k | 5.27 | -34.0k | -10.3 | -24.6k | -18.7 |
| 17 | 8 | Max | 1.33k | 15.6 | 40.0k | -3.24 | 13.8k | 18.7 | 1.33k | 15.6 | 22.0k | -3.24 | 7.24k | 0 | 1.33k | 15.6 | 4.02k | -3.24 | 22.0k | -6.33 |
| 18 | 1 | Min | 3.41k | -0.334 | 66.5k | -1.26 | -44.7k | -0.719 | 3.41k | -0.334 | 1.49k | -1.26 | 40.0k | -5.85m | 3.41k | -0.334 | -121k | -1.26 | -76.1k | 0.666 |
| 18 | 1 | Max | 3.82k | -0.309 | 74.0k | -1.26 | -40.1k | -0.666 | 3.82k | -0.309 | 1.76k | -1.26 | 44.8k | -5.41m | 3.82k | -0.309 | -108k | -1.26 | -67.8k | 0.719 |
| 18 | 4 | Max | 2.18k | -0.212 | 42.6k | -0.872 | -25.6k | -0.455 | 2.18k | -0.212 | 805 | -0.872 | 25.4k | -3.70m | 2.18k | -0.212 | -67.9k | -0.872 | -42.9k | 0.455 |
| 18 | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 20 | 8 | Min | -378k | -65.0k | -12.1k | -71.0 | -30.8k | -8.09k | -2.18k | -45.2 | -16.4k | -7.08 | -2.83k | -2.31 | -5.06k | -1.29k | -43.0k | -3.17 | -5.97k | -137 |
| 20 | 8 | Max | 399k | 73.9k | 28.3k | 98.0 | 30.7k | 9.19k | 1.58k | 103 | 15.6k | 15.0 | 3.30k | 1.01 | 4.30k | 1.13k | 13.3k | 8.49 | -1.76k | 156 |
| 21 | 1 | Min | 95.4 | -72.3 | 5.97k | -6.23 | -2.21k | -10.2 | -707 | -6.24 | 1.28k | -0.978 | 591 | 0 | -29.1k | 1.60k | -9.86k | 2.75 | -6.48k | -267 |
| 21 | 1 | Max | 151 | -70.0 | 6.66k | -5.83 | -2.06k | -9.92 | -680 | -5.81 | 1.55k | -0.910 | 750 | 0 | -25.5k | 1.88k | -9.24k | 3.16 | -5.89k | -227 |
| 21 | 4 | Max | 70.7 | -60.8 | 3.75k | -3.90 | -1.34k | -8.61 | -460 | -3.56 | 918 | -0.558 | 314 | 0 | -16.5k | 880 | -5.72k | 1.56 | -3.64k | -125 |
| 21 | 5 | Max | 75.9 | -63.3 | 3.26k | -3.60 | -1.22k | -8.97 | -433 | -3.15 | 780 | -0.494 | 218 | 0 | -14.4k | 681 | -5.15k | 1.27 | -3.20k | -96.5 |
| 21 | 7 | Min | -2.49k | -736 | -322 | -7.28 | -2.51k | -104 | -652 | -15.1 | -4.63k | -2.36 | 97.1 | 0 | -86.6k | -7.62k | -11.7k | -8.15 | -7.90k | -1.33k |
| 21 | 7 | Max | 2.63k | 614 | 7.83k | -0.517 | -170 | 87.0 | -267 | 7.97 | 6.47k | 1.25 | 530 | 0 | 53.7k | 9.38k | 262 | 11.3 | 616 | 1.08k |
| 21 | 8 | Min | -9.39k | -2.55k | -10.4k | -16.2 | -5.52k | -361 | -1.17k | -45.7 | -19.1k | -7.16 | -484 | 0 | -275k | -30.5k | -27.5k | -34.4 | -19.2k | -4.58k |
| 21 | 8 | Max | 9.53k | 2.42k | 17.9k | 8.38 | 2.83k | 343 | 250 | 38.6 | 21.0k | 6.05 | 1.11k | 0 | 242k | 32.3k | 16.0k | 37.5 | 11.9k | 4.33k |
| 22 | 1 | Min | 49.5 | -6.81 | 80.8k | -18.7 | -32.6k | -10.8 | 49.5 | -6.81 | 3.10k | -18.7 | 33.9k | -0.140 | 49.5 | -6.81 | -60.4k | -18.7 | -11.2k | 9.68 |
| 22 | 1 | Max | 75.6 | -6.09 | 91.8k | -16.8 | -28.9k | -9.67 | 75.6 | -6.09 | 3.21k | -16.8 | 38.5k | -0.125 | 75.6 | -6.09 | -52.7k | -16.8 | -9.28k | 10.8 |
| 22 | 4 | Max | 12.4 | -3.87 | 49.6k | -10.6 | -18.0k | -6.15 | 12.4 | -3.87 | 2.25k | -10.6 | 20.9k | -79.4m | 12.4 | -3.87 | -31.9k | -10.6 | -4.96k | 6.16 |
| 22 | 5 | Max | -3.90 | -3.39 | 42.2k | -9.25 | -15.5k | -5.39 | -3.90 | -3.39 | 2.17k | -9.25 | 17.8k | -69.5m | -3.90 | -3.39 | -26.7k | -9.25 | -3.67k | 5.39 |
| 22 | 7 | Min | -81.9 | -4.35 | 44.0k | -13.1 | -25.2k | -6.91 | -81.9 | -4.35 | -3.31k | -13.1 | 19.3k | -89.5m | -81.9 | -4.35 | -37.4k | -13.1 | -15.5k | 5.40 |
| 22 | 7 | Max | 107 | -3.39 | 55.2k | -8.07 | -10.8k | -5.40 | 107 | -3.39 | 7.81k | -8.07 | 22.4k | -69.3m | 107 | -3.39 | -26.3k | -8.07 | 5.54k | 6.91 |
| 22 | 8 | Min | -314 | -5.59 | 29.2k | -19.8 | -44.4k | -8.89 | -314 | -5.59 | -18.2k | -19.8 | 15.1k | -0.116 | -314 | -5.59 | -52.3k | -19.8 | -43.5k | 3.41 |
| 22 | 8 | Max | 339 | -2.15 | 70.0k | -1.41 | 8.40k | -3.41 | 339 | -2.15 | 22.7k | -1.41 | 26.6k | -42.7m | 339 | -2.15 | -11.4k | -1.41 | 33.6k | 8.90 |
| 23 | 1 | Min | 6.51k | 34.7 | 44.1k | -7.64 | -26.4k | 35.0 | 6.51k | 34.7 | 12.8k | -7.64 | 5.37k | -60.4m | 6.51k | 34.7 | -33.2k | -7.64 | -2.78k | -37.4 |
| 23 | 1 | Max | 6.61k | 37.0 | 49.3k | -7.28 | -24.2k | 37.4 | 6.61k | 37.0 | 13.4k | -7.28 | 6.27k | -56.6m | 6.61k | 37.0 | -27.8k | -7.28 | -1.39k | -35.0 |
| 23 | 4 | Max | 4.11k | 25.9 | 26.6k | -5.27 | -14.6k | 26.2 | 4.11k | 25.9 | 7.75k | -5.27 | 3.23k | -42.2m | 4.11k | 25.9 | -16.8k | -5.27 | -865 | -26.2 |
| 23 | 5 | Max | 3.83k | 26.1 | 22.8k | -5.25 | -12.8k | 26.4 | 3.83k | 26.1 | 6.99k | -5.25 | 2.66k | -42.6m | 3.83k | 26.1 | -13.6k | -5.25 | -278 | -26.4 |
| 23 | 7 | Min | 3.36k | 17.9 | 20.0k | -6.71 | -21.8k | 18.1 | 3.36k | 17.9 | 1.09k | -6.71 | 2.76k | -55.2m | 3.36k | 17.9 | -23.5k | -6.71 | -7.12k | -34.2 |
| 23 | 7 | Max | 4.86k | 33.9 | 33.3k | -3.83 | -7.46k | 34.2 | 4.86k | 33.9 | 14.4k | -3.83 | 3.69k | -29.2m | 4.86k | 33.9 | -10.2k | -3.83 | 5.39k | -18.1 |
| 23 | 8 | Min | 1.41k | -3.30 | 2.05k | -10.6 | -41.1k | -3.33 | 1.41k | -3.30 | -16.8k | -10.6 | 1.51k | -89.9m | 1.41k | -3.30 | -41.4k | -10.6 | -24.0k | -55.6 |
| 23 | 8 | Max | 6.81k | 55.1 | 51.2k | 37.7m | 11.9k | 55.6 | 6.81k | 55.1 | 32.3k | 37.7m | 4.94k | 5.38m | 6.81k | 55.1 | 7.73k | 37.7m | 22.2k | 3.33 |
| 24 | 1 | Min | 18.7k | -74.4 | 16.4k | 12.2 | -5.17k | -90.0 | 18.7k | -74.4 | -3.84k | 12.2 | 6.81k | 3.25 | 18.7k | -74.4 | -40.2k | 12.2 | -17.8k | 79.2 |
| 24 | 1 | Max | 20.5k | -65.5 | 18.7k | 13.8 | -4.38k | -79.3 | 20.5k | -65.5 | -3.57k | 13.8 | 7.75k | 3.69 | 20.5k | -65.5 | -35.6k | 13.8 | -15.9k | 90.0 |
| 24 | 4 | Max | 11.7k | -40.6 | 10.1k | 7.57 | -2.56k | -49.2 | 11.7k | -40.6 | -2.36k | 7.57 | 4.20k | 2.02 | 11.7k | -40.6 | -22.1k | 7.57 | -10.0k | 49.2 |
| 24 | 5 | Max | 10.4k | -34.8 | 8.58k | 6.51 | -2.05k | -42.1 | 10.4k | -34.8 | -2.16k | 6.51 | 3.58k | 1.73 | 10.4k | -34.8 | -19.0k | 6.51 | -8.71k | 42.1 |
| 24 | 7 | Min | 10.2k | -46.1 | 8.75k | 7.16 | -4.36k | -55.8 | 10.2k | -46.1 | -3.70k | 7.16 | 4.03k | 1.74 | 10.2k | -46.1 | -23.5k | 7.16 | -11.4k | 42.5 |
| 24 | 7 | Max | 13.3k | -35.2 | 11.4k | 7.98 | -757 | -42.6 | 13.3k | -35.2 | -1.02k | 7.98 | 4.37k | 2.29 | 13.3k | -35.2 | -20.8k | 7.98 | -8.56k | 55.8 |
| 24 | 8 | Min | 6.10k | -60.8 | 5.22k | 6.10 | -9.11k | -73.6 | 6.10k | -60.8 | -7.23k | 6.10 | 3.58k | 1.01 | 6.10k | -60.8 | -27.0k | 6.10 | -15.2k | 24.8 |
| 24 | 8 | Max | 17.4k | -20.5 | 15.2k | 9.05 | 3.99k | -24.8 | 17.4k | -20.5 | 2.51k | 9.05 | 4.82k | 3.03 | 17.4k | -20.5 | -17.2k | 9.05 | -4.76k | 73.5 |
| 25 | 1 | Min | -460 | 46.4 | 6.78k | 1.31 | -1.03k | 6.85 | -418 | 47.2 | -1.88k | 6.31 | 117 | 0 | 16.2k | -6.50k | -11.2k | -0.583 | -1.15k | 893 |
| 25 | 1 | Max | -420 | 51.8 | 7.29k | 1.43 | -965 | 7.64 | -380 | 50.4 | -1.51k | 6.73 | 130 | 0 | 18.2k | -6.05k | -9.75k | -0.433 | -943 | 960 |
| 25 | 4 | Max | -283 | 29.4 | 4.56k | 0.847 | -654 | 4.34 | -248 | 32.2 | -829 | 4.31 | 77.4 | 0 | 10.3k | -4.09k | -5.95k | -0.180 | -502 | 604 |
| 25 | 5 | Max | -258 | 25.8 | 4.19k | 0.759 | -606 | 3.80 | -222 | 30.0 | -603 | 4.01 | 69.4 | 0 | 8.97k | -3.78k | -5.01k | -81.8m | -367 | 558 |
| 25 | 7 | Min | -1.25k | -99.9 | 3.00k | -1.33 | -1.01k | -14.7 | -320 | 29.2 | -1.89k | 3.91 | 5.00 | 0 | -16.4k | -6.37k | -10.0k | -6.62 | -2.45k | 268 |
| 25 | 7 | Max | 684 | 159 | 6.11k | 3.02 | -299 | 23.4 | -176 | 35.2 | 230 | 4.70 | 150 | 0 | 37.0k | -1.82k | -1.85k | 6.26 | 1.44k | 940 |
| 25 | 8 | Min | -3.84k | -436 | -1.10k | -7.07 | -1.97k | -64.3 | -510 | 21.8 | -4.53k | 2.91 | -184 | 0 | -88.0k | -12.3k | -20.6k | -23.3 | -7.60k | -602 |
| 25 | 8 | Max | 3.27k | 495 | 10.2k | 8.76 | 657 | 73.0 | 13.8 | 42.7 | 2.87k | 5.70 | 339 | 0 | 109k | 4.08k | 8.68k | 23.0 | 6.59k | 1.81k |
| 26 | 1 | Min | 31.0k | -25.3 | 21.0k | 1.38 | -2.06k | -19.5 | 31.0k | -25.3 | -7.18k | 1.38 | 3.84k | -57.7m | 31.0k | -25.3 | -37.9k | 1.38 | -13.2k | 14.5 |
| 26 | 1 | Max | 35.5k | -18.8 | 23.3k | 1.85 | -1.68k | -14.5 | 35.5k | -18.8 | -6.63k | 1.85 | 4.15k | -42.9m | 35.5k | -18.8 | -34.4k | 1.85 | -12.0k | 19.5 |
| 26 | 4 | Max | 18.6k | -6.02 | 13.6k | 0.640 | -950 | -4.63 | 18.6k | -6.02 | -4.40k | 0.640 | 2.58k | -13.7m | 18.6k | -6.02 | -22.5k | 0.640 | -7.80k | 4.63 |
| 26 | 5 | Max | 15.5k | -1.34 | 12.1k | 0.357 | -723 | -1.03 | 15.5k | -1.34 | -4.01k | 0.357 | 2.37k | -3.05m | 15.5k | -1.34 | -20.2k | 0.357 | -6.96k | 1.03 |
| 26 | 7 | Min | 14.4k | -30.6 | 8.14k | -0.765 | -5.42k | -23.6 | 14.4k | -30.6 | -9.86k | -0.765 | 2.24k | -69.7m | 14.4k | -30.6 | -28.0k | -0.765 | -11.7k | -14.3 |
| 26 | 7 | Max | 22.7k | 18.6 | 19.1k | 2.04 | 3.52k | 14.3 | 22.7k | 18.6 | 1.07k | 2.04 | 2.93k | 42.3m | 22.7k | 18.6 | -17.0k | 2.04 | -3.85k | 23.6 |
| 26 | 8 | Min | 3.39k | -93.8 | -6.04k | -4.32 | -17.0k | -72.3 | 3.39k | -93.8 | -24.0k | -4.32 | 1.38k | -0.214 | 3.39k | -93.8 | -42.1k | -4.32 | -22.0k | -63.0 |
| 26 | 8 | Max | 33.7k | 81.8 | 33.2k | 5.60 | 15.1k | 63.0 | 33.7k | 81.8 | 15.2k | 5.60 | 3.79k | 0.186 | 33.7k | 81.8 | -2.85k | 5.60 | 6.43k | 72.2 |
| 27 | 1 | Min | -1.95k | -10.5 | 39.5k | 2.50 | -19.8k | -17.8 | -1.95k | -10.5 | -2.00k | 2.50 | 14.9k | -15.8m | -1.95k | -10.5 | -49.4k | 2.50 | -26.7k | 15.6 |
| 27 | 1 | Max | -1.77k | -9.20 | 45.4k | 2.97 | -17.1k | -15.6 | -1.77k | -9.20 | -1.83k | 2.97 | 17.1k | -13.9m | -1.77k | -9.20 | -43.2k | 2.97 | -23.4k | 17.8 |
| 27 | 4 | Max | -1.16k | -5.71 | 23.7k | 1.45 | -10.1k | -9.71 | -1.16k | -5.71 | -1.21k | 1.45 | 9.05k | -8.60m | -1.16k | -5.71 | -26.2k | 1.45 | -14.3k | 9.71 |
| 27 | 5 | Max | -1.04k | -4.88 | 19.8k | 1.15 | -8.29k | -8.30 | -1.04k | -4.88 | -1.10k | 1.15 | 7.61k | -7.35m | -1.04k | -4.88 | -22.0k | 1.15 | -12.1k | 8.29 |
| 27 | 7 | Min | -1.87k | -7.24 | 22.1k | 0.754 | -13.0k | -12.3 | -1.87k | -7.24 | -2.90k | 0.754 | 8.94k | -10.9m | -1.87k | -7.24 | -27.9k | 0.754 | -17.1k | 7.10 |
| 27 | 7 | Max | -450 | -4.18 | 25.4k | 2.14 | -7.18k | -7.10 | -450 | -4.18 | 470 | 2.14 | 9.16k | -6.29m | -450 | -4.18 | -24.5k | 2.14 | -11.4k | 12.3 |
| 27 | 8 | Min | -3.75k | -11.4 | 17.5k | -1.06 | -20.8k | -19.3 | -3.75k | -11.4 | -7.44k | -1.06 | 8.65k | -17.1m | -3.75k | -11.4 | -32.4k | -1.06 | -24.7k | 83.7m |
| 27 | 8 | Max | 1.43k | -49.2m | 30.0k | 3.95 | 641 | -83.7m | 1.43k | -49.2m | 5.01k | 3.95 | 9.45k | -74.2μ | 1.43k | -49.2m | -20.0k | 3.95 | -3.82k | 19.3 |
| 28 | 1 | Min | 5.31k | 0.163 | 89.9k | -4.57 | -66.8k | 0.421 | 5.31k | 0.163 | -5.93k | -4.57 | 46.8k | 3.27m | 5.31k | 0.163 | -57.8k | -4.57 | -45.4k | -0.458 |
| 28 | 1 | Max | 6.27k | 0.177 | 101k | -3.95 | -60.7k | 0.458 | 6.27k | 0.177 | -4.68k | -3.95 | 53.1k | 3.55m | 6.27k | 0.177 | -51.2k | -3.95 | -39.4k | -0.421 |
| 28 | 4 | Max | 3.31k | 81.5m | 55.8k | -2.48 | -37.4k | 0.210 | 3.31k | 81.5m | -2.97k | -2.48 | 29.2k | 1.63m | 3.31k | 81.5m | -32.6k | -2.48 | -25.3k | -0.210 |
| 28 | 5 | Max | 2.79k | -35.0m | 48.2k | -2.43 | -32.8k | -90.3m | 2.79k | -35.0m | -2.31k | -2.43 | 25.2k | -0.70m | 2.79k | -35.0m | -28.3k | -2.43 | -21.6k | 90.3m |
| 28 | 7 | Min | 2.83k | -0.204 | 53.6k | -3.20 | -43.4k | -0.526 | 2.83k | -0.204 | -5.15k | -3.20 | 28.9k | -4.08m | 2.83k | -0.204 | -34.8k | -3.20 | -30.6k | -0.946 |
| 28 | 7 | Max | 3.80k | 0.367 | 58.0k | -1.76 | -31.5k | 0.946 | 3. | | | | | | | | | | | |

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|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 31 | 1 | Min | 12.8k | 3.00k | 1.92k | 3.43 | -513 | 417 | 4.13k | 16.1 | 1.28k | 0.207 | 1.58k | -6.76 | -5.03k | 2.19k | -7.91k | 12.0 | -2.43k | -338 |
| 31 | 1 | Max | 13.1k | 3.11k | 1.98k | 3.45 | -468 | 432 | 4.19k | 17.2 | 1.36k | 0.225 | 1.63k | -6.33 | -4.70k | 2.43k | -7.47k | 13.2 | -2.25k | -303 |
| 31 | 4 | Max | 7.45k | 1.81k | 1.79k | 2.01 | -425 | 251 | 2.92k | 13.3 | 938 | 0.184 | 1.16k | -5.23 | -2.97k | 1.43k | -5.27k | 7.80 | -1.54k | -199 |
| 31 | 5 | Max | 6.72k | 1.59k | 1.85k | 1.78 | -422 | 221 | 2.83k | 13.8 | 890 | 0.195 | 1.12k | -5.43 | -2.67k | 1.28k | -4.98k | 6.97 | -1.43k | -177 |
| 31 | 7 | Min | -27.9k | -9.75k | -3.07k | -14.4 | -1.61k | -1.35k | 2.07k | -40.8 | -312 | -0.812 | 823 | -26.5 | -7.44k | -300 | -7.33k | 3.63 | -1.91k | -439 |
| 31 | 7 | Max | 42.8k | 13.4k | 6.64k | 18.4 | 755 | 1.86k | 3.78k | 67.5 | 2.19k | 1.18 | 1.49k | 16.0 | 1.50k | 3.16k | -3.21k | 12.0 | -1.18k | 41.7 |
| 31 | 8 | Min | -119k | -40.8k | -15.6k | -58.4 | -4.62k | -5.66k | -103 | -178 | -3.49k | -3.43 | -18.4 | -80.5 | -19.0k | -4.93k | -12.7k | -7.43 | -2.87k | -1.08k |
| 31 | 8 | Max | 134k | 44.4k | 19.1k | 62.4 | 3.77k | 6.16k | 5.95k | 205 | 5.36k | 3.79 | 2.33k | 70.1 | 13.0k | 7.79k | 2.18k | 23.0 | -223 | 684 |
| 32 | 1 | Min | -2.34k | 9.58k | 40.2k | 429 | -14.5k | 3.91k | -2.34k | 9.58k | 35.3k | 429 | -2.19k | 887 | -2.34k | 9.58k | 27.5k | 429 | 13.7k | -3.93k |
| 32 | 1 | Max | -2.16k | 9.65k | 41.7k | 432 | -13.9k | 3.93k | -2.16k | 9.65k | 36.2k | 432 | -1.99k | 893 | -2.16k | 9.65k | 27.6k | 432 | 13.7k | -3.91k |
| 32 | 4 | Max | -1.49k | 7.37k | 28.7k | 329 | -9.84k | 3.00k | -1.49k | 7.37k | 25.6k | 329 | -1.29k | 681 | -1.49k | 7.37k | 20.7k | 329 | 10.3k | -3.00k |
| 32 | 5 | Max | -1.38k | 7.34k | 27.6k | 328 | -9.41k | 2.99k | -1.38k | 7.34k | 24.9k | 328 | -1.15k | 679 | -1.38k | 7.34k | 20.6k | 328 | 10.2k | -2.99k |
| 32 | 7 | Min | -5.69k | 6.56k | 23.3k | 302 | -11.9k | 2.67k | -5.69k | 6.56k | 20.2k | 302 | -1.95k | 607 | -5.69k | 6.56k | 15.3k | 302 | 7.71k | -3.33k |
| 32 | 7 | Max | 2.70k | 8.18k | 34.1k | 356 | -7.79k | 3.33k | 2.70k | 8.18k | 31.1k | 356 | -622 | 756 | 2.70k | 8.18k | 26.1k | 356 | 12.9k | -2.67k |
| 32 | 8 | Min | -16.5k | 4.46k | 9.55k | 234 | -17.1k | 1.82k | -16.5k | 4.46k | 6.46k | 234 | -3.71k | 413 | -16.5k | 4.46k | 1.55k | 234 | 1.19k | -4.19k |
| 32 | 8 | Max | 13.5k | 10.3k | 47.8k | 425 | -2.61k | 4.19k | 13.5k | 10.3k | 44.8k | 425 | 1.13k | 950 | 13.5k | 10.3k | 39.9k | 425 | 19.4k | -1.82k |
| 33 | 1 | Min | 18.0k | -110 | -4.26k | -34.7 | 10.0k | -66.2 | 18.0k | -110 | -14.0k | -34.7 | 4.67k | 0 | 18.0k | -110 | -23.7k | -34.7 | -6.54k | 36.4 |
| 33 | 1 | Max | 18.6k | -60.7 | -3.61k | -30.4 | 10.2k | -36.4 | 18.6k | -60.7 | -13.6k | -30.4 | 4.90k | 0 | 18.6k | -60.7 | -22.2k | -30.4 | -6.16k | 66.2 |
| 33 | 4 | Max | 12.9k | -30.7 | -3.87k | -22.0 | 7.37k | -18.4 | 12.9k | -30.7 | -9.76k | -22.0 | 3.28k | 0 | 12.9k | -30.7 | -15.2k | -22.0 | -4.29k | 18.4 |
| 33 | 5 | Max | 12.5k | -8.93 | -4.26k | -20.2 | 7.21k | -5.36 | 12.5k | -8.93 | -9.40k | -20.2 | 3.11k | 0 | 12.5k | -8.93 | -14.2k | -20.2 | -4.03k | 5.36 |
| 33 | 7 | Min | 7.40k | -653 | -9.61k | -75.9 | 2.75k | -392 | 7.40k | -653 | -15.5k | -75.9 | 2.06k | 0 | 7.40k | -653 | -21.0k | -75.9 | -6.79k | -355 |
| 33 | 7 | Max | 18.5k | 592 | 1.87k | 31.8 | 12.0k | 355 | 18.5k | 592 | -4.02k | 31.8 | 4.51k | 0 | 18.5k | 592 | -9.49k | 31.8 | -1.78k | 392 |
| 33 | 8 | Min | -7.04k | -2.28k | -24.6k | -216 | -9.38k | -1.37k | -7.04k | -2.28k | -30.5k | -216 | -1.14k | 0 | -7.04k | -2.28k | -36.0k | -216 | -13.2k | -1.33k |
| 33 | 8 | Max | 32.9k | 2.21k | 16.9k | 172 | 24.1k | 1.33k | 32.9k | 2.21k | 11.0k | 172 | 7.71k | 0 | 32.9k | 2.21k | 5.53k | 172 | 4.68k | 1.37k |
| 34 | 1 | Min | -36.4k | -8.07k | -21.6k | -409 | 6.97k | -3.29k | -36.4k | -8.07k | -26.9k | -409 | -4.85k | 728 | -36.4k | -8.07k | -28.9k | -409 | -13.7k | 3.21k |
| 34 | 1 | Max | -34.7k | -7.87k | -20.5k | -409 | 7.40k | -3.21k | -34.7k | -7.87k | -25.3k | -409 | -4.59k | 746 | -34.7k | -7.87k | -27.1k | -409 | -12.9k | 3.29k |
| 34 | 4 | Max | -24.1k | -6.40k | -14.2k | -313 | 4.72k | -2.61k | -24.1k | -6.40k | -17.3k | -313 | -3.19k | 592 | -24.1k | -6.40k | -18.5k | -313 | -8.84k | 2.61k |
| 34 | 5 | Max | -22.8k | -6.53k | -13.3k | -312 | 4.39k | -2.66k | -22.8k | -6.53k | -16.1k | -312 | -3.01k | 604 | -22.8k | -6.53k | -17.2k | -312 | -8.26k | 2.66k |
| 34 | 7 | Min | -37.3k | -7.16k | -25.9k | -359 | 505 | -2.92k | -37.3k | -7.16k | -29.0k | -359 | -4.99k | 522 | -37.3k | -7.16k | -30.2k | -359 | -14.2k | 2.30k |
| 34 | 7 | Max | -10.9k | -5.65k | -2.44k | -267 | 8.93k | -2.30k | -10.9k | -5.65k | -5.55k | -267 | -1.39k | 662 | -10.9k | -5.65k | -6.78k | -267 | -3.42k | 2.92k |
| 34 | 8 | Min | -70.9k | -9.08k | -56.3k | -477 | -10.3k | -3.70k | -70.9k | -9.08k | -59.4k | -477 | -9.76k | 344 | -70.9k | -9.08k | -60.7k | -477 | -28.5k | 1.52k |
| 34 | 8 | Max | 22.7k | -3.72k | 28.0k | -149 | 19.7k | -1.52k | 22.7k | -3.72k | 24.9k | -149 | 3.38k | 840 | 22.7k | -3.72k | 23.7k | -149 | 10.8k | 3.70k |
| 35 | 1 | Min | -49.0k | -1.22k | 11.9k | -10.8 | -1.02k | -4.07k | -42.9k | -1.22k | -770 | -10.8 | 10.6k | -1.53k | -36.8k | -1.22k | -13.5k | -10.8 | -4.24k | 946 |
| 35 | 1 | Max | -47.3k | -1.07k | 11.9k | -9.82 | -993 | -3.52k | -41.2k | -1.07k | -755 | -9.82 | 10.7k | -1.29k | -35.2k | -1.07k | -13.4k | -9.82 | -4.15k | 1.01k |
| 35 | 4 | Max | -37.8k | -1.11k | 9.17k | -7.28 | -787 | -3.46k | -33.2k | -1.11k | -594 | -7.28 | 8.17k | -1.15k | -28.5k | -1.11k | -10.4k | -7.28 | -3.27k | 1.17k |
| 35 | 5 | Max | -38.5k | -1.21k | 9.16k | -6.84 | -798 | -3.75k | -33.8k | -1.21k | -600 | -6.84 | 8.14k | -1.23k | -29.2k | -1.21k | -10.4k | -6.84 | -3.30k | 1.29k |
| 35 | 7 | Min | -54.5k | -6.98k | 9.00k | -13.1 | -1.07k | -14.3k | -49.8k | -6.98k | -758 | -13.1 | 7.56k | -3.38k | -45.2k | -6.98k | -10.5k | -13.1 | -4.21k | -12.7k |
| 35 | 7 | Max | -21.1k | 4.76k | 9.33k | -1.43 | -501 | 7.41k | -16.5k | 4.76k | -430 | -1.43 | 8.77k | 1.09k | -11.8k | 4.76k | -10.2k | -1.43 | -2.33k | 15.0k |
| 35 | 8 | Min | -98.0k | -22.3k | 8.58k | -28.1 | -1.78k | -42.5k | -93.3k | -22.3k | -1.18k | -28.1 | 5.99k | -9.22k | -88.7k | -22.3k | -10.9k | -28.1 | -6.67k | -48.9k |
| 35 | 8 | Max | 22.3k | 20.1k | 9.76k | 13.6 | 210 | 35.6k | 27.0k | 20.1k | -3.03 | 13.6 | 10.3k | 6.93k | 31.6k | 20.1k | -9.76k | 13.6 | 135 | 51.3k |
| 36 | 1 | Min | -2.26k | 220 | -11.7k | 6.03 | -3.87k | 27.6 | -2.26k | 220 | -29.7k | 6.03 | -9.07k | -31.0 | 3.99k | -1.45k | -27.9k | 3.96 | -11.0k | 163 |
| 36 | 1 | Max | -2.00k | 248 | -10.8k | 6.82 | -3.40k | 31.0 | -2.00k | 248 | -26.6k | 6.82 | -8.08k | -27.6 | 4.54k | -1.30k | -24.9k | 4.54 | -9.80k | 181 |
| 36 | 4 | Max | -1.25k | 137 | -7.26k | 3.76 | -2.09k | 17.1 | -1.25k | 137 | -16.9k | 3.76 | -5.12k | -17.1 | 2.47k | -797 | -15.9k | 2.50 | -6.17k | 99.6 |
| 36 | 5 | Max | -1.09k | 118 | -6.64k | 3.24 | -1.77k | 14.7 | -1.09k | 118 | -14.8k | 3.24 | -4.46k | -14.7 | 2.11k | -689 | -14.0k | 2.14 | -5.36k | 86.1 |
| 36 | 7 | Min | -1.83k | 42.6 | -15.4k | 2.25 | -3.53k | 5.33 | -1.83k | 42.6 | -25.0k | 2.25 | -5.79k | -28.8 | -5.24k | -2.37k | -23.1k | -0.982 | -7.55k | -97.4 |
| 36 | 7 | Max | -679 | 231 | 852 | 5.27 | -649 | 28.8 | -679 | 231 | -8.81k | 5.27 | -4.44k | -5.32 | 10.2k | 779 | -8.72k | 5.98 | -4.79k | 297 |
| 36 | 8 | Min | -3.37k | -202 | -36.8k | -1.64 | -7.33k | -25.3 | -3.37k | -202 | -46.4k | -1.64 | -7.54k | -59.5 | -25.9k | -6.57k | -42.1k | -10.3 | -11.3k | -622 |
| 36 | 8 | Max | 860 | 476 | 22.3k | 9.16 | 3.16k | 59.5 | 860 | 476 | 12.6k | 9.16 | -2.69k | 25.3 | 30.9k | 4.98k | 10.3k | 15.3 | -1.08k | 821 |

Sollecitazioni combinazioni Shell pareti piano 2

| Parete | | Zona | | min.Lastra | | | min.Piastra | | | | | max.Lastra | | | max.Piastra | | | | | |
|--------|----|-----------|------|------------|--------------------|--------------------|---------------------|-----------|-----------|--------------|-------------|-------------|--------------------|--------------------|---------------------|-----------|-----------|--------------|-------------|-------------|
| Piano | N° | Fam. Cmb. | Filo | Piano | σ_x [N/mm²] | σ_y [N/mm²] | τ_{xy} [N/mm²] | m_x [N] | m_y [N] | m_{xy} [N] | v_x [N/m] | v_y [N/m] | σ_x [N/mm²] | σ_y [N/mm²] | τ_{xy} [N/mm²] | m_x [N] | m_y [N] | m_{xy} [N] | v_x [N/m] | v_y [N/m] |
| 2 | 1 | 1 | 10 | 2 | -0.130 | -0.837 | -0.201 | -11.3k | -1.48k | -3.08k | -1.58k | 486 | 56.5m | -0.264 | 20.5m | 4.53k | 18.2k | 935 | 120k | 96.9k |
| 2 | 1 | 7 | 10 | 2 | -0.778 | -1.20 | -0.370 | -6.04k | -929 | -1.73k | -861 | 300 | 0.662 | 0.193 | 0.327 | 24.1k | 28.5k | 11.0k | 284k | 182k |
| 2 | 1 | 8 | 10 | 2 | -2.72 | -3.07 | -1.27 | -6.04k | -929 | -1.73k | -861 | 300 | 2.61 | 2.06 | 1.22 | 105k | 77.2k | 42.1k | 870k | 509k |
| 2 | 1 | 1 | 36 | 2 | -53.2m | -1.08 | -85.6m | -1.76k | -6.70k | -1.23k | -2.78k | -4.45k | 93.5m | -0.777 | -15.8m | 7.52k | -1.74k | 2.32k | 73.1k | 4.45k |
| 2 | 1 | 7 | 36 | 2 | -0.103 | -1.18 | -0.264 | -970 | -3.71k | -679 | -1.54k | -2.49k | 76.3m | -0.117 | 0.201 | 7.15k | -489 | 2.05k | 65.3k | 5.97k |
| 2 | 1 | 8 | 36 | 2 | -0.332 | -2.57 | -0.876 | -970 | -3.71k | -679 | -1.54k | -2.49k | 0.307 | 1.28 | 0.810 | 15.0k | 3.02k | 4.03k | 130k | 15.0k |
| 2 | 1 | 1 | 36 | 1 | -0.212 | -1.54 | -36.4m | -175 | 854 | -4.25k | -98.9 | -45.9k | 37.7m | -0.945 | 0.323 | 6.29k | 12.5k | 275 | 39.4k | 66.5 |
| 2 | 1 | 7 | 36 | 1 | -0.640 | -2.18 | -0.381 | -134 | 581 | -2.61k | -58.4 | -28.3k | 0.432 | 0.371 | 0.698 | 16.8k | 20.1k | 1.87k | 124k | 31.1k |
| 2 | 1 | 8 | 36 | 1 | -2.00 | -5.43 | -1.72 | -134 | 581 | -2.61k | -58.4 | -28.3k | 1.75 | 3.59 | 2.01 | 50.6k | 52.0k | 13.4k | 385k | 150k |
| 2 | 1 | 1 | 10 | 1 | -0.374 | -1.06 | -45.4m | -15.3k | -20.9k | -4.46k | -490 | -9.06k | 19.0m | -0.687 | 0.133 | 10.7k | 5.59k | 3.34k | 106k | 154k |
| 2 | 1 | 7 | 10 | 1 | -0.736 | -1.84 | -0.259 | -8.71k | -11.8k | -2.61k | 76.8 | -5.84k | 0.326 | 0.531 | 0.383 | 9.52k | 12.2k | 5.34k | 156k | 190k |
| 2 | 1 | 8 | 10 | 1 | -2.05 | -4.83 | -0.963 | -8.71k | -11.8k | -2.61k | 76.8 | -5.84k | 1.68 | 3.47 | 1.14 | 51.1k | 58.1k | 16.1k | 408k | 466k |
| 2 | 1 | 1 | - | - | -0.175 | -1.29 | -0.168 | -1.48k | -3.03k | -1.14k | -1.45k | -2.44k | 0.126 | -0.204 | 0.128 | 814 | 1.70k | 469 | 6.80k | 1.26k |
| 2 | 1 | 7 | - | - | -0.501 | -1.80 | -0.437 | -940 | -1.66k | -619 | -797 | -1.36k | 0.560 | 0.607 | 0.392 | 1.45k | 3.24k | 628 | 14.1k | 3.34k |
| 2 | 1 | 8 | - | - | -1.87 | -5.02 | -1.32 | -940 | -1.66k | -619 | -797 | -1.36k | 1.93 | 3.83 | 1.29 | 5.03k | 9.25k | 1.94k | 41.9k | 9.82k |
| 2 | 2 | 1 | 5 | 2 | -70.3m | -0.660 | -20.1m | -3.62k | -6.01k | -2.77k | -57.6k | -13.4k | 78.5m | -0.469 | 0.119 | 6.80k | 322 | 549 | 580 | 228 |
| 2 | 2 | 7 | 5 | 2 | -0.318 | -0.674 | -0.224 | -2.08k | -3.33k | -1.66k | -33.6k | -7.20k | 0.334 | -0.113 | 0.348 | 29.4k | 16.8k | 13.4k | 181k | 102k |
| 2 | 2 | 8 | 5 | 2 | -1.12 | -1.34 | -0.911 | -2.08k | -3.33k | -1.66k | -33.6k | -7.20k | 1.12 | 0.498 | 1.04 | 98.0k | 64.0k | 53.8k | 725k | 388k |
| 2 | 2 | 1 | 12 | 2 | -73.6m | -0.644 | -0.147 | -7.26k | -15.0k | -3.90k | -3.91k | -11.6k | -10.2m | -0.412 | 9.80m | 21.8k | -299 | 5.30k | 178k | 1.06k |
| 2 | 2 | 7 | 12 | 2 | -0.108 | -0.610 | -0.189 | -4.28k | -8.82k | -2.30k | -2.31k | -6.84k | 44.0m | -76.9m | 0.159 | 15.6k | 764 | 4.52k | 127k | 9.10k |
| 2 | 2 | 8 | 12 | 2 | -0.279 | -1.16 | -0.607 | -4.28k | -8.82k | -2.30k | -2.31k | -6.84k | 0.223 | 0.479 | 0.570 | 22.3k | 10.8k | 8.10k | 181k | 47.5k |
| 2 | 2 | 1 | 12 | 1 | -0.111 | -0.643 | -63.0m | -14.0k | -6.38k | -15.3k | -2.03k | -94.8k | 0.212 | -0.430 | 32.0m | 32.2k | 19.9k | 2.62k | 231k | 1.94k |
| 2 | 2 | 7 | 12 | 1 | -0.251 | -0.855 | -0.205 | -8.61k | -3.98k | -9.34k | -1.25k | -57.6k | 0.489 | 0.140 | 0.158 | 31.4k | 16.4k | 4.02k | 238k | 4.69k |
| 2 | 2 | 8 | 12 | 1 | -1.12 | -2.07 | -0.661 | -8.61k | -3.98k | -9.34k | -1.25k | -57.6k | 1.39 | 1.34 | 0.609 | 61.7k | 34.0k | 10.6k | 488k | 37.3k |
| 2 | 2 | 1 | 5 | 1 | -0.141 | -0.802 | -71.5m | -2.20k | -3.05k | -1.00k | -36.9k | -857 | 0.191 | -0.602 | 67.0m | 4.52k | 430 | 749 | 486 | 9.11k |
| 2 | 2 | 7 | 5 | 1 | -0.300 | -1.06 | -0.242 | -1.20k | -1.78k | -664 | -20.7k | -653 | 0.444 | 14.1m | 0.277 | 46.1k | 34.0k | 12.7k | 383k | 86.8k |
| 2 | 2 | 8 | 5 | 1 | -1.20 | -2.46 | -0.891 | -1.20k | -1.78k | -664 | -20.7k | -653 | 1.32 | 1.42 | 0.918 | 163k | 130k | 45.9k | 1.47m | 311k |
| 2 | 2 | 1 | - | - | -95.1m | -1.10 | -0.146 | -795 | -1.67k | -437 | -1.00k | -2.86k | 65.0m | -0.219 | 0.159 | 126 | 339 | 702 | 733 | 1.05k |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|--------|-------|-------|--------|
| 2 | 2 | 7 | - | - | -0.267 | -1.04 | -0.332 | -534 | -970 | -261 | -593 | -1.68k | 0.215 | 24.1m | 0.434 | 718 | 1.70k | 683 | 3.34k | 1.42k |
| 2 | 2 | 8 | - | - | -0.858 | -2.25 | -1.21 | -534 | -970 | -261 | -593 | -1.68k | 0.809 | 1.17 | 1.34 | 2.76k | 5.94k | 2.42k | 11.4k | 6.34k |
| 2 | 3 | 1 | 5 | 2 | 2.71m | -0.674 | -0.105 | -7.10k | -11.8k | -2.05k | -2.87k | -60.8k | 0.102 | -0.601 | -61.1m | 833 | 670 | 820 | 40.5k | 2.40k |
| 2 | 3 | 7 | 5 | 2 | -0.199 | -0.674 | -0.220 | -4.25k | -8.05k | -1.30k | -2.24k | -42.2k | 0.309 | -0.160 | 0.119 | 6.77k | 5.57k | 2.93k | 82.4k | 30.0k |
| 2 | 3 | 8 | 5 | 2 | -0.884 | -1.35 | -0.629 | -4.25k | -8.05k | -1.30k | -2.24k | -42.2k | 0.994 | 0.519 | 0.542 | 26.4k | 35.2k | 13.4k | 237k | 211k |
| 2 | 3 | 1 | 6 | 2 | -78.8m | -1.03 | -89.2m | -2.65k | -6.26k | -3.26k | -13.0k | -10.9k | 0.591 | -0.689 | 0.146 | 15.6k | -1.78k | 1.67k | 117k | 7.53k |
| 2 | 3 | 7 | 6 | 2 | -0.114 | -1.12 | -0.161 | -1.59k | -3.71k | -1.93k | -7.68k | -6.43k | 0.358 | -21.2m | 0.129 | 12.4k | -290 | 1.43k | 92.0k | 9.08k |
| 2 | 3 | 8 | 6 | 2 | -0.279 | -2.57 | -0.470 | -1.59k | -3.71k | -1.93k | -7.68k | -6.43k | 0.394 | 1.43 | 0.386 | 20.9k | 1.88k | 2.89k | 153k | 20.9k |
| 2 | 3 | 1 | 6 | 1 | 4.22m | -0.887 | -0.261 | -7.40k | -1.76k | -118 | -51.8k | -2.40k | 0.431 | -0.484 | -11.1m | 1.15k | 1.27k | 1.99k | 6.69k | 8.84k |
| 2 | 3 | 7 | 6 | 1 | -4.68m | -1.37 | -0.256 | -4.58k | -1.10k | -75.4 | -32.0k | -1.43k | 0.368 | 0.627 | 90.2m | 989 | 1.11k | 2.22k | 7.59k | 9.64k |
| 2 | 3 | 8 | 6 | 1 | -0.118 | -3.83 | -0.508 | -4.58k | -1.10k | -75.4 | -32.0k | -1.43k | 0.644 | 3.17 | 0.353 | 1.93k | 3.27k | 5.31k | 20.7k | 19.9k |
| 2 | 3 | 1 | 5 | 1 | -35.5m | -0.846 | -0.101 | -1.71k | -812 | -248 | -515 | -3.69k | 16.7m | -0.680 | -42.5m | 972 | 1.24k | 554 | 12.3k | 4.35k |
| 2 | 3 | 7 | 5 | 1 | -0.425 | -1.23 | -0.243 | -1.08k | -493 | -135 | -346 | -2.28k | 0.373 | 93.9m | 0.180 | 16.4k | 11.7k | 5.95k | 102k | 26.6k |
| 2 | 3 | 8 | 5 | 1 | -1.50 | -3.00 | -0.792 | -1.08k | -493 | -135 | -346 | -2.28k | 1.45 | 1.86 | 0.729 | 62.9k | 41.5k | 21.6k | 352k | 99.5k |
| 2 | 3 | 1 | - | - | -22.8m | -0.861 | -96.8m | -1.14k | -3.22k | -2.86k | -9.20k | -3.24k | 97.6m | -0.630 | -17.3m | 1.13k | 1.79k | 933 | 26.8k | 237 |
| 2 | 3 | 7 | - | - | -92.5m | -1.23 | -0.217 | -718 | -1.96k | -1.68k | -5.73k | -1.93k | 88.7m | 0.200 | 0.136 | 1.51k | 2.21k | 2.57k | 23.7k | 1.32k |
| 2 | 3 | 8 | - | - | -0.307 | -3.13 | -0.663 | -718 | -1.96k | -1.68k | -5.73k | -1.93k | 0.316 | 2.10 | 0.579 | 4.49k | 6.54k | 7.63k | 50.7k | 7.42k |
| 2 | 4 | 1 | 31 | 2 | -71.1m | -0.871 | -0.178 | -16.2k | -26.6k | -11.4k | -46.5k | -65.6k | 0.103 | -0.540 | -40.4m | 65.0k | -894 | 8.50k | 489k | 35.8k |
| 2 | 4 | 7 | 31 | 2 | -0.135 | -0.941 | -0.232 | -9.74k | -16.0k | -6.83k | -27.9k | -39.5k | 0.230 | -28.6m | 0.178 | 43.0k | 6.18k | 9.37k | 319k | 63.7k |
| 2 | 4 | 8 | 31 | 2 | -0.581 | -2.14 | -0.764 | -9.74k | -16.0k | -6.83k | -27.9k | -39.5k | 0.669 | 1.17 | 0.710 | 53.7k | 29.9k | 20.8k | 387k | 178k |
| 2 | 4 | 1 | 30 | 2 | -0.200 | -0.703 | 37.6m | -2.15k | -685 | -915 | -10.7k | -4.30k | -22.7m | -0.568 | 0.121 | 1.45k | 859 | 431 | 4.96k | 2.46k |
| 2 | 4 | 7 | 30 | 2 | -0.427 | -0.715 | -0.223 | -1.48k | -277 | -529 | -6.31k | -283 | 0.182 | -0.192 | 0.296 | 17.5k | 16.9k | 5.80k | 144k | 66.8k |
| 2 | 4 | 8 | 30 | 2 | -1.21 | -1.39 | -0.876 | -1.48k | -277 | -529 | -6.31k | -283 | 0.964 | 0.484 | 0.936 | 61.9k | 60.4k | 22.4k | 549k | 240k |
| 2 | 4 | 1 | 30 | 1 | -0.243 | -0.869 | -83.9m | -323 | -1.14k | -616 | -4.15k | -262 | 19.1m | -0.696 | 68.8m | 2.08k | 635 | 386 | -320 | 5.09k |
| 2 | 4 | 7 | 30 | 1 | -0.541 | -1.20 | -0.321 | -220 | -811 | -367 | -2.63k | -105 | 0.224 | 34.3m | 0.272 | 11.5k | 5.31k | 4.07k | 85.0k | 24.5k |
| 2 | 4 | 8 | 30 | 1 | -1.53 | -2.78 | -1.01 | -220 | -811 | -367 | -2.63k | -105 | 1.21 | 1.62 | 0.931 | 41.5k | 21.7k | 15.0k | 319k | 81.3k |
| 2 | 4 | 1 | 31 | 1 | -88.1m | -0.820 | -0.161 | -7.85k | 835 | -12.6k | -64.3k | -91.9k | 0.143 | -0.464 | 25.1m | 60.4k | 31.0k | 3.01k | 398k | 12.2k |
| 2 | 4 | 7 | 31 | 1 | -0.103 | -1.20 | -0.213 | -4.93k | 478 | -7.90k | -40.3k | -57.2k | 0.160 | 0.366 | 0.246 | 40.4k | 26.0k | 4.63k | 265k | 9.82k |
| 2 | 4 | 8 | 31 | 1 | -0.313 | -2.98 | -0.795 | -4.93k | 478 | -7.90k | -40.3k | -57.2k | 0.367 | 2.26 | 0.833 | 46.7k | 43.8k | 12.0k | 304k | 54.5k |
| 2 | 4 | 1 | - | - | -0.105 | -0.804 | -74.1m | -2.44k | -3.97k | -2.46k | -2.27k | -11.1k | 8.83m | -0.558 | 95.0m | 1.26k | 3.49k | 2.12k | 8.88k | 3.68k |
| 2 | 4 | 7 | - | - | -98.7m | -1.01 | -0.251 | -1.45k | -2.36k | -1.57k | -1.44k | -6.70k | 9.06m | 0.114 | 0.289 | 1.22k | 3.24k | 1.83k | 6.79k | 3.13k |
| 2 | 4 | 8 | - | - | -0.181 | -2.48 | -0.938 | -1.45k | -2.36k | -1.57k | -1.44k | -6.70k | 72.5m | 1.58 | 0.973 | 2.42k | 6.08k | 3.24k | 12.4k | 5.54k |
| 2 | 5 | 1 | 10 | 2 | -0.173 | -0.846 | 42.3m | -636 | -4.36k | -829 | -12.7k | -14.8k | 16.2m | -0.603 | 0.140 | 3.06k | 1.73k | 819 | 725 | 407 |
| 2 | 5 | 7 | 10 | 2 | -0.680 | -1.09 | -0.220 | -459 | -2.62k | -445 | -7.33k | -8.67k | 0.591 | 89.7m | 0.311 | 23.4k | 20.2k | 5.11k | 188k | 121k |
| 2 | 5 | 8 | 10 | 2 | -2.40 | -2.65 | -0.914 | -459 | -2.62k | -445 | -7.33k | -8.67k | 2.31 | 1.66 | 1.00 | 86.7k | 79.8k | 18.4k | 700k | 471k |
| 2 | 5 | 1 | 11 | 2 | -0.170 | -1.10 | -78.2m | -12.9k | -647 | -2.75k | -113k | 927 | -22.6m | -0.685 | 25.8m | 5.49k | 15.6k | 2.63k | 6.07k | 68.2k |
| 2 | 5 | 7 | 11 | 2 | -0.198 | -1.25 | -0.262 | -7.97k | -466 | -1.75k | -70.2k | 569 | 50.5m | 0.101 | 0.279 | 5.42k | 25.9k | 3.39k | 9.26k | 140k |
| 2 | 5 | 8 | 11 | 2 | -0.429 | -3.07 | -0.957 | -7.97k | -466 | -1.75k | -70.2k | 569 | 0.258 | 1.92 | 0.979 | 10.9k | 68.1k | 8.00k | 93.5k | 390k |
| 2 | 5 | 1 | 11 | 1 | -92.3m | -0.894 | 38.2m | -18.2k | -34.0k | -4.02k | -99.9k | -1.38k | 33.8m | -0.717 | 90.6m | 698 | 1.38k | 3.04k | 18.1k | 184k |
| 2 | 5 | 7 | 11 | 1 | -0.229 | -1.81 | -0.241 | -11.9k | -21.5k | -2.52k | -65.5k | -1.03k | 0.140 | 0.834 | 0.310 | 1.42k | 3.44k | 4.42k | 20.4k | 175k |
| 2 | 5 | 8 | 11 | 1 | -0.726 | -5.38 | -0.931 | -11.9k | -21.5k | -2.52k | -65.5k | -1.03k | 0.638 | 4.40 | 0.989 | 23.3k | 20.5k | 10.6k | 145k | 331k |
| 2 | 5 | 1 | 10 | 1 | -73.1m | -0.879 | -24.9m | -3.12k | -12.2k | -938 | -22.7k | -1.77k | 0.161 | -0.629 | 70.6m | 5.36k | 3.52k | 2.30k | 10.7k | 80.2k |
| 2 | 5 | 7 | 10 | 1 | -0.655 | -1.56 | -0.320 | -2.14k | -7.48k | -523 | -13.3k | -1.17k | 0.627 | 0.638 | 0.314 | 21.0k | 13.5k | 5.62k | 176k | 167k |
| 2 | 5 | 8 | 10 | 1 | -2.38 | -4.54 | -1.16 | -2.14k | -7.48k | -523 | -13.3k | -1.17k | 2.35 | 3.61 | 1.15 | 82.9k | 69.7k | 17.0k | 627k | 484k |
| 2 | 5 | 1 | - | - | -96.6m | -0.875 | -3.86m | -1.39k | -2.44k | -543 | -3.89k | -1.34k | 2.80m | -0.642 | 0.104 | 1.30k | 2.76k | 1.20k | 777 | 2.55k |
| 2 | 5 | 7 | - | - | -0.101 | -1.38 | -0.265 | -900 | -1.41k | -344 | -2.38k | -893 | 33.3m | 0.329 | 0.313 | 1.83k | 3.14k | 1.64k | 4.27k | 6.44k |
| 2 | 5 | 8 | - | - | -0.273 | -3.67 | -1.01 | -900 | -1.41k | -344 | -2.38k | -893 | 0.199 | 2.62 | 1.06 | 4.41k | 8.91k | 4.01k | 18.0k | 21.9k |
| 2 | 6 | 1 | 36 | 2 | -58.1m | -1.09 | -0.106 | -11.3k | -7.12k | -1.68k | -13.8k | -11.1k | 0.192 | -0.913 | -62.7m | -285 | -1.74k | 996 | 81.6k | -2.11k |
| 2 | 6 | 7 | 36 | 2 | -59.7m | -1.18 | -0.241 | -6.26k | -3.94k | -925 | -7.59k | -6.14k | 0.144 | -0.117 | 0.149 | -120 | -716 | 747 | 69.5k | -228 |
| 2 | 6 | 8 | 36 | 2 | -0.142 | -2.57 | -0.760 | -6.26k | -3.94k | -925 | -7.59k | -6.14k | 0.266 | 1.28 | 0.668 | 1.56k | 131 | 1.25k | 134k | 3.53k |
| 2 | 6 | 1 | 15 | 2 | -91.6m | -1.30 | -91.6m | -1.70k | -6.20k | -1.64k | -10.1k | -9.44k | 0.381 | -1.02 | 51.0m | 10.6k | -1.89k | 963 | 95.1k | 2.36k |
| 2 | 6 | 7 | 15 | 2 | -0.121 | -1.31 | -0.167 | -934 | -3.45k | -898 | -5.56k | -5.31k | 0.228 | -98.5m | 79.8m | 8.99k | 403 | 1.11k | 76.2k | 10.4k |
| 2 | 6 | 8 | 15 | 2 | -0.291 | -2.90 | -0.486 | -934 | -3.45k | -898 | -5.56k | -5.31k | 0.297 | 1.50 | 0.390 | 17.1k | 6.62k | 2.63k | 138k | 34.3k |
| 2 | 6 | 1 | 15 | 1 | 4.18m | -1.11 | -0.135 | -959 | 919 | -1.38k | -9.56k | -12.6k | 0.283 | -0.906 | -34.0m | 7.32k | 5.32k | 802 | 53.9k | 2.46k |
| 2 | 6 | 7 | 15 | 1 | -23.3m | -1.84 | -0.183 | -562 | 629 | -800 | -5.60k | -6.93k | 0.177 | 0.612 | 0.121 | 9.55k | 6.20k | 1.42k | 78.8k | 9.46k |
| 2 | 6 | 8 | 15 | 1 | -0.167 | -5.09 | -0.554 | -562 | 629 | -800 | -5.60k | -6.93k | 0.255 | 3.86 | 0.497 | 23.1k | 16.9k | 3.95k | 200k | 37.2k |
| 2 | 6 | 1 | 36 | 1 | -5.44m | -1.50 | -91.7m | -1.84k | 854 | -1.07k | -10.8k | -41.4k | 0.299 | -1.04 | 0.126 | 1.80k | 10.9k | 2.59k | 25.6k | -2.08k |
| 2 | 6 | 7 | 36 | 1 | -0.244 | -2.07 | -0.258 | -1.02k | 581 | -652 | -6.56k | -25.5k | 0.570 | 0.277 | 0.414 | 7.13k | 18.5k | 3.61k | 75.5k | 22.8k |
| 2 | 6 | 8 | 36 | 1 | -1.31 | -5.10 | -1.14 | -1.02k | 581 | -652 | -6.56k | -25.5k | 1.64 | 3.27 | 1.30 | 28.0k | 49.0k | 9.16k | 231k | 142k |
| 2 | 6 | 1 | - | - | -64.2m | -1.18 | -0.108 | -2.05k | -6.63k | -823 | -11.9k | -9.26k | 0.293 | -0.936 | -32.8m | 424 | 3.96k | 1.20k | 88.3k | 12.4k |
| 2 | 6 | 7 | - | - | -64.8m | -1.77 | -0.260 | -1.12k | -3.67k | -485 | -6.57k | -5.13k | 0.379 | 0.324 | 0.203 | 1.37k | 6.61k | 2.19k | 76.5k | 20.8k |
| 2 | 6 | 8 | - | - | -0.641 | -4.52 | -0.861 | -1.12k | -3.67k | -485 | -6.57k | -5.13k | 0.963 | 3.08 | 0.808 | 5.39k | 22.0k | 7.30k | 213k | 55.8k |
| 2 | 7 | 1 | 4 | 2 | -43.8m | -0.764 | 7.92m | -9.54k | -1.78k | -4.31k | -5.87k | -1.85k | 23.7m | -0.485 | 0.111 | 8.05k | 9.47k | 4.13k | 244k | 16.2k |
| 2 | 7 | 7 | 4 | 2 | -0.472 | -1.03 | -50.4m | -5.72k | -1.12k | -2.59k | -3.55k | -1.10k | 0.428 | 97.6m | 0.105 | 6.00k | 10.5k | 3.63k | 184k | 31.9k |
| 2 | 7 | 8 | 4 | 2 | -1.66 | -2.45 | -0.205 | -5.72k | -1.12k | -2.59k | -3.55k | -1.10k | 1.62 | 1.54 | 0.265</ | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|-------|--------|-------|-------|-------|
| 2 | 9 | 8 | 27 | 2 | -0.514 | -2.33 | -0.367 | -37.9k | -1.63k | -6.56k | -16.5k | -43.9k | 0.723 | 1.37 | 0.483 | 22.3k | 36.7k | 21.6k | 396k | 149k |
| 2 | 9 | 1 | 27 | 1 | 11.5m | -0.813 | 60.0m | -57.9k | -26.1k | -11.6k | -54.7k | 4.79k | 0.497 | -0.221 | 0.351 | 9.00k | -3.20k | 5.73k | 367k | 70.5k |
| 2 | 9 | 7 | 27 | 1 | -11.1m | -1.25 | -98.9m | -36.6k | -16.6k | -7.34k | -34.5k | 3.24k | 0.345 | 0.628 | 0.295 | 6.57k | -1.34k | 5.77k | 243k | 69.4k |
| 2 | 9 | 8 | 27 | 1 | -0.206 | -3.32 | -0.473 | -36.6k | -16.6k | -7.34k | -34.5k | 3.24k | 0.565 | 2.89 | 0.590 | 8.82k | 3.44k | 11.5k | 271k | 134k |
| 2 | 9 | 1 | 30 | 1 | -15.7m | -0.823 | 51.0m | -300 | -1.91k | -2.10k | -4.34k | -5.93k | 41.7m | -0.696 | 82.2m | 3.55k | 199 | 411 | 28.3k | 6.97k |
| 2 | 9 | 7 | 30 | 1 | -81.1m | -1.11 | -0.145 | -182 | -1.27k | -1.26k | -2.77k | -3.58k | 53.3m | -1.12m | 0.236 | 5.47k | 7.99k | 1.11k | 34.5k | 60.1k |
| 2 | 9 | 8 | 30 | 1 | -0.255 | -2.52 | -0.647 | -182 | -1.27k | -1.26k | -2.77k | -3.58k | 0.228 | 1.42 | 0.741 | 14.5k | 29.4k | 5.07k | 86.0k | 226k |
| 2 | 9 | 1 | - | - | -39.6m | -0.778 | 21.6m | -560 | -7.09k | -9.17k | -15.6k | -18.9k | 0.111 | -0.581 | 0.109 | 8.84k | 8.69k | 1.96k | 76.2k | 9.67k |
| 2 | 9 | 7 | - | - | -57.0m | -1.09 | -0.142 | -394 | -4.47k | -5.79k | -9.91k | -12.0k | 96.5m | 0.204 | 0.240 | 5.82k | 5.94k | 1.67k | 49.9k | 7.71k |
| 2 | 9 | 8 | - | - | -0.209 | -2.74 | -0.631 | -394 | -4.47k | -5.79k | -9.91k | -12.0k | 0.235 | 1.90 | 0.734 | 6.26k | 7.20k | 2.81k | 54.3k | 12.4k |

Piano 6. Involuppo Sollecitazioni Pilastri

| | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|----------|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam Cmb. | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 23 | 1 Min | -122k | 11.7k | -16.3k | -29.9 | 9.46k | 13.3k | -124k | 11.7k | -16.3k | -29.9 | 3.01k | 8.61k | -128k | 11.7k | -16.3k | -29.9 | -11.7k | -2.02k |
| 23 | 1 Max | -116k | 12.4k | -16.1k | -29.0 | 9.54k | 14.1k | -118k | 12.4k | -16.1k | -29.0 | 3.02k | 9.13k | -122k | 12.4k | -16.1k | -29.0 | -11.5k | -1.89k |
| 23 | 4 Max | -82.5k | 8.21k | -12.1k | -21.6 | 7.16k | 9.32k | -83.9k | 8.21k | -12.1k | -21.6 | 2.31k | 6.03k | -86.9k | 8.21k | -12.1k | -21.6 | -8.59k | -1.35k |
| 23 | 5 Max | -78.4k | 7.74k | -12.0k | -21.1 | 7.10k | 8.79k | -79.8k | 7.74k | -12.0k | -21.1 | 2.32k | 5.69k | -82.8k | 7.74k | -12.0k | -21.1 | -8.45k | -1.28k |
| 23 | 7 Min | -92.0k | 5.48k | -14.4k | -31.9 | 5.54k | 6.70k | -93.3k | 5.48k | -14.4k | -31.9 | 1.58k | 4.49k | -96.3k | 5.48k | -14.4k | -31.9 | -10.1k | -2.53k |
| 23 | 7 Max | -73.1k | 10.9k | -9.83k | -11.2 | 8.78k | 11.9k | -74.5k | 10.9k | -9.83k | -11.2 | 3.04k | 7.57k | -77.5k | 10.9k | -9.83k | -11.2 | -7.13k | -1.75 |
| 23 | 8 Min | -115k | -1.53k | -20.2k | -58.4 | 1.47k | 45.7 | -116k | -1.53k | -20.2k | -58.4 | -213 | 594 | -119k | -1.53k | -20.2k | -58.4 | -13.7k | -5.55k |
| 23 | 8 Max | -50.2k | 18.0k | -4.07k | 15.3 | 12.8k | 18.6k | -51.6k | 18.0k | -4.07k | 15.3 | 4.84k | 11.5k | -54.6k | 18.0k | -4.07k | 15.3 | -3.48k | 2.85k |
| 24 | 1 Min | -200k | 16.6k | -13.3k | -47.7 | 10.2k | -517 | -203k | 16.6k | -13.3k | -47.7 | 5.06k | -7.47k | -208k | 16.6k | -13.3k | -47.7 | -6.80k | -23.1k |
| 24 | 1 Max | -192k | 17.4k | -12.7k | -46.3 | 10.5k | -300 | -194k | 17.4k | -12.7k | -46.3 | 5.20k | -6.94k | -199k | 17.4k | -12.7k | -46.3 | -6.40k | -21.9k |
| 24 | 4 Max | -130k | 11.7k | -10.6k | -34.4 | 8.23k | -117 | -132k | 11.7k | -10.6k | -34.4 | 3.98k | -4.81k | -136k | 11.7k | -10.6k | -34.4 | -5.58k | -15.4k |
| 24 | 5 Max | -122k | 11.2k | -10.9k | -33.6 | 8.41k | -8.80 | -124k | 11.2k | -10.9k | -33.6 | 4.03k | -4.48k | -128k | 11.2k | -10.9k | -33.6 | -5.82k | -14.5k |
| 24 | 7 Min | -150k | 9.15k | -13.0k | -50.9 | 6.58k | -2.42k | -151k | 9.15k | -13.0k | -50.9 | 3.04k | -6.13k | -155k | 9.15k | -13.0k | -50.9 | -7.46k | -16.7k |
| 24 | 7 Max | -111k | 14.3k | -8.23k | -17.9 | 9.88k | 2.18k | -112k | 14.3k | -8.23k | -17.9 | 4.93k | -3.49k | -116k | 14.3k | -8.23k | -17.9 | -3.71k | -14.1k |
| 24 | 8 Min | -200k | 2.57k | -19.1k | -93.1 | 2.35k | -8.26k | -202k | 2.57k | -19.1k | -93.1 | 713 | -9.43k | -205k | 2.57k | -19.1k | -93.1 | -12.1k | -19.7k |
| 24 | 8 Max | -60.3k | 20.9k | -2.14k | 24.3 | 14.1k | 8.02k | -62.0k | 20.9k | -2.14k | 24.3 | 7.25k | -194 | -65.9k | 20.9k | -2.14k | 24.3 | 894 | -11.0k |
| 28 | 1 Min | -59.2k | 620 | -5.74k | -12.4 | 3.50k | 2.43k | -60.4k | 620 | -5.74k | -12.4 | 1.24k | 2.18k | -63.1k | 620 | -5.74k | -12.4 | -3.92k | 1.62k |
| 28 | 1 Max | -55.2k | 957 | -5.65k | -12.0 | 3.54k | 2.88k | -56.3k | 957 | -5.65k | -12.0 | 1.25k | 2.50k | -59.0k | 957 | -5.65k | -12.0 | -3.84k | 1.64k |
| 28 | 4 Max | -37.9k | 139 | -4.25k | -8.95 | 2.65k | 1.39k | -38.8k | 139 | -4.25k | -8.95 | 948 | 1.33k | -40.8k | 139 | -4.25k | -8.95 | -2.88k | 1.20k |
| 28 | 5 Max | -35.2k | -77.0 | -4.19k | -8.74 | 2.62k | 1.09k | -36.1k | -77.0 | -4.19k | -8.74 | 945 | 1.12k | -38.1k | -77.0 | -4.19k | -8.74 | -2.83k | 1.19k |
| 28 | 7 Min | -41.0k | -2.27k | -5.10k | -13.2 | 2.00k | -887 | -41.9k | -2.27k | -5.10k | -13.2 | 633 | 5.07 | -43.9k | -2.27k | -5.10k | -13.2 | -3.37k | 201 |
| 28 | 7 Max | -34.8k | 2.55k | -3.40k | -4.67 | 3.30k | 3.66k | -35.7k | 2.55k | -3.40k | -4.67 | 1.26k | 2.65k | -37.8k | 2.55k | -3.40k | -4.67 | -2.38k | 2.21k |
| 28 | 8 Min | -48.6k | -8.47k | -7.25k | -24.2 | 351 | -6.71k | -49.5k | -8.47k | -7.25k | -24.2 | -157 | -3.37k | -51.5k | -8.47k | -7.25k | -24.2 | -4.59k | -2.27k |
| 28 | 8 Max | -27.2k | 8.74k | -1.25k | 6.33 | 4.94k | 9.48k | -28.1k | 8.74k | -1.25k | 6.33 | 2.05k | 6.03k | -30.1k | 8.74k | -1.25k | 6.33 | -1.16k | 4.68k |
| 29 | 1 Min | -60.2k | -6.59k | -2.11k | -12.4 | 1.41k | -6.61k | -61.4k | -6.59k | -2.11k | -12.4 | 573 | -3.97k | -64.0k | -6.59k | -2.11k | -12.4 | -1.31k | 1.91k |
| 29 | 1 Max | -56.2k | -6.18k | -2.08k | -12.0 | 1.44k | -6.12k | -57.3k | -6.18k | -2.08k | -12.0 | 593 | -3.65k | -60.0k | -6.18k | -2.08k | -12.0 | -1.30k | 1.96k |
| 29 | 4 Max | -38.6k | -4.24k | -1.64k | -8.95 | 1.12k | -4.12k | -39.5k | -4.24k | -1.64k | -8.95 | 464 | -2.43k | -41.6k | -4.24k | -1.64k | -8.95 | -1.02k | 1.39k |
| 29 | 5 Max | -35.9k | -3.96k | -1.66k | -8.74 | 1.14k | -3.79k | -36.8k | -3.96k | -1.66k | -8.74 | 474 | -2.21k | -38.9k | -3.96k | -1.66k | -8.74 | -1.02k | 1.36k |
| 29 | 7 Min | -43.3k | -6.66k | -2.10k | -13.2 | 761 | -6.40k | -44.2k | -6.66k | -2.10k | -13.2 | 281 | -3.75k | -46.2k | -6.66k | -2.10k | -13.2 | -1.29k | 390 |
| 29 | 7 Max | -34.0k | -1.83k | -1.18k | -4.67 | 1.48k | -1.85k | -34.9k | -1.83k | -1.18k | -4.67 | 647 | -1.10k | -36.9k | -1.83k | -1.18k | -4.67 | -739 | 2.40k |
| 29 | 8 Min | -54.9k | -12.9k | -3.29k | -24.2 | -160 | -12.2k | -55.8k | -12.9k | -3.29k | -24.2 | -181 | -7.13k | -57.9k | -12.9k | -3.29k | -24.2 | -2.00k | -2.08k |
| 29 | 8 Max | -22.3k | 4.38k | 3.19 | 6.33 | 2.40k | 3.98k | -23.2k | 4.38k | 3.19 | 6.33 | 1.11k | 2.28k | -25.3k | 4.38k | 3.19 | 6.33 | -26.5 | 4.87k |

Piano 6. Involuppo Sollecitazioni Travi

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|-----|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | 444 | 0.183 | 14.5k | 1.31 | -6.29k | 0.259 | 444 | 0.183 | 236 | 1.31 | 4.70k | 0 | 444 | 0.183 | -15.6k | 1.31 | -5.62k | -0.264 |
| 1 | 1 | Max | 493 | 0.187 | 16.0k | 1.34 | -5.75k | 0.264 | 493 | 0.187 | 278 | 1.34 | 5.23k | 0 | 493 | 0.187 | -13.9k | 1.34 | -4.97k | -0.259 |
| 1 | 4 | Max | 286 | 0.135 | 9.35k | 0.973 | -3.72k | 0.192 | 286 | 0.135 | 197 | 0.973 | 3.03k | 0 | 286 | 0.135 | -8.95k | 0.973 | -3.17k | -0.192 |
| 1 | 5 | Max | 253 | 0.133 | 8.30k | 0.954 | -3.34k | 0.188 | 253 | 0.133 | 209 | 0.954 | 2.68k | 0 | 253 | 0.133 | -7.89k | 0.954 | -2.75k | -0.188 |
| 1 | 7 | Min | 277 | 29.0m | 7.81k | 0.259 | -5.91k | 41.1m | 277 | 29.0m | -1.35k | 0.259 | 3.02k | 0 | 277 | 29.0m | -10.5k | 0.259 | -5.35k | -0.342 |
| 1 | 7 | Max | 295 | 0.242 | 10.9k | 1.69 | -1.54k | 0.342 | 295 | 0.242 | 1.74k | 1.69 | 3.04k | 0 | 295 | 0.242 | -7.41k | 1.69 | -985 | -41.1m |
| 1 | 8 | Min | 253 | -0.255 | 3.82k | -1.64 | -11.5k | -0.361 | 253 | -0.255 | -5.33k | -1.64 | 3.00k | 0 | 253 | -0.255 | -14.5k | -1.64 | -11.0k | -0.744 |
| 1 | 8 | Max | 319 | 0.526 | 14.9k | 3.58 | 4.10k | 0.744 | 319 | 0.526 | 5.72k | 3.58 | 3.05k | 0 | 319 | 0.526 | -3.43k | 3.58 | 4.65k | 0.361 |
| 2 | 1 | Min | -28.5k | -10.3k | 15.9k | -383 | -2.39k | -4.18k | -28.5k | -10.3k | 12.5k | -383 | 2.43k | -950 | -28.5k | -10.3k | 7.14k | -383 | 7.34k | 4.13k |
| 2 | 1 | Max | -26.6k | -10.1k | 17.7k | -378 | -2.03k | -4.13k | -26.6k | -10.1k | 14.0k | -378 | 2.62k | -939 | -26.6k | -10.1k | 8.11k | -378 | 8.15k | 4.18k |
| 2 | 4 | Max | -19.6k | -7.78k | 11.1k | -290 | -1.67k | -3.17k | -19.6k | -7.78k | 8.86k | -290 | 1.47k | -720 | -19.6k | -7.78k | 5.39k | -290 | 5.03k | 3.17k |
| 2 | 5 | Max | -18.7k | -7.73k | 10.1k | -288 | -1.57k | -3.15k | -18.7k | -7.73k | 8.11k | -288 | 1.29k | -715 | -18.7k | -7.73k | 5.00k | -288 | 4.57k | 3.15k |
| 2 | 7 | Min | -27.4k | -8.66k | -1.09k | -343 | -8.20k | -3.53k | -27.4k | -8.66k | -3.29k | -343 | -1.27k | -801 | -27.4k | -8.66k | -6.77k | -343 | 1.58k | 2.82k |
| 2 | 7 | Max | -11.8k | -6.91k | 23.2k | -237 | 4.86k | -2.82k | -11.8k | -6.91k | 21.0k | -237 | 4.20k | -639 | -11.8k | -6.91k | 17.5k | -237 | 8.48k | 3.53k |
| 2 | 8 | Min | -47.3k | -10.9k | -32.8k | -482 | -25.2k | -4.44k | -47.3k | -10.9k | -35.0k | -482 | -8.33k | -1.01k | -47.3k | -10.9k | -38.5k | -482 | -7.49k | 1.90k |
| 2 | 8 | Max | 8.07k | -4.66k | 54.9k | -99.2 | 21.8k | -1.90k | 8.07k | -4.66k | 52.8k | -99.2 | 11.3k | -432 | 8.07k | -4.66k | 49.3k | -99.2 | 17.5k | 4.44k |
| 3 | 1 | Min | 26.8k | -218 | 10.9k | -17.0 | 1.22k | -131 | 26.8k | -218 | 4.04k | -17.0 | 5.82k | 0 | 26.8k | -218 | -3.05k | -17.0 | 6.51k | 92.5 |
| 3 | 1 | Max | 28.5k | -154 | 11.1k | -12.0 | 1.66k | -92.5 | 28.5k | -154 | 4.46k | -12.0 | 6.21k | 0 | 28.5k | -154 | -1.95k | -12.0 | 6.57k | 131 |
| 3 | 4 | Max | 19.3k | -175 | 8.32k | -13.6 | 401 | -105 | 19.3k | -175 | 4.15k | -13.6 | 4.14k | 0 | 19.3k | -175 | -25.8 | -13.6 | 5.38k | 105 |
| 3 | 5 | Max | 18.3k | -199 | 8.22k | -15.6 | 99.7 | -120 | 18.3k | -199 | 4.49k | -15.6 | 3.91k | 0 | 18.3k | -199 | 764 | -15.6 | 5.49k | 120 |
| 3 | 7 | Min | 13.8k | -814 | 2.66k | -63.6 | -2.43k | -488 | 13.8k | -814 | -1.52k | -63.6 | 3.08k | 0 | 13.8k | -814 | -5.69k | -63.6 | 1.20k | -279 |
| 3 | 7 | Max | 24.8k | 465 | 14.0k | 36.3 | 3.23k | 279 | 24.8k | 465 | 9.81k | 36.3 | 5.20k | 0 | 24.8k | 465 | 5.64k | 36.3 | 9.56k | 488 |
| 3 | 8 | Min | -328 | -2.47k | -12.0k | -193 | -9.74k | -1.48k | -328 | -2.47k | -16.2k | -193 | 354 | 0 | -328 | -2.47k | -20.4k | -193 | -9.67k | -1.27k |
| 3 | 8 | Max | 38.9k | 2.12k | 28.7k | 166 | 10.5k | 1.27k | 38.9k | 2.12k | 24.5k | 166 | 7.93k | 0 | 38.9k | 2.12k | 20.3k | 166 | 20.4k | 1.48k |
| 4 | 1 | Min | -23.1k | 10.7k | -36.6k | 419 | 16.8k | 4.36k | -23.1k | 10.7k | -42.5k | 419 | -2.09k | -996 | -23.1k | 10.7k | -46.2k | 419 | -16.1k | -4.39k |
| 4 | 1 | Max | -21.8k | 10.8k | -34.8k | 421 | 17.7k | 4.39k | -21.8k | 10.8k | -40.1k | 421 | -1.94k | -990 | -21.8k | 10.8k | -43.5k | 421 | -15.1k | -4.36k |
| 4 | 4 | Max | -15.0k | 8.28k | -25.0k | 324 | 12.0k | 3.38k | -15.0k | 8.28k | -28.5k | 324 | -1.38k | -766 | -15.0k | 8.28k | -30.7k | 324 | -10.7k | -3.38k |
| 4 | 5 | Max | -14.1k | 8.31k | -23.9k | 324 | 11.4k | 3.39k | -14.1k | 8.31k | -27.0k | 324 | -1.29k | -768 | -14.1k | 8.31k | -29.0k | 324 | -10.1k | -3.39k |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 4 | 7 | Min | -23.3k | 7.35k | -30.2k | 302 | 9.88k | 3.00k | -23.3k | 7.35k | -33.7k | 302 | -2.54k | -853 | -23.3k | 7.35k | -35.9k | 302 | -13.0k | -3.76k |
| 4 | 7 | Max | -6.75k | 9.22k | -19.8k | 346 | 14.1k | 3.76k | -6.75k | 9.22k | -23.3k | 346 | -214 | -680 | -6.75k | 9.22k | -25.5k | 346 | -8.35k | -3.00k |
| 4 | 8 | Min | -45.2k | 4.94k | -43.3k | 245 | 4.58k | 2.01k | -45.2k | 4.94k | -46.8k | 245 | -5.51k | -1.08k | -45.2k | 4.94k | -49.0k | 245 | -19.0k | -4.74k |
| 4 | 8 | Max | 15.1k | 11.6k | -6.70k | 403 | 19.4k | 4.74k | 15.1k | 11.6k | -10.2k | 403 | 2.76k | -457 | 15.1k | 11.6k | -12.4k | 403 | -2.38k | -2.01k |
| 5 | 1 | Min | -1.25k | 459 | 2.61k | -3.17 | -1.05k | 310 | -1.25k | 459 | 843 | -3.17 | 224 | -13.8 | -1.25k | 459 | -919 | -3.17 | 225 | -310 |
| 5 | 1 | Max | -1.21k | 460 | 2.80k | -3.16 | -993 | 310 | -1.21k | 460 | 860 | -3.16 | 244 | -13.8 | -1.21k | 460 | -775 | -3.16 | 246 | -310 |
| 5 | 4 | Max | -904 | 350 | 1.82k | -2.42 | -723 | 236 | -904 | 350 | 659 | -2.42 | 151 | -10.5 | -904 | 350 | -404 | -2.42 | 234 | -236 |
| 5 | 5 | Max | -883 | 350 | 1.70k | -2.42 | -692 | 236 | -883 | 350 | 656 | -2.42 | 138 | -10.5 | -883 | 350 | -299 | -2.42 | 254 | -236 |
| 5 | 7 | Min | -1.49k | 205 | 1.29k | -3.42 | -1.07k | 138 | -1.49k | 205 | 132 | -3.42 | 132 | -14.9 | -1.49k | 205 | -930 | -3.42 | -125 | -334 |
| 5 | 7 | Max | -315 | 496 | 2.35k | -1.41 | -370 | 334 | -315 | 496 | 1.19k | -1.41 | 170 | -6.15 | -315 | 496 | 123 | -1.41 | 592 | -138 |
| 5 | 8 | Min | -3.00k | -178 | -46.1 | -6.07 | -1.97k | -120 | -3.00k | -178 | -1.21k | -6.07 | 83.2 | -26.4 | -3.00k | -178 | -2.27k | -6.07 | -1.04k | -593 |
| 5 | 8 | Max | 1.19k | 878 | 3.69k | 1.24 | 525 | 593 | 1.19k | 878 | 2.53k | 1.24 | 219 | 5.33 | 1.19k | 878 | 1.46k | 1.24 | 1.51k | 120 |
| 6 | 1 | Min | 2.73k | -870 | 959 | 4.45 | 112 | -607 | 2.73k | -870 | -801 | 4.45 | 195 | -6.53 | 2.73k | -870 | -2.74k | 4.45 | -1.03k | 581 |
| 6 | 1 | Max | 2.75k | -833 | 1.10k | 4.59 | 131 | -581 | 2.75k | -833 | -772 | 4.59 | 215 | -6.25 | 2.75k | -833 | -2.54k | 4.59 | -972 | 607 |
| 6 | 4 | Max | 2.01k | -611 | 607 | 3.32 | 100 | -426 | 2.01k | -611 | -529 | 3.32 | 127 | -4.58 | 2.01k | -611 | -1.69k | 3.32 | -655 | 426 |
| 6 | 5 | Max | 1.99k | -590 | 519 | 3.25 | 108 | -411 | 1.99k | -590 | -503 | 3.25 | 114 | -4.42 | 1.99k | -590 | -1.55k | 3.25 | -609 | 411 |
| 6 | 7 | Min | 310 | -773 | 79.9 | 2.50 | -269 | -539 | 310 | -773 | -1.06k | 2.50 | 121 | -5.79 | 310 | -773 | -2.22k | 2.50 | -1.02k | 313 |
| 6 | 7 | Max | 3.71k | -449 | 1.13k | 4.15 | 470 | -313 | 3.71k | -449 | -1.93 | 4.15 | 133 | -3.37 | 3.71k | -449 | -1.16k | 4.15 | -289 | 539 |
| 6 | 8 | Min | -4.17k | -1.18k | -1.31k | 0.429 | -1.24k | -825 | -4.17k | -1.18k | -2.45k | 0.429 | 105 | -8.87 | -4.17k | -1.18k | -3.61k | 0.429 | -1.99k | 27.1 |
| 6 | 8 | Max | 8.19k | -38.8 | 2.52k | 6.22 | 1.44k | -27.1 | 8.19k | -38.8 | 1.39k | 6.22 | 149 | -0.291 | 8.19k | -38.8 | 226 | 6.22 | 675 | 825 |
| 7 | 1 | Min | -52.7k | -7.84k | 12.0k | 3.93 | -1.56k | -11.7k | -46.6k | -7.84k | -690 | 3.93 | 10.2k | 4.60k | -40.6k | -7.84k | -13.4k | 3.93 | -4.45k | 19.6k |
| 7 | 1 | Max | -51.1k | -7.17k | 12.0k | 4.22 | -1.54k | -10.4k | -45.0k | -7.17k | -672 | 4.22 | 10.3k | 4.67k | -39.0k | -7.17k | -13.4k | 4.22 | -4.35k | 21.1k |
| 7 | 4 | Max | -38.6k | -4.43k | 9.25k | 2.97 | -1.17k | -6.03k | -33.9k | -4.43k | -512 | 2.97 | 7.95k | 3.23k | -29.3k | -4.43k | -10.3k | 2.97 | -3.31k | 12.5k |
| 7 | 5 | Max | -37.8k | -3.91k | 9.26k | 2.85 | -1.16k | -5.03k | -33.2k | -3.91k | -504 | 2.85 | 7.98k | 3.12k | -28.5k | -3.91k | -10.3k | 2.85 | -3.27k | 11.3k |
| 7 | 7 | Min | -52.4k | -10.6k | 9.04k | -4.27 | -1.31k | -16.6k | -47.8k | -10.6k | -722 | -4.27 | 7.39k | 96.3 | -43.1k | -10.6k | -10.5k | -4.27 | -4.31k | -2.96k |
| 7 | 7 | Max | -24.7k | -1.77k | 9.46k | 10.2 | -1.03k | 4.57k | -20.1k | -1.77k | -301 | 10.2 | 8.52k | 6.37k | -15.4k | -1.77k | -10.1k | 10.2 | -2.31k | 28.0k |
| 7 | 8 | Min | -88.4k | -26.8k | 8.49k | -23.3 | -1.65k | -44.3k | -83.7k | -26.8k | -1.27k | -23.3 | 5.93k | -7.94k | -79.1k | -26.8k | -11.0k | -23.3 | -6.91k | -43.4k |
| 7 | 8 | Max | 11.2k | 18.0k | 10.0k | 29.2 | -695 | 32.3k | 15.9k | 18.0k | 245 | 29.2 | 9.97k | 14.4k | 20.5k | 18.0k | -9.52k | 29.2 | 287 | 68.4k |

Piano 3. Inviluppo Sollecitazioni Pilastri

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|-----|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | -191k | 4.76k | 6.96k | 1.52 | -10.3k | 6.83k | -195k | 4.76k | 6.96k | 1.52 | -2.51k | 1.93k | -203k | 4.76k | 6.96k | 1.52 | 10.7k | -8.02k |
| 1 | 1 | Max | -190k | 5.76k | 7.59k | 1.59 | -8.99k | 8.28k | -195k | 5.76k | 7.59k | 1.59 | -1.82k | 2.35k | -203k | 5.76k | 7.59k | 1.59 | 11.2k | -6.64k |
| 1 | 4 | Max | -119k | 3.22k | 6.19k | 0.746 | -8.78k | 4.65k | -123k | 3.22k | 6.19k | 0.746 | -2.41k | 1.33k | -129k | 3.22k | 6.19k | 0.746 | 8.74k | -4.48k |
| 1 | 5 | Max | -112k | 2.74k | 6.16k | 0.597 | -8.74k | 3.95k | -116k | 2.74k | 6.16k | 0.597 | -2.39k | 1.13k | -122k | 2.74k | 6.16k | 0.597 | 8.69k | -3.79k |
| 1 | 7 | Min | -130k | 668 | 4.86k | -7.94 | -10.6k | 1.15k | -134k | 668 | 4.86k | -7.94 | -2.87k | 458 | -140k | 668 | 4.86k | -7.94 | 6.80k | -8.21k |
| 1 | 7 | Max | -108k | 5.78k | 7.52k | 9.43 | -6.96k | 8.15k | -112k | 5.78k | 7.52k | 9.43 | -1.94k | 2.20k | -118k | 5.78k | 7.52k | 9.43 | 10.7k | -741 |
| 1 | 8 | Min | -160k | -6.18k | 1.30k | -30.8 | -15.5k | -8.23k | -163k | -6.18k | 1.30k | -30.8 | -4.10k | -1.87k | -169k | -6.18k | 1.30k | -30.8 | 1.61k | -18.2k |
| 1 | 8 | Max | -78.7k | 12.6k | 11.1k | 32.3 | -2.07k | 17.5k | -82.2k | 12.6k | 11.1k | 32.3 | -718 | 4.52k | -88.2k | 12.6k | 11.1k | 32.3 | 15.9k | 9.27k |
| 2 | 1 | Min | -187k | -1.03k | -2.74k | 0.963 | 3.28k | -1.47k | -190k | -1.03k | -2.74k | 0.963 | 683 | -413 | -197k | -1.03k | -2.74k | 0.963 | -4.21k | 1.17k |
| 2 | 1 | Max | -174k | -821 | -2.52k | 1.00 | 3.54k | -1.15k | -177k | -821 | -2.52k | 1.00 | 723 | -307 | -184k | -821 | -2.52k | 1.00 | -3.85k | 1.44k |
| 2 | 4 | Max | -116k | -508 | -1.58k | 0.471 | 2.02k | -710 | -119k | -508 | -1.58k | 0.471 | 394 | -188 | -124k | -508 | -1.58k | 0.471 | -2.45k | 726 |
| 2 | 5 | Max | -107k | -511 | -1.41k | 0.377 | 1.79k | -720 | -110k | -511 | -1.41k | 0.377 | 346 | -194 | -115k | -511 | -1.41k | 0.377 | -2.19k | 727 |
| 2 | 7 | Min | -118k | -3.65k | -1.65k | -5.01 | 1.94k | -5.14k | -121k | -3.65k | -1.65k | -5.01 | 320 | -1.39k | -126k | -3.65k | -1.65k | -5.01 | -2.63k | -3.73k |
| 2 | 7 | Max | -115k | 2.63k | -1.51k | 5.95 | 2.10k | 3.72k | -117k | 2.63k | -1.51k | 5.95 | 468 | 1.01k | -122k | 2.63k | -1.51k | 5.95 | -2.28k | 5.18k |
| 2 | 8 | Min | -122k | -12.1k | -1.83k | -19.4 | 1.77k | -17.1k | -125k | -12.1k | -1.83k | -19.4 | 159 | -4.61k | -130k | -12.1k | -1.83k | -19.4 | -3.06k | -15.7k |
| 2 | 8 | Max | -111k | 11.1k | -1.33k | 20.4 | 2.28k | 15.6k | -113k | 11.1k | -1.33k | 20.4 | 628 | 4.23k | -118k | 11.1k | -1.33k | 20.4 | -1.84k | 17.1k |
| 3 | 1 | Min | -163k | -3.14k | -2.53k | 0.963 | 2.98k | -4.60k | -167k | -3.14k | -2.53k | 0.963 | 633 | -1.37k | -173k | -3.14k | -2.53k | 0.963 | -3.85k | 3.97k |
| 3 | 1 | Max | -151k | -2.90k | -2.28k | 1.00 | 3.32k | -4.24k | -155k | -2.90k | -2.28k | 1.00 | 710 | -1.25k | -161k | -2.90k | -2.28k | 1.00 | -3.47k | 4.29k |
| 3 | 4 | Max | -102k | -1.87k | -1.47k | 0.471 | 1.91k | -2.74k | -105k | -1.87k | -1.47k | 0.471 | 404 | -816 | -110k | -1.87k | -1.47k | 0.471 | -2.23k | 2.55k |
| 3 | 5 | Max | -93.8k | -1.68k | -1.30k | 0.377 | 1.69k | -2.46k | -96.6k | -1.68k | -1.30k | 0.377 | 354 | -733 | -102k | -1.68k | -1.30k | 0.377 | -1.98k | 2.29k |
| 3 | 7 | Min | -112k | -6.08k | -1.62k | -5.01 | 1.74k | -8.73k | -115k | -6.08k | -1.62k | -5.01 | 314 | -2.46k | -120k | -6.08k | -1.62k | -5.01 | -2.53k | -3.39k |
| 3 | 7 | Max | -92.2k | 2.34k | -1.31k | 5.95 | 2.08k | 3.25k | -95.0k | 2.34k | -1.31k | 5.95 | 493 | 832 | -99.9k | 2.34k | -1.31k | 5.95 | -1.93k | 8.48k |
| 3 | 8 | Min | -138k | -17.4k | -2.02k | -19.4 | 1.31k | -24.8k | -141k | -17.4k | -2.02k | -19.4 | 115 | -6.89k | -146k | -17.4k | -2.02k | -19.4 | -3.30k | -19.4k |
| 3 | 8 | Max | -66.0k | 13.7k | -906 | 20.4 | 2.52k | 19.3k | -68.8k | 13.7k | -906 | 20.4 | 692 | 5.26k | -73.7k | 13.7k | -906 | 20.4 | -1.16k | 24.4k |
| 4 | 1 | Min | -58.0k | -1.56k | -3.38k | 53.9 | 1.62k | -4.49k | -48.8k | -1.71k | -157 | 17.6 | -88.9 | -71.6 | -39.5k | -2.25k | -5.88k | -145 | -2.40k | 4.37k |
| 4 | 1 | Max | -56.8k | -1.43k | -3.30k | 60.2 | 1.63k | -4.09k | -48.7k | -1.55k | -147 | 19.2 | -87.5 | -66.3 | -37.2k | -2.08k | -5.48k | -131 | -2.25k | 4.80k |
| 4 | 4 | Max | -37.8k | -942 | -2.00k | 36.2 | 991 | -2.63k | -33.5k | -986 | -95.3 | 11.3 | -55.9 | -27.9 | -28.9k | -1.34k | -3.66k | -86.6 | -1.49k | 2.80k |
| 4 | 5 | Max | -35.9k | -850 | -1.87k | 32.5 | 920 | -2.34k | -32.6k | -872 | -86.7 | 10.1 | -52.5 | -23.1 | -29.5k | -1.21k | -3.36k | -77.8 | -1.37k | 2.49k |
| 4 | 7 | Min | -53.8k | -2.62k | -9.34k | 13.8 | -1.38k | -4.81k | -53.3k | -1.62k | -167 | -5.20 | -314 | -277 | -86.4k | -3.43k | -5.37k | -128 | -2.97k | -40.8 |
| 4 | 7 | Max | -21.8k | 737 | 5.34k | 58.7 | 3.36k | -446 | -13.7k | -350 | -23.8 | 27.7 | 202 | 222 | 28.5k | 746 | -1.95k | -44.8 | -4.06 | 5.64k |
| 4 | 8 | Min | -93.7k | -7.12k | -29.0k | -45.8 | -7.72k | -10.7k | -105k | -3.32k | -357 | -49.2 | -986 | -790 | -239k | -9.02k | -9.91k | -241 | -6.95k | -7.67k |
| 4 | 8 | Max | 18.0k | 5.24k | 25.0k | 118 | 9.70k | 5.42k | 37.6k | 1.35k | 166 | 71.7 | 874 | 734 | 181k | 6.34k | 2.59k | 67.7 | 3.97k | 13.3k |
| 5 | 1 | Min | -31.7k | 2.17k | -1.96k | -23.4 | 993 | 1.39k | -44.7k | -39.6 | 38.5 | 8.97 | 9.11 | -14.5 | -61.7k | -603 | -1.75k | -5.74 | -1.03k | -24.1 |
| 5 | 1 | Max | -31.2k | 2.65k | -1.82k | -21.6 | 1.06k | 1.64k | -44.5k | -30.0 | 39.9 | 9.71 | 10.4 | -1.36 | -61.4k | -590 | -1.68k | -5.67 | -959 | 28.5 |
| 5 | 4 | Max | -20.7k | 1.53k | -1.33k | -14.0 | 714 | 945 | -29.7k | -22.1 | 27.6 | 5.54 | -1.44 | -11.0 | -41.4k | -359 | -1.05k | -2.89 | -645 | 1.42 |
| 5 | 5 | Max | -20.0k | 1.27k | -1.26k | -12.5 | 680 | 794 | -28.5k | -18.5 | 26.2 | 4.75 | -3.85 | -5.90 | -39.7k | -328 | -937 | -2.12 | -583 | 20.9 |
| 5 | 7 | Min | -25.4k | -2.37k | -6.54k | -79.2 | -1.80k | -858 | -39.2k | -99.1 | -55.6 | -2.76 | -61.4 | -80.9 | -60.0k | -6.34k | -1.29k | -50.2 | -1.65k | -2.93k |
| 5 | 7 | Max | -16.0k | 5.43k | 3.88k | 51.1 | 3.22k | 2.75k | -20.3k | 54.9 | 111 | 13.8 | 58.5 | 59.0 | -22.8k | 5.62k | -813 | 44.5 | 358 | 2.94k |
| 5 | 8 | Min | -36.2k | -12.6k | -19.9k | -252 | -8.22k | -5.57k | -63.1k | -305 | -267 | -24.9 | -212 | -256 | -108k | -22.4k | -1.92k | -176 | -4.21k | -10.8k |
| 5 | 8 | Max | -5.25k | 15.6k | 17.3k | 224 | 9.65k | 7.46k | 3.59k | 261 | 322 | 36.0 | 209 | 234 | 25.2k | 21.6k | -182 | 170 | 2.92k | 10.8k |
| 6 | 1 | Min | -78.8k | 7.36k | -997 | 20.4 | 2.40k | 4.94k | -62.4k | 72.1 | -1.30k | 16.9 | -204 | 90.1 | -22.2k | 37.2k | -906 | -107 | -3.83k | -13.5k |
| 6 | 1 | Max | -78.2k | 7.86k | -899 | 22.8 | 2.74k | 5.31k | -61.5k | 79.3 | -1.16k | 18.2 | -185 | 92.1 | -17.9k | 40.0k | -816 | -99.3 | -3.51k | -12.6k |
| 6 | 4 | Max | -47.7k | 4.87k | -592 | 13.7 | 1.67k | 3.20k | -38.7k | 43.9 | -784 | 10.5 | -98.3 | 47.9 | -14.5k | 23.7k | -547 | -63.3 | -2.27k | -8.02k |
| 6 | 5 | Max | -44.4k | 4.43k | -515 | 12.2 | 1.46k | 2.89k | -36.9k | 38.8 | -684 | 8.98 | -79.4 | 43.2 | -16.4k | 20.6k | -480 | -54.9 | -1.97k | -7.01k |
| 6 | 7 | Min | -56.4k | -3.66k | -822 | 4.18 | 1.12k | -80.5 | -55.5k | 32.8 | -968 | 1.40 | -297 | -58.4 | -48.3k | 17.4k | -989 | -77.4 | -2.47k | -10.6k |
| 6 | 7 | Max | -39.0k | 13.4k | -362 | 23.2 | 2.21k | 6.48k | -21.9k | 55.0 | -601 | 19.6 | 99.9 | 154 | 19.4k | 30.0k | -104 | -49.3 | -2.08k | -5.45k |
| 6 | 8 | Min | -76.8k | -26.4k | -1.39k | -20.7 | -274 | -8.83k | -98.5k | 4.62 | -1.43k | -22.1 | -765 | -335 | -137k | 611 | -2.11k | -115 | -2.94k | -17.5k |
| 6 | 8 | Max | -18.6k | 36.2k | 202 | 48.1 | 3.61k | 15.2k | 21.0k | 83.1 | -140 | 43.1 | 568 | 431 | 108k | 46.8k | 1.02k | -11.8 | -1.61k | 1.43k |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| 7 | 1 | Min | -450k | -1.09k | 8.14k | 1.63 | -11.8k | -159 | -453k | -1.09k | 8.14k | 1.63 | -3.50k | 763 | -461k | -1.09k | 8.14k | 1.63 | 11.7k | 2.26k |
| 7 | 1 | Max | -444k | -769 | 9.77k | 1.70 | -9.83k | 228 | -448k | -769 | 9.77k | 1.70 | -2.92k | 881 | -456k | -769 | 9.77k | 1.70 | 14.1k | 2.72k |
| 7 | 4 | Max | -258k | -340 | 4.93k | 0.796 | -5.90k | 307 | -261k | -340 | 4.93k | 0.796 | -1.71k | 597 | -267k | -340 | 4.93k | 0.796 | 7.17k | 1.21k |
| 7 | 5 | Max | -235k | 70.0 | 4.02k | 0.637 | -4.78k | 682 | -238k | 70.0 | 4.02k | 0.637 | -1.36k | 622 | -244k | 70.0 | 4.02k | 0.637 | 5.88k | 496 |
| 7 | 7 | Min | -263k | -4.39k | 3.36k | -8.48 | -7.94k | -4.99k | -266k | -4.39k | 3.36k | -8.48 | -2.41k | -1.26k | -272k | -4.39k | 3.36k | -8.48 | 5.03k | -4.22k |
| 7 | 7 | Max | -253k | -3.71k | 6.50k | 10.1 | -3.86k | 5.60k | -255k | -3.71k | 6.50k | 10.1 | -1.01k | 2.45k | -261k | -3.71k | 6.50k | 10.1 | 9.30k | 6.64k |
| 7 | 8 | Min | -275k | -15.2k | -805 | -32.9 | -13.3k | -19.2k | -278k | -15.2k | -805 | -32.9 | -4.26k | -6.23k | -284k | -15.2k | -805 | -32.9 | -606 | -18.7k |
| 7 | 8 | Max | -240k | 14.5k | 10.7k | 34.5 | 1.53k | 19.8k | -243k | 14.5k | 10.7k | 34.5 | 845 | 7.42k | -249k | 14.5k | 10.7k | 34.5 | 14.9k | 21.2k |
| 8 | 1 | Min | -381k | -8.93k | -5.54k | 1.52 | 3.54k | -12.9k | -386k | -8.93k | -5.54k | 1.52 | -1.18k | -3.71k | -394k | -8.93k | -5.54k | 1.52 | -10.6k | 11.6k |
| 8 | 1 | Max | -374k | -8.38k | -4.58k | 1.59 | 5.03k | -12.1k | -378k | -8.38k | -4.58k | 1.59 | -677 | -3.48k | -386k | -8.38k | -4.58k | 1.59 | -9.42k | 12.4k |
| 8 | 4 | Max | -216k | -5.28k | -3.68k | 0.746 | 3.77k | -7.63k | -220k | -5.28k | -3.68k | 0.746 | -28.8 | -2.19k | -226k | -5.28k | -3.68k | 0.746 | -6.66k | 7.30k |
| 8 | 5 | Max | -195k | -4.77k | -3.36k | 0.597 | 3.45k | -6.89k | -199k | -4.77k | -3.36k | 0.597 | -6.61 | -1.97k | -205k | -4.77k | -3.36k | 0.597 | -6.05k | 6.62k |
| 8 | 7 | Min | -224k | -8.76k | -3.81k | -7.94 | 3.59k | -12.5k | -227k | -8.76k | -3.81k | -7.94 | -133 | -3.52k | -233k | -8.76k | -3.81k | -7.94 | -6.90k | 2.35k |
| 8 | 7 | Max | -209k | -7.19k | -3.56k | 9.43 | 3.94k | -2.71k | -212k | -7.19k | -3.56k | 9.43 | 75.6 | -866 | -218k | -1.79k | -3.56k | 9.43 | -6.42k | 12.3k |
| 8 | 8 | Min | -240k | -18.1k | -4.13k | -30.8 | 3.12k | -25.7k | -244k | -18.1k | -4.13k | -30.8 | -381 | -7.08k | -250k | -18.1k | -4.13k | -30.8 | -7.45k | -10.9k |
| 8 | 8 | Max | -192k | 7.56k | -3.24k | 32.3 | 4.41k | 10.5k | -196k | 7.56k | -3.24k | 32.3 | 324 | 2.69k | -202k | 7.56k | -3.24k | 32.3 | -5.87k | 25.5k |
| 9 | 1 | Min | -271k | -7.24k | -7.19k | 1.52 | 8.28k | -10.4k | -276k | -7.24k | -7.19k | 1.52 | 1.52k | -2.97k | -284k | -7.24k | -7.19k | 1.52 | -10.8k | 9.96k |
| 9 | 1 | Max | -266k | -7.18k | -6.57k | 1.59 | 9.59k | -10.3k | -271k | -7.18k | -6.57k | 1.59 | 2.19k | -2.95k | -279k | -7.18k | -6.57k | 1.59 | -10.3k | 10.1k |
| 9 | 4 | Max | -157k | -4.41k | -6.25k | 0.746 | 8.78k | -6.34k | -161k | -4.41k | -6.25k | 0.746 | 2.34k | -1.80k | -167k | -4.41k | -6.25k | 0.746 | -8.91k | 6.15k |
| 9 | 5 | Max | -143k | -4.10k | -6.31k | 0.597 | 8.88k | -5.90k | -147k | -4.10k | -6.31k | 0.597 | 2.38k | -1.67k | -153k | -4.10k | -6.31k | 0.597 | -8.98k | 5.72k |
| 9 | 7 | Min | -163k | -8.44k | -8.03k | -7.94 | 6.32k | -12.0k | -166k | -8.44k | -8.03k | -7.94 | 1.71k | -3.31k | -172k | -8.44k | -8.03k | -7.94 | -11.5k | 419 |
| 9 | 7 | Max | -152k | -390 | -4.47k | 9.43 | 11.2k | -686 | -155k | -390 | -4.47k | 9.43 | 2.98k | -284 | -161k | -390 | -4.47k | 9.43 | -6.33k | 11.9k |
| 9 | 8 | Min | -176k | -19.2k | -12.8k | -30.8 | -317 | -27.2k | -179k | -19.2k | -12.8k | -30.8 | 8.39 | -7.36k | -185k | -19.2k | -12.8k | -30.8 | -18.4k | -15.0k |
| 9 | 8 | Max | -139k | 10.4k | 323 | 32.3 | 17.9k | 14.5k | -142k | 10.4k | 323 | 32.3 | 4.68k | 3.77k | -148k | 10.4k | 323 | 32.3 | 602 | 27.3k |
| 10 | 1 | Min | -56.2k | -7.60k | 2.07k | 20.7 | -1.10k | -4.87k | -48.4k | 54.2 | -185 | -0.836 | -124 | 70.8 | -47.8k | -9.14k | 2.22k | -26.3 | 1.20k | 4.81k |
| 10 | 1 | Max | -51.7k | -6.85k | 2.47k | 21.2 | -927 | -4.45k | -44.8k | 63.9 | -169 | -0.811 | -114 | 73.4 | -45.0k | -8.41k | 2.38k | -23.9 | 1.31k | 5.21k |
| 10 | 4 | Max | -34.8k | -4.46k | 1.01k | 12.4 | -459 | -2.83k | -31.1k | 38.9 | -104 | -0.669 | -75.7 | 46.3 | -33.0k | -4.99k | 1.48k | -14.9 | 769 | 2.90k |
| 10 | 5 | Max | -31.8k | -3.97k | 696 | 11.3 | -324 | -2.51k | -28.9k | 34.4 | -90.6 | -0.673 | -69.1 | 44.5 | -31.5k | -4.33k | 1.36k | -13.1 | 690 | 2.54k |
| 10 | 7 | Min | -43.2k | -11.1k | -5.49k | -30.2 | -2.72k | -5.02k | -48.0k | -108 | -418 | -9.12 | -228 | -28.6 | -83.7k | -12.6k | -4.72k | -40.0 | -1.93k | -683 |
| 10 | 7 | Max | -26.4k | 2.19k | 7.50k | 55.1 | 1.80k | -635 | -14.2k | 186 | 211 | 7.78 | 76.9 | 121 | 17.7k | 2.60k | 7.67k | 10.3 | 3.47k | 6.49k |
| 10 | 8 | Min | -62.8k | -28.6k | -22.6k | -139 | -8.51k | -10.6k | -92.6k | -495 | -1.26k | -31.0 | -635 | -226 | -220k | -33.0k | -21.4k | -104 | -9.16k | -10.3k |
| 10 | 8 | Max | -6.79k | 19.7k | 24.7k | 164 | 7.59k | 4.93k | 30.4k | 573 | 1.06k | 29.6 | 484 | 318 | 154k | 23.0k | 24.3k | 74.3 | 10.7k | 16.1k |
| 11 | 1 | Min | -73.9k | 1.01k | 2.55k | -10.4 | -3.78k | 1.29k | -64.1k | -11.4 | 145 | 3.74 | 3.59 | 7.97 | -52.5k | 3.59k | 14.2k | 0.363 | 7.30k | -2.32k |
| 11 | 1 | Max | -71.4k | 1.02k | 2.62k | -9.05 | -3.54k | 1.34k | -62.5k | -8.70 | 156 | 4.33 | 11.4 | 12.5 | -52.5k | 3.87k | 15.5k | 1.51 | 7.95k | -2.16k |
| 11 | 4 | Max | -45.5k | 763 | 1.73k | -6.53 | -2.35k | 906 | -40.4k | -9.73 | 95.9 | 2.06 | 14.3 | 2.92 | -34.4k | 2.42k | 9.28k | 1.71 | 4.80k | -1.47k |
| 11 | 5 | Max | -42.2k | 777 | 1.65k | -5.90 | -2.16k | 875 | -37.8k | -11.3 | 87.9 | 1.61 | 18.7 | 2.81 | -32.9k | 2.23k | 8.38k | 2.27 | 4.35k | -1.36k |
| 11 | 7 | Min | -56.3k | -4.99k | -3.45k | -37.4 | -5.03k | -2.06k | -62.2k | -96.5 | 42.2 | -3.46 | -205 | -112 | -83.4k | 113 | 6.33k | -19.1 | 2.38k | -2.96k |
| 11 | 7 | Max | -34.7k | 6.51k | 6.90k | 24.3 | 336 | 3.87k | -18.6k | 77.0 | 150 | 7.57 | 234 | 118 | 14.6k | 4.73k | 12.2k | 22.5 | 7.21k | 13.4 |
| 11 | 8 | Min | -82.6k | -20.0k | -17.2k | -118 | -12.2k | -9.80k | -119k | -319 | -98.6 | -17.9 | -778 | -415 | -215k | -6.02k | -1.56k | -71.6 | -4.02k | -6.88k |
| 11 | 8 | Max | -8.45k | 21.5k | 20.6k | 105 | 7.46k | 11.6k | 38.6k | 299 | 290 | 22.0 | 807 | 421 | 146k | 10.9k | 20.1k | 75.0 | 13.6k | 3.94k |
| 12 | 1 | Min | -44.5k | 3.02k | 2.52k | 14.3 | -1.28k | 5.33k | -37.1k | 1.64k | 2.56 | 21.2 | 46.3 | 253 | -35.2k | 3.27k | 2.74k | -151 | 1.33k | -5.41k |
| 12 | 1 | Max | -41.2k | 3.33k | 2.68k | 15.9 | -1.18k | 5.86k | -35.1k | 1.81k | 4.08 | 23.4 | 49.0 | 267 | -34.3k | 3.60k | 3.05k | -137 | 1.45k | -4.90k |
| 12 | 4 | Max | -30.0k | 1.96k | 1.97k | 9.29 | -882 | 3.45k | -26.6k | 1.06k | -2.62 | 13.6 | 28.5 | 163 | -27.5k | 2.12k | 1.78k | -88.9 | 876 | -3.18k |
| 12 | 5 | Max | -28.3k | 1.75k | 1.90k | 8.26 | -835 | 3.09k | -25.8k | 949 | -4.41 | 12.0 | 27.0 | 150 | -27.5k | 1.89k | 1.58k | -79.4 | 794 | -2.83k |
| 12 | 7 | Min | -36.5k | 1.30k | -169 | 5.00 | -1.69k | 2.52k | -42.1k | 764 | -14.9 | 4.42 | -23.3 | -86.7 | -54.7k | 1.05k | 1.56k | -115 | 673 | -4.54k |
| 12 | 7 | Max | -23.5k | 2.62k | 4.10k | 13.6 | -72.1 | 4.39k | -11.1k | 1.36k | 9.64 | 22.7 | 80.4 | 413 | -245 | 3.19k | 2.00k | -62.3 | 1.08k | -1.81k |
| 12 | 8 | Min | -52.1k | -372 | -5.56k | -5.96 | -3.73k | 139 | -81.1k | 24.0 | -46.4 | -19.0 | -155 | -582 | -124k | -1.73k | 976 | -185 | 153 | -8.09k |
| 12 | 8 | Max | -7.87k | 4.29k | 9.49k | 24.5 | 1.97k | 6.77k | 27.9k | 2.10k | 41.1 | 46.2 | 212 | 909 | 68.8k | 5.97k | 2.58k | 7.06 | 1.60k | 1.74k |
| 13 | 1 | Min | -292k | 14.6k | -2.20k | 1.66 | 2.08k | 19.0k | -296k | 14.6k | -2.20k | 1.66 | 884 | 7.31k | -304k | 14.6k | -2.20k | 1.66 | -2.70k | -21.9k |
| 13 | 1 | Max | -266k | 16.9k | -1.50k | 1.73 | 3.02k | 22.0k | -270k | 16.9k | -1.50k | 1.73 | 1.26k | 8.47k | -277k | 16.9k | -1.50k | 1.73 | -1.81k | -18.9k |
| 13 | 4 | Max | -175k | 8.66k | -495 | 0.812 | 709 | 11.3k | -177k | 8.66k | -495 | 0.812 | 313 | 4.33k | -184k | 8.66k | -495 | 0.812 | -578 | -11.3k |
| 13 | 5 | Max | -157k | 7.14k | -66.1 | 0.650 | 131 | 9.27k | -160k | 7.14k | -66.1 | 0.650 | 78.4 | 3.56k | -166k | 7.14k | -66.1 | 0.650 | -40.5 | -9.29k |
| 13 | 7 | Min | -190k | 5.42k | -2.44k | -8.64 | -1.81k | 7.10k | -193k | 5.42k | -2.44k | -8.64 | -646 | 2.76k | -199k | 5.42k | -2.44k | -8.64 | -3.12k | -15.5k |
| 13 | 7 | Max | -159k | 11.9k | 1.45k | 10.3 | 3.22k | 15.4k | -162k | 11.9k | 1.45k | 10.3 | 1.27k | 5.89k | -168k | 11.9k | 1.45k | 10.3 | 1.97k | -6.99k |
| 13 | 8 | Min | -222k | -3.20k | -7.43k | -33.5 | -8.24k | -3.95k | -225k | -3.20k | -7.43k | -33.5 | -3.10k | -1.39k | -231k | -3.20k | -7.43k | -33.5 | -9.65k | -26.9k |
| 13 | 8 | Max | -128k | 20.5k | 6.44k | 35.1 | 9.66k | 26.5k | -130k | 20.5k | 6.44k | 35.1 | 3.72k | 10.0k | -136k | 20.5k | 6.44k | 35.1 | 8.49k | 4.37k |
| 14 | 1 | Min | -550k | -14.2k | -25.8k | 2.37 | 27.4k | -18.1k | -555k | -14.2k | -25.8k | 2.37 | 8.63k | -6.70k | -564k | -14.2k | -25.8k | 2.37 | -37.2k | 16.6k |
| 14 | 1 | Max | -494k | -12.4k | -23.5k | 2.47 | 30.0k | -15.8k | -498k | -12.4k | -23.5k | 2.47 | 9.32k | -5.84k | -507k | -12.4k | -23.5k | 2.47 | -33.7k | 18.9k |
| 14 | 4 | Max | -314k | -7.58k | -14.4k | 1.16 | 16.6k | -9.60k | -317k | -7.58k | -14.4k | 1.16 | 5.15k | -3.54k | -324k | -7.58k | -14.4k | 1.16 | -20.7k | 10.1k |
| 14 | 5 | Max | -275k | -6.40k | -12.5k | 0.926 | 14.5k | -8.08k | -278k | -6.40k | -12.5k | 0.926 | 4.50k | -2.97k | -286k | -6.40k | -12.5k | 0.926 | -18.0k | 8.55k |
| 14 | 7 | Min | -328k | -10.1k | -16.6k | -12.3 | 13.6k | -12.8k | -332k | -10.1k | -16.6k | -12.3 | 3.94k | -4.78k | -339k | -10.1k | -16.6k | -12.3 | -23.6k | 6.83k |
| 14 | 7 | Max | -299k | -5.08k | -12.1k | 14.6 | 19.7k | -6.36k | -302k | -5.08k | -12.1k | 14.6 | 6.36k | -2.30k | -309k | -5.08k | -12.1k | 14.6 | -17.8k | 13.4k |
| 14 | 8 | Min | -360k | -16.6k | -22.7k | -47.8 | 5.56k | -21.3k | -364k | -16.6k | -22.7k | -47.8 | 742 | -8.02k | -371k | -16.6k | -22.7k | -47.8 | -31.4k | -1.77k |
| | | | | | | | | | | | | | | | | | | | | |

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|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 17 | 4 | Max | -89.6k | 1.28k | -4.70k | 0.746 | 6.82k | 1.74k | -93.1k | 1.28k | -4.70k | 0.746 | 1.98k | 424 | -99.1k | 1.28k | -4.70k | 0.746 | -6.48k | -1.88k |
| 17 | 5 | Max | -83.8k | 1.18k | -4.23k | 0.597 | 6.14k | 1.60k | -87.3k | 1.18k | -4.23k | 0.597 | 1.78k | 385 | -93.3k | 1.18k | -4.23k | 0.597 | -5.83k | -1.73k |
| 17 | 7 | Min | -99.7k | -1.37k | -6.49k | -7.94 | 4.28k | -1.97k | -103k | -1.37k | -6.49k | -7.94 | 1.28k | -562 | -109k | -1.37k | -6.49k | -7.94 | -9.00k | -5.67k |
| 17 | 7 | Max | -79.5k | 3.93k | -2.91k | 9.43 | 9.36k | 5.45k | -83.0k | 3.93k | -2.91k | 9.43 | 2.68k | 1.41k | -89.0k | 3.93k | -2.91k | 9.43 | -3.95k | 1.91k |
| 17 | 8 | Min | -124k | -8.34k | -11.1k | -30.8 | -2.24k | -11.7k | -128k | -8.34k | -11.1k | -30.8 | -505 | -3.15k | -134k | -8.34k | -11.1k | -30.8 | -15.5k | -15.6k |
| 17 | 8 | Max | -55.0k | 10.9k | 1.68k | 32.3 | 15.9k | 15.2k | -58.5k | 10.9k | 1.68k | 32.3 | 4.46k | 3.99k | -64.5k | 10.9k | 1.68k | 32.3 | 2.52k | 11.9k |
| 18 | 1 | Min | -138k | -1.86k | -631 | 1.09 | 848 | -2.74k | -143k | -1.86k | -631 | 1.09 | 28.4 | -325 | -150k | -1.86k | -631 | 1.09 | -1.11k | 2.59k |
| 18 | 1 | Max | -128k | -1.56k | -616 | 1.13 | 849 | -2.25k | -133k | -1.56k | -616 | 1.13 | 47.4 | -224 | -140k | -1.56k | -616 | 1.13 | -1.06k | 3.02k |
| 18 | 4 | Max | -85.2k | -1.59k | -431 | 0.531 | 594 | -2.35k | -89.1k | -1.59k | -431 | 0.531 | 34.3 | -288 | -94.5k | -1.59k | -431 | 0.531 | -741 | 2.57k |
| 18 | 5 | Max | -77.9k | -1.74k | -414 | 0.425 | 579 | -2.60k | -81.8k | -1.74k | -414 | 0.425 | 40.8 | -336 | -87.2k | -1.74k | -414 | 0.425 | -705 | 2.79k |
| 18 | 7 | Min | -90.4k | -2.68k | -603 | -5.66 | 346 | -4.02k | -94.3k | -2.68k | -603 | -5.66 | -23.7 | -571 | -99.7k | -2.68k | -603 | -5.66 | -1.04k | 847 |
| 18 | 7 | Max | -79.9k | -498 | -259 | 6.72 | 843 | -688 | -83.8k | -498 | -259 | 6.72 | 92.2 | -4.99 | -89.2k | -498 | -259 | 6.72 | -446 | 4.29k |
| 18 | 8 | Min | -102k | -5.43k | -1.03k | -21.9 | -260 | -8.21k | -106k | -5.43k | -1.03k | -21.9 | -150 | -1.26k | -111k | -5.43k | -1.03k | -21.9 | -1.78k | -3.52k |
| 18 | 8 | Max | -68.4k | 2.26k | 170 | 23.0 | 1.45k | 3.50k | -72.3k | 2.26k | 170 | 23.0 | 218 | 680 | -77.7k | 2.26k | 170 | 23.0 | 294 | 8.66k |
| 19 | 1 | Min | -265k | -3.24k | -19.7k | 1.04 | 24.2k | -4.17k | -268k | -3.24k | -19.7k | 1.04 | 7.60k | -1.09k | -276k | -3.24k | -19.7k | 1.04 | -26.9k | 4.13k |
| 19 | 1 | Max | -240k | -2.82k | -17.5k | 1.09 | 27.3k | -3.63k | -244k | -2.82k | -17.5k | 1.09 | 8.56k | -950 | -251k | -2.82k | -17.5k | 1.09 | -23.9k | 4.74k |
| 19 | 4 | Max | -157k | -1.70k | -11.0k | 0.510 | 15.3k | -2.19k | -160k | -1.70k | -11.0k | 0.510 | 4.79k | -569 | -165k | -1.70k | -11.0k | 0.510 | -15.0k | 2.50k |
| 19 | 5 | Max | -140k | -1.43k | -9.56k | 0.408 | 13.2k | -1.83k | -143k | -1.43k | -9.56k | 0.408 | 4.16k | -473 | -148k | -1.43k | -9.56k | 0.408 | -13.1k | 2.10k |
| 19 | 7 | Min | -160k | -2.22k | -13.7k | -5.43 | 11.7k | -2.93k | -163k | -2.22k | -13.7k | -5.43 | 3.71k | -823 | -169k | -2.22k | -13.7k | -5.43 | -18.8k | 1.83k |
| 19 | 7 | Max | -153k | -1.19k | -8.37k | 6.45 | 18.9k | -1.45k | -156k | -1.19k | -8.37k | 6.45 | 5.86k | -314 | -161k | -1.19k | -8.37k | 6.45 | -11.3k | 3.17k |
| 19 | 8 | Min | -168k | -3.57k | -20.7k | -21.1 | 2.21k | -4.87k | -171k | -3.57k | -20.7k | -21.1 | 887 | -1.49k | -176k | -3.57k | -20.7k | -21.1 | -28.5k | 49.9 |
| 19 | 8 | Max | -145k | 160 | -1.39k | 22.1 | 28.3k | 498 | -148k | 160 | -1.39k | 22.1 | 8.69k | 351 | -154k | 160 | -1.39k | 22.1 | -1.60k | 4.95k |
| 20 | 1 | Min | -546k | 1.48k | -144 | 1.64 | 71.3 | 2.10k | -550k | 1.48k | -144 | 1.64 | -65.7 | 700 | -559k | 1.48k | -144 | 1.64 | -325 | -2.32k |
| 20 | 1 | Max | -489k | 1.74k | -131 | 1.71 | 74.4 | 2.48k | -494k | 1.74k | -131 | 1.71 | -49.6 | 824 | -502k | 1.74k | -131 | 1.71 | -285 | -1.96k |
| 20 | 4 | Max | -313k | 889 | -80.4 | 0.800 | 41.9 | 1.27k | -316k | 889 | -80.4 | 0.800 | -34.4 | 422 | -323k | 889 | -80.4 | 0.800 | -179 | -1.18k |
| 20 | 5 | Max | -275k | 726 | -70.2 | 0.640 | 39.3 | 1.03k | -278k | 726 | -70.2 | 0.640 | -27.3 | 345 | -285k | 726 | -70.2 | 0.640 | -154 | -961 |
| 20 | 7 | Min | -315k | -1.64k | -878 | -8.51 | -1.68k | -2.19k | -318k | -1.64k | -878 | -8.51 | -1.01k | -640 | -325k | -1.64k | -878 | -8.51 | -736 | -4.66k |
| 20 | 7 | Max | -310k | 3.41k | 718 | 10.1 | 1.76k | 4.73k | -314k | 3.41k | 718 | 10.1 | 940 | 1.48k | -320k | 3.41k | 718 | 10.1 | 378 | 2.30k |
| 20 | 8 | Min | -320k | -8.28k | -2.52k | -33.0 | -5.22k | -11.3k | -323k | -8.28k | -2.52k | -33.0 | -3.04k | -3.43k | -330k | -8.28k | -2.52k | -33.0 | -1.93k | -13.8k |
| 20 | 8 | Max | -306k | 10.1k | 2.36k | 34.6 | 5.31k | 13.8k | -309k | 10.1k | 2.36k | 34.6 | 2.97k | 4.28k | -316k | 10.1k | 2.36k | 34.6 | 1.57k | 11.5k |
| 21 | 1 | Min | -391k | -15.0k | 1.38k | 1.57 | -2.41k | -20.6k | -396k | -15.0k | 1.38k | 1.57 | -1.02k | -6.42k | -403k | -15.0k | 1.38k | 1.57 | 1.54k | 18.5k |
| 21 | 1 | Max | -352k | -13.5k | 1.46k | 1.64 | -2.25k | -18.5k | -356k | -13.5k | 1.46k | 1.64 | -942 | -5.76k | -364k | -13.5k | 1.46k | 1.64 | 1.61k | 20.5k |
| 21 | 4 | Max | -226k | -8.61k | 963 | 0.767 | -1.54k | -11.9k | -229k | -8.61k | 963 | 0.767 | -630 | -3.69k | -235k | -8.61k | 963 | 0.767 | 1.10k | 11.8k |
| 21 | 5 | Max | -199k | -7.59k | 907 | 0.614 | -1.44k | -10.5k | -202k | -7.59k | 907 | 0.614 | -575 | -3.25k | -209k | -7.59k | 907 | 0.614 | 1.06k | 10.4k |
| 21 | 7 | Min | -237k | -10.3k | -3.34k | -8.17 | -7.41k | -14.2k | -240k | -10.3k | -3.34k | -8.17 | -2.41k | -4.39k | -246k | -10.3k | -3.34k | -8.17 | -4.87k | 9.46k |
| 21 | 7 | Max | -215k | -6.92k | 5.27k | 9.70 | 4.32k | -9.56k | -218k | -6.92k | 5.27k | 9.70 | 1.14k | -2.99k | -224k | -6.92k | 5.27k | 9.70 | 7.08k | 14.1k |
| 21 | 8 | Min | -266k | -14.7k | -14.9k | -31.7 | -23.1k | -20.2k | -269k | -14.7k | -14.9k | -31.7 | -7.16k | -6.20k | -275k | -14.7k | -14.9k | -31.7 | -20.9k | 3.35k |
| 21 | 8 | Max | -186k | -2.52k | 16.8k | 33.2 | 20.0k | -3.57k | -189k | -2.52k | 16.8k | 33.2 | 5.90k | -1.17k | -195k | -2.52k | 16.8k | 33.2 | 23.1k | 20.3k |
| 22 | 1 | Min | -359k | 5.45k | 3.74k | 1.52 | -5.93k | 6.84k | -364k | 5.45k | 3.74k | 1.52 | -1.47k | 1.23k | -372k | 5.45k | 3.74k | 1.52 | 5.53k | -9.43k |
| 22 | 1 | Max | -331k | 5.98k | 4.33k | 1.59 | -5.07k | 7.50k | -336k | 5.98k | 4.33k | 1.59 | -1.21k | 1.34k | -344k | 5.98k | 4.33k | 1.59 | 6.33k | -8.57k |
| 22 | 4 | Max | -224k | 3.48k | 2.74k | 0.746 | -3.78k | 4.30k | -227k | 3.48k | 2.74k | 0.746 | -957 | 719 | -233k | 3.48k | 2.74k | 0.746 | 3.97k | -5.54k |
| 22 | 5 | Max | -205k | 3.09k | 2.48k | 0.597 | -3.42k | 3.81k | -209k | 3.09k | 2.48k | 0.597 | -866 | 622 | -215k | 3.09k | 2.48k | 0.597 | 3.59k | -4.95k |
| 22 | 7 | Min | -232k | 3.20k | -989 | -7.94 | -9.03k | 3.62k | -235k | 3.20k | -989 | -7.94 | -2.37k | 316 | -241k | 3.20k | -989 | -7.94 | -1.32k | -5.72k |
| 22 | 7 | Max | -216k | 3.76k | 6.46k | 9.43 | 1.48k | 4.99k | -220k | 3.76k | 6.46k | 9.43 | 459 | 1.12k | -226k | 3.76k | 6.46k | 9.43 | 9.26k | -5.36k |
| 22 | 8 | Min | -249k | 2.49k | -10.9k | -30.8 | -23.0k | 1.89k | -252k | 2.49k | -10.9k | -30.8 | -6.14k | -693 | -258k | 2.49k | -10.9k | -30.8 | -15.4k | -6.12k |
| 22 | 8 | Max | -199k | 4.46k | 16.4k | 32.3 | 15.5k | 6.71k | -203k | 4.46k | 16.4k | 32.3 | 4.23k | 2.13k | -209k | 4.46k | 16.4k | 32.3 | 23.3k | -4.96k |
| 23 | 1 | Min | -62.6k | 2.60k | 12.8k | 23.4 | -11.0k | -1.99k | -66.5k | 2.60k | 12.8k | 23.4 | 735 | -4.54k | -70.5k | 2.60k | 12.8k | 23.4 | 12.2k | -7.09k |
| 23 | 1 | Max | -59.4k | 2.83k | 13.0k | 24.1 | -10.7k | -1.99k | -63.3k | 2.83k | 13.0k | 24.1 | 765 | -4.33k | -67.3k | 2.83k | 13.0k | 24.1 | 12.5k | -6.67k |
| 23 | 4 | Max | -42.2k | 2.02k | 9.49k | 16.7 | -8.05k | -1.07k | -45.2k | 2.02k | 9.49k | 16.7 | 497 | -2.89k | -48.2k | 2.02k | 9.49k | 16.7 | 9.04k | -4.71k |
| 23 | 5 | Max | -40.0k | 1.93k | 9.31k | 16.2 | -7.91k | -959 | -43.1k | 1.93k | 9.31k | 16.2 | 469 | -2.70k | -46.1k | 1.93k | 9.31k | 16.2 | 8.85k | -4.44k |
| 23 | 7 | Min | -46.8k | 377 | 7.72k | 9.83 | -9.91k | -2.90k | -49.8k | 377 | 7.72k | 9.83 | 119 | -3.59k | -52.8k | 377 | 7.72k | 9.83 | 7.58k | -5.97k |
| 23 | 7 | Max | -37.5k | 3.66k | 11.3k | 23.7 | -6.18k | 748 | -40.5k | 3.66k | 11.3k | 23.7 | 875 | -2.19k | -43.6k | 3.66k | 11.3k | 23.7 | 10.5k | -3.44k |
| 23 | 8 | Min | -57.6k | -3.74k | 3.29k | -7.96 | -14.6k | -7.48k | -60.6k | -3.74k | 3.29k | -7.96 | -721 | -5.31k | -63.6k | -3.74k | 3.29k | -7.96 | 3.95k | -9.11k |
| 23 | 8 | Max | -26.7k | 7.77k | 15.7k | 41.5 | -1.53k | 5.33k | -29.7k | 7.77k | 15.7k | 41.5 | 1.72k | -467 | -32.8k | 7.77k | 15.7k | 41.5 | 14.1k | -305 |
| 24 | 1 | Min | -170k | 8.32k | 24.6k | 65.1 | -15.6k | 18.5k | -171k | 8.32k | 24.6k | 65.1 | -12.4k | 17.4k | -176k | 8.32k | 24.6k | 65.1 | 9.83k | 9.90k |
| 24 | 1 | Max | -164k | 8.75k | 24.7k | 67.2 | -15.5k | 19.7k | -165k | 8.75k | 24.7k | 67.2 | -12.3k | 18.5k | -170k | 8.75k | 24.7k | 67.2 | 9.92k | 10.6k |
| 24 | 4 | Max | -110k | 5.57k | 18.9k | 46.7 | -11.9k | 12.9k | -111k | 5.57k | 18.9k | 46.7 | -9.41k | 12.2k | -115k | 5.57k | 18.9k | 46.7 | 7.61k | 7.15k |
| 24 | 5 | Max | -104k | 5.19k | 18.9k | 45.0 | -11.9k | 12.1k | -104k | 5.19k | 18.9k | 45.0 | -9.40k | 11.4k | -108k | 5.19k | 18.9k | 45.0 | 7.63k | 6.76k |
| 24 | 7 | Min | -119k | -1.16k | 16.7k | 27.4 | -13.5k | 10.3k | -120k | -1.16k | 16.7k | 27.4 | -10.8k | 10.3k | -124k | -1.16k | 16.7k | 27.4 | 6.55k | 2.71k |
| 24 | 7 | Max | -101k | 12.3k | 21.1k | 66.0 | -10.2k | 15.5k | -102k | 12.3k | 21.1k | 66.0 | -7.98k | 14.0k | -106k | 12.3k | 21.1k | 66.0 | 8.66k | 11.6k |
| 24 | 8 | Min | -140k | -18.5k | 11.1k | -22.2 | -17.8k | 3.65k | -141k | -18.5k | 11.1k | -22.2 | -14.4k | 5.84k | -145k | -18.5k | 11.1k | -22.2 | 4.05k | -8.76k |
| 24 | 8 | Max | -80.1k | 29.6k | 26.8k | 116 | -5.93k | 22.1k | -80.7k | 29.6k | 26.8k | 116 | -4.38k | 18.5k | -84.6k | 29.6k | 26.8k | 116 | 11.2k | 23.1k |
| 25 | 1 | Min | -184k | -3.46k | 2.57k | 0.963 | -3.50k | -4.80k | -188k | -3.46k | 2.57k | 0.963 | -604 | -1.24k | -194k | -3.46k | 2.5 | | | |

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|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|
| 27 | 7 | Min | -62.3k | -1.95k | -16.5k | 65.1 | -1.80k | -5.72k | -54.7k | -2.14k | -67.0 | 10.0 | -76.7 | -325 | -45.0k | -3.72k | -19.3k | -220 | -7.58k | 2.69k |
| 27 | 7 | Max | -39.1k | 2.93k | 7.54k | 161 | 6.89k | -2.32k | -16.3k | -1.53k | -1.87 | 29.9 | 82.8 | 58.0 | 23.6k | 1.14k | -3.74k | -172 | -791 | 7.00k |
| 27 | 8 | Min | -91.4k | -8.29k | -48.8k | -58.3 | -13.5k | -10.2k | -105k | -2.93k | -152 | -16.6 | -270 | -791 | -136k | -10.0k | -40.2k | -283 | -16.7k | -2.95k |
| 27 | 8 | Max | -9.99k | 9.26k | 39.9k | 284 | 18.6k | 2.16k | 33.6k | -736 | 83.3 | 56.5 | 276 | 524 | 115k | 7.48k | 17.1k | -109 | 8.32k | 12.6k |
| 28 | 1 | Min | -31.7k | 3.28k | 4.12k | 9.70 | -3.66k | 1.33k | -34.3k | 3.28k | 4.12k | 9.70 | 130 | -1.76k | -37.0k | 3.28k | 4.12k | 9.70 | 3.84k | -4.97k |
| 28 | 1 | Max | -29.7k | 3.57k | 4.21k | 10.0 | -3.58k | 1.45k | -32.3k | 3.57k | 4.21k | 10.0 | 135 | -1.63k | -35.0k | 3.57k | 4.21k | 10.0 | 3.93k | -4.59k |
| 28 | 4 | Max | -20.5k | 2.37k | 3.07k | 6.95 | -2.68k | 1.15k | -22.5k | 2.37k | 3.07k | 6.95 | 80.2 | -979 | -24.6k | 2.37k | 3.07k | 6.95 | 2.84k | -3.11k |
| 28 | 5 | Max | -19.1k | 2.22k | 3.01k | 6.70 | -2.63k | 1.14k | -21.2k | 2.22k | 3.01k | 6.70 | 73.0 | -860 | -23.2k | 2.22k | 3.01k | 6.70 | 2.78k | -2.86k |
| 28 | 7 | Min | -22.2k | 1.24k | 2.51k | 4.08 | -3.30k | -466 | -24.2k | 1.24k | 2.51k | 4.08 | -67.0 | -1.66k | -26.3k | 1.24k | 2.51k | 4.08 | 2.42k | -3.68k |
| 28 | 7 | Max | -18.8k | 3.50k | 3.62k | 9.82 | -2.06k | 2.77k | -20.8k | 3.50k | 3.62k | 9.82 | 227 | -301 | -22.9k | 3.50k | 3.62k | 9.82 | 3.26k | -2.55k |
| 28 | 8 | Min | -26.4k | -1.45k | 1.13k | -3.30 | -4.86k | -4.48k | -28.4k | -1.45k | 1.13k | -3.30 | -417 | -3.36k | -30.5k | -1.45k | 1.13k | -3.30 | 1.40k | -4.85k |
| 28 | 8 | Max | -14.6k | 6.20k | 5.00k | 17.2 | -504 | 6.78k | -16.6k | 6.20k | 5.00k | 17.2 | 577 | 1.40k | -18.7k | 6.20k | 5.00k | 17.2 | 4.28k | -1.37k |
| 29 | 1 | Min | -32.2k | 65.9 | 1.12k | 9.70 | -1.12k | 1.49k | -34.9k | 65.9 | 1.12k | 9.70 | -92.3 | 1.38k | -37.5k | 65.9 | 1.12k | 9.70 | 926 | 1.26k |
| 29 | 1 | Max | -30.2k | 130 | 1.14k | 10.0 | -1.09k | 1.64k | -32.8k | 130 | 1.14k | 10.0 | -82.6 | 1.58k | -35.5k | 130 | 1.14k | 10.0 | 936 | 1.52k |
| 29 | 4 | Max | -21.0k | 336 | 924 | 6.95 | -919 | 1.26k | -23.0k | 336 | 924 | 6.95 | -86.6 | 959 | -25.0k | 336 | 924 | 6.95 | 745 | 656 |
| 29 | 5 | Max | -19.6k | 421 | 945 | 6.70 | -944 | 1.24k | -21.7k | 421 | 945 | 6.70 | -94.3 | 857 | -23.7k | 421 | 945 | 6.70 | 756 | 478 |
| 29 | 7 | Min | -23.6k | -779 | 619 | 4.08 | -1.19k | -360 | -25.6k | -779 | 619 | 4.08 | -139 | 279 | -27.7k | -779 | 619 | 4.08 | 449 | 112 |
| 29 | 7 | Max | -18.3k | 1.45k | 1.23k | 9.82 | -644 | 2.88k | -20.4k | 1.45k | 1.23k | 9.82 | -34.3 | 1.64k | -22.4k | 1.45k | 1.23k | 9.82 | 1.04k | 1.20k |
| 29 | 8 | Min | -30.0k | -3.46k | -172 | -3.30 | -1.90k | -4.37k | -32.1k | -3.46k | -172 | -3.30 | -250 | -1.42k | -34.1k | -3.46k | -172 | -3.30 | -318 | -1.02k |
| 29 | 8 | Max | -11.9k | 4.13k | 2.02k | 17.2 | 60.3 | 6.89k | -13.9k | 4.13k | 2.02k | 17.2 | 77.0 | 3.34k | -16.0k | 4.13k | 2.02k | 17.2 | 1.81k | 2.33k |
| 30 | 1 | Min | -34.8k | -2.82k | -1.99k | -16.9 | 861 | -1.44k | -46.9k | 25.7 | -11.9 | 13.2 | -11.9 | 17.8 | -65.1k | -21.0 | -120 | -12.6 | -229 | 619 |
| 30 | 1 | Max | -33.1k | -2.55k | -1.60k | -14.8 | 1.08k | -1.31k | -44.5k | 29.6 | -8.91 | 14.3 | -5.37 | 21.2 | -61.6k | -28.1 | -93.7 | -11.8 | -173 | 642 |
| 30 | 4 | Max | -23.5k | -1.81k | -945 | -9.48 | 500 | -947 | -31.2k | 18.0 | -8.26 | 8.59 | 0.401 | 19.1 | -43.2k | -50.7 | -35.3 | -7.88 | -69.7 | 439 |
| 30 | 5 | Max | -22.3k | -1.66k | -722 | -8.17 | 376 | -881 | -29.5k | 16.0 | -9.17 | 7.76 | 4.08 | 21.2 | -40.7k | -80.6 | -16.5 | -7.32 | -32.5 | 422 |
| 30 | 7 | Min | -30.3k | -3.99k | -3.24k | -57.1 | -372 | -2.34k | -40.4k | -5.61 | -47.4 | -1.10 | -86.6 | -40.1 | -61.1k | -4.75k | -1.73k | -38.9 | -486 | -1.73k |
| 30 | 7 | Max | -16.7k | 378 | 1.35k | 38.1 | 1.37k | 447 | -22.1k | 41.6 | 30.9 | 18.3 | 87.4 | 78.3 | -25.2k | 4.64k | 1.66k | 23.2 | 347 | 2.61k |
| 30 | 8 | Min | -47.0k | -9.69k | -9.14k | -185 | -2.59k | -5.99k | -63.7k | -59.3 | -147 | -26.8 | -301 | -194 | -106k | -16.9k | -6.28k | -122 | -1.56k | -7.35k |
| 30 | 8 | Max | 17.4 | 6.07k | 7.25k | 166 | 3.59k | 4.10k | 1.17k | 95.3 | 130 | 44.0 | 302 | 232 | 20.2k | 16.8k | 6.21k | 106 | 1.42k | 8.23k |
| 31 | 1 | Min | -68.1k | 2.72k | -2.41k | 160 | 8.47k | 1.72k | -48.6k | 50.8 | -3.76k | 37.4 | 188 | -52.6 | -27.5k | 8.00k | -3.62k | -370 | -10.2k | -3.21k |
| 31 | 1 | Max | -64.4k | 2.78k | -2.20k | 176 | 9.35k | 1.81k | -47.1k | 58.5 | -3.39k | 41.1 | 212 | -48.3 | -25.9k | 8.66k | -3.30k | -337 | -9.29k | -2.97k |
| 31 | 4 | Max | -44.2k | 1.81k | -1.41k | 107 | 5.54k | 1.14k | -33.7k | 32.0 | -2.21k | 24.3 | 135 | -33.2 | -22.0k | 5.39k | -2.16k | -222 | -6.06k | -2.01k |
| 31 | 5 | Max | -41.4k | 1.72k | -1.26k | 96.4 | 4.95k | 1.06k | -32.5k | 27.3 | -1.97k | 21.7 | 123 | -30.5 | -22.8k | 4.94k | -1.94k | -200 | -5.42k | -1.85k |
| 31 | 7 | Min | -54.4k | -8.51k | -3.65k | 73.5 | 4.01k | -2.41k | -53.4k | -9.57 | -2.47k | 9.88 | -147 | -109 | -58.7k | 2.68k | -4.42k | -243 | -8.18k | -3.54k |
| 31 | 7 | Max | -34.0k | 12.1k | 827 | 140 | 7.06k | 4.69k | -14.0k | 73.6 | -1.95k | 38.7 | 416 | 42.6 | 14.6k | 8.09k | 91.3 | -201 | -3.94k | -475 |
| 31 | 8 | Min | -79.7k | -35.2k | -9.64k | -15.3 | -47.3 | -11.6k | -104k | -117 | -3.11k | -28.3 | -727 | -305 | -154k | -4.19k | -10.4k | -298 | -13.8k | -7.46k |
| 31 | 8 | Max | -8.68k | 38.8k | 6.81k | 229 | 11.1k | 13.9k | 37.1k | 181 | -1.31k | 76.9 | 996 | 239 | 110k | 15.0k | 6.10k | -146 | 1.72k | 3.45k |

Piano 3. Involuppo Sollecitazioni Travi

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|-----|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | 13.1k | -1.02k | 6.70k | -1.85 | -806 | -146 | -631 | 11.7 | -16.5k | 1.02 | -3.62k | -5.01 | 7.19k | -523 | -21.7k | 2.37 | -7.82k | 63.5 |
| 1 | 1 | Max | 13.4k | -975 | 6.83k | -1.59 | -767 | -140 | -601 | 17.6 | -14.5k | 1.54 | -3.23k | -3.34 | 7.50k | -443 | -19.9k | 2.69 | -7.25k | 74.9 |
| 1 | 4 | Max | 7.76k | -540 | 3.94k | -0.826 | -488 | -77.4 | -382 | 11.9 | -9.95k | 1.04 | -2.21k | -3.39 | 4.43k | -324 | -13.0k | 1.63 | -4.62k | 46.4 |
| 1 | 5 | Max | 6.98k | -487 | 3.62k | -0.746 | -448 | -69.8 | -349 | 10.6 | -8.86k | 0.923 | -1.97k | -3.01 | 4.02k | -290 | -11.7k | 1.46 | -4.16k | 41.5 |
| 1 | 7 | Min | -34.3k | -3.21k | -3.26k | -3.50 | -2.51k | -460 | -546 | -10.8 | -18.2k | -0.946 | -4.25k | -9.87 | -5.42k | -1.21k | -21.3k | 0.377 | -6.90k | -80.4 |
| 1 | 7 | Max | 49.8k | 2.13k | 11.1k | 1.85 | 1.53k | 305 | -217 | 34.7 | -1.73k | 3.03 | -163 | 3.08 | 14.3k | 561 | -4.62k | 2.88 | -2.34k | 173 |
| 1 | 8 | Min | -147k | -10.1k | -22.6k | -10.3 | -7.91k | -1.44k | -985 | -70.2 | -40.1k | -6.13 | -9.70k | -26.8 | -31.9k | -3.50k | -43.7k | -2.81 | -13.0k | -409 |
| 1 | 8 | Max | 163k | 8.99k | 30.5k | 8.66 | 6.93k | 1.29k | 222 | 94.0 | 20.2k | 8.21 | 5.28k | 20.0 | 40.7k | 2.85k | 17.7k | 6.07 | 3.78k | 502 |
| 2 | 1 | Min | 1.30k | 1.26 | 72.3k | -5.93 | -35.4k | 2.48 | 1.30k | 1.26 | -1.69k | -5.93 | 37.1k | -0.83m | 1.30k | 1.26 | -82.6k | -5.93 | -42.1k | -3.03 |
| 2 | 1 | Max | 1.35k | 1.54 | 79.2k | -4.92 | -32.9k | 3.03 | 1.35k | 1.54 | -1.14k | -4.92 | 40.7k | -0.68m | 1.35k | 1.54 | -74.6k | -4.92 | -37.4k | -2.48 |
| 2 | 4 | Max | 851 | 0.718 | 46.8k | -3.09 | -20.7k | 1.41 | 851 | 0.718 | -1.36k | -3.09 | 24.0k | -0.39m | 851 | 0.718 | -49.5k | -3.09 | -26.0k | -1.41 |
| 2 | 5 | Max | 802 | 0.548 | 42.0k | -2.53 | -18.6k | 1.08 | 802 | 0.548 | -1.25k | -2.53 | 21.5k | -0.29m | 802 | 0.548 | -44.5k | -2.53 | -23.5k | -1.08 |
| 2 | 7 | Min | -133 | -43.3m | 43.1k | -4.48 | -26.6k | -85.0m | -133 | -43.3m | -5.08k | -4.48 | 22.6k | -0.79m | -133 | -43.3m | -53.3k | -4.48 | -34.8k | -2.91 |
| 2 | 7 | Max | 1.83k | 1.48 | 50.6k | -1.69 | -14.8k | 2.91 | 1.83k | 1.48 | 2.36k | -1.69 | 25.4k | 23.3μ | 1.83k | 1.48 | -45.8k | -1.69 | -17.3k | 85.1m |
| 2 | 8 | Min | -2.77k | -2.05 | 33.2k | -8.02 | -42.4k | -4.03 | -2.77k | -2.05 | -15.0k | -8.02 | 18.8k | -1.87m | -2.77k | -2.05 | -63.2k | -8.02 | -58.1k | -6.85 |
| 2 | 8 | Max | 4.48k | 3.49 | 60.5k | 1.85 | 937 | 6.85 | 4.48k | 3.49 | 12.3k | 1.85 | 29.2k | 1.10m | 4.48k | 3.49 | -35.9k | 1.85 | 6.00k | 4.03 |
| 3 | 1 | Min | -1.58k | -1.36 | 56.9k | 0.894 | -46.5k | -2.79 | -1.58k | -1.36 | 5.45k | 0.894 | 28.8k | 0 | -1.58k | -1.36 | -93.4k | 0.894 | -50.4k | 2.10 |
| 3 | 1 | Max | -1.55k | -1.02 | 61.4k | 2.49 | -42.0k | -2.10 | -1.55k | -1.02 | 6.59k | 2.49 | 31.1k | 0 | -1.55k | -1.02 | -85.4k | 2.49 | -46.7k | 2.79 |
| 3 | 4 | Max | -1.00k | -0.692 | 39.2k | 1.76 | -28.8k | -1.42 | -1.00k | -0.692 | 3.45k | 1.76 | 19.2k | 0 | -1.00k | -0.692 | -56.3k | 1.76 | -31.0k | 1.42 |
| 3 | 5 | Max | -933 | -0.541 | 36.5k | 1.41 | -26.4k | -1.11 | -933 | -0.541 | 2.90k | 1.41 | 17.5k | 0 | -933 | -0.541 | -50.8k | 1.41 | -28.3k | 1.11 |
| 3 | 7 | Min | -1.57k | -1.02 | 36.6k | 55.9m | -34.4k | -2.10 | -1.57k | -1.02 | 789 | 55.9m | 19.0k | 0 | -1.57k | -1.02 | -58.9k | 55.9m | -36.4k | 0.750 |
| 3 | 7 | Max | -433 | -0.365 | 41.9k | 3.46 | -23.2k | -0.750 | -433 | -0.365 | 6.11k | 3.46 | 19.3k | 0 | -433 | -0.365 | -53.6k | 3.46 | -25.7k | 2.10 |
| 3 | 8 | Min | -3.09k | -1.88 | 29.5k | -4.51 | -49.2k | -3.86 | -3.09k | -1.88 | -6.32k | -4.51 | 18.6k | 0 | -3.09k | -1.88 | -66.0k | -4.51 | -50.7k | -1.01 |
| 3 | 8 | Max | 1.09k | 0.492 | 49.0k | 8.03 | -8.34k | 1.01 | 1.09k | 0.492 | 13.2k | 8.03 | 19.7k | 0 | 1.09k | 0.492 | -46.5k | 8.03 | -11.3k | 3.86 |
| 4 | 1 | Min | 4.73k | 5.13 | 50.9k | 9.83 | -19.6k | 5.38 | 4.73k | 5.13 | -2.99k | 9.83 | 7.69k | 8.09m | 4.73k | 5.13 | -52.1k | 9.83 | -21.7k | -8.92 |
| 4 | 1 | Max | 4.86k | 8.49 | 56.8k | 10.4 | -16.9k | 8.92 | 4.86k | 8.49 | -2.75k | 10.4 | 8.17k | 13.4m | 4.86k | 8.49 | -47.9k | 10.4 | -20.0k | -5.38 |
| 4 | 4 | Max | 2.93k | 10.3 | 35.3k | 8.69 | -13.4k | 10.9 | 2.93k | 10.3 | 255 | 8.69 | 4.91k | 16.3m | 2.93k | 10.3 | -29.3k | 8.69 | -10.9k | -10.9 |
| 4 | 5 | Max | 2.70k | 10.6 | 32.0k | 8.77 | -12.4k | 11.2 | 2.70k | 10.6 | 777 | 8.77 | 4.50k | 16.8m | 2.70k | 10.6 | -25.9k | 8.77 | -9.15k | -11.2 |
| 4 | 7 | Min | 1.90k | 3.73 | 29.9k | 6.96 | -19.5k | 3.92 | 1.90k | 3.73 | -5.13k | 6.96 | 4.46k | 5.89m | 1.90k | 3.73 | -34.7k | 6.96 | -16.2k | -17.8 |
| 4 | 7 | Max | 3.95k | 17.0 | 40.6k | 10.4 | -7.39k | 17.8 | 3.95k | 17.0 | 5.64k | 10.4 | 5.36k | 26.8m | 3.95k | 17.0 | -23.9k | 10.4 | -5.63k | -3.92 |
| 4 | 8 | Min | -835 | -14.0 | 15.5k | 2.35 | -35.6k | -14.7 | -835 | -14.0 | -19.5k | 2.35 | 3.28k | -22.1m | -835 | -14.0 | -49.1k | 2.35 | -30.3k | -36.4 |
| 4 | 8 | Max | 6.69k | 34.7 | 55.0k | 15.0 | 8.73k | 36.4 | 6.69k | 34.7 | 20.0k | 15.0 | 6.54k | 54.7m | 6.69k | 34.7 | -9.55k | 15.0 | 8.49k | 14.7 |
| 5 | 1 | Min | 398 | -0.576 | 32.6k | -8.55 | -20.2k | -1.43 | 398 | -0.576 | -2.55k | -8.55 | 17.3k | 0 | 398 | -0.576 | -37.7k | -8.55 | -32.0k | 1.32 |
| 5 | 1 | Max | 604 | -0.531 | 32.6k | -7.86 | -18.8k | -1.32 | 604 | -0.531 | -2.37k | -7.86 | 18.5k | 0 | 604 | -0.531 | -37.3k | -7.86 | -31.5k | 1.43 |
| 5 | 4 | Max | 789 | -0.337 | 25.3k | -5.00 | -14.7k | -0.839 | 789 | -0.337 | -1.35k | -5.00 | 15.0k | 0 | 789 | -0.337 | -28.0k | -5.00 | -21.4k | 0.839 |
| 5 | 5 | Max | 830 | -0.330 | 25.4k | -4.47 | -15.1k | -0.820 | 830 | -0.330 | -1.17k | -4.47 | 15.0k | 0 | 830 | -0.330 | -27.7k | -4.47 | -20.9k | 0.820 |
| 5 | 7 | Min | -147 | -0.757 | 23.2k | -6.91 | -19.7k | -1.88 | -147 | -0.757 | -3.41k | -6.91 | 14.9k | 0 | -147 | -0.757 | -30.1k | -6.91 | -26.7k | -0.205 |
| 5 | 7 | Max | 1.73k | 82.6m | 27.4k | -3.08 | -9.76k | 0.205 | 1.73k | 82.6m | 704 | -3.08 | 15.2k | 0 | 1.73k | 82.6m | -26.0k | -3.08 | -16.2k | 1.88 |
| 5 | 8 | Min | -2.66k | -1.88 | 17.7k | -12.0 | -33.0k | -4.68 | -2.66k | -1.88 | -8.92k | -12.0 | 14.4k | 0 | -2.66k | -1.88 | -35.6k | -12.0 | -40.8k | -3.00 |
| 5 | 8 | Max | 4.24k | 1.21 | 32.9k | 2.06 | 3.53k | 3.00 | 4.24k | 1.21 | 6.22k | 2.06 | 15.7k | 0 | 4.24k | 1.21 | -20.4k | 2.06 | 2.07k | 4.68 |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6 | 1 | Min | -1.41k | -4.02 | 44.0k | 8.60 | -16.5k | -4.76 | -1.41k | -4.02 | 1.60k | 8.60 | 13.2k | -70.4m | -1.41k | -4.02 | -44.8k | 8.60 | -11.1k | 3.69 |
| 6 | 1 | Max | -1.29k | -3.12 | 49.9k | 11.0 | -13.4k | -3.69 | -1.29k | -3.12 | 3.25k | 11.0 | 14.4k | -54.6m | -1.29k | -3.12 | -42.1k | 11.0 | -10.5k | 4.76 |
| 6 | 4 | Max | -806 | -3.48 | 29.9k | 9.44 | -10.1k | -4.12 | -806 | -3.48 | 1.98k | 9.44 | 8.51k | -60.9m | -806 | -3.48 | -26.8k | 9.44 | -6.36k | 4.12 |
| 6 | 5 | Max | -713 | -3.40 | 26.6k | 9.23 | -8.80k | -4.03 | -713 | -3.40 | 1.54k | 9.23 | 7.62k | -59.6m | -713 | -3.40 | -24.3k | 9.23 | -6.03k | 4.03 |
| 6 | 7 | Min | -1.48k | -4.08 | 24.6k | 7.03 | -18.6k | -4.83 | -1.48k | -4.08 | -3.27k | 7.03 | 6.02k | -71.4m | -1.48k | -4.08 | -32.0k | 7.03 | -10.2k | 3.41 |
| 6 | 7 | Max | -127 | -2.88 | 35.1k | 11.9 | -1.47k | -3.41 | -127 | -2.88 | 7.23k | 11.9 | 11.0k | -50.4m | -127 | -2.88 | -21.5k | 11.9 | -2.50k | 4.83 |
| 6 | 8 | Min | -3.31k | -5.69 | 10.6k | 0.550 | -41.6k | -6.72 | -3.31k | -5.69 | -17.3k | 0.550 | -649 | -99.5m | -3.31k | -5.69 | -46.1k | 0.550 | -20.5k | 1.51 |
| 6 | 8 | Max | 1.70k | -1.28 | 49.2k | 18.3 | 21.5k | -1.51 | 1.70k | -1.28 | 21.3k | 18.3 | 17.7k | -22.3m | 1.70k | -1.28 | -7.45k | 18.3 | 7.79k | 6.72 |
| 7 | 1 | Min | -1.02k | 0.133 | 35.6k | -0.466 | -8.58k | 0.128 | -1.02k | 0.133 | 415 | -0.466 | 9.01k | 0 | -1.02k | 0.133 | -38.2k | -0.466 | -7.78k | -0.213 |
| 7 | 1 | Max | -809 | 0.221 | 39.0k | -0.289 | -8.39k | 0.213 | -809 | 0.221 | 464 | -0.289 | 10.5k | 0 | -809 | 0.221 | -34.7k | -0.289 | -7.50k | -0.128 |
| 7 | 4 | Max | -605 | 22.2m | 23.4k | -55.9m | -5.16k | 21.4m | -605 | 22.2m | 251 | -55.9m | 6.23k | 0 | -605 | 22.2m | -22.9k | -55.9m | -4.68k | -21.4m |
| 7 | 5 | Max | -519 | 17.7m | 21.0k | -45.9m | -4.77k | 17.1m | -519 | 17.7m | 252 | -45.9m | 5.50k | 0 | -519 | 17.7m | -20.5k | -45.9m | -4.29k | -17.1m |
| 7 | 7 | Min | -1.08k | -0.667 | 18.6k | -1.41 | -11.4k | -0.644 | -1.08k | -0.667 | -4.46k | -1.41 | 4.24k | 0 | -1.08k | -0.667 | -27.6k | -1.41 | -7.92k | -0.687 |
| 7 | 7 | Max | -127 | 0.711 | 28.1k | 1.30 | 1.09k | 0.687 | -127 | 0.711 | 4.97k | 1.30 | 8.22k | 0 | -127 | 0.711 | -18.1k | 1.30 | -1.43k | 0.644 |
| 7 | 8 | Min | -2.35k | -2.48 | 6.02k | -4.96 | -28.2k | -2.39 | -2.35k | -2.48 | -17.1k | -4.96 | -1.06k | 0 | -2.35k | -2.48 | -40.2k | -4.96 | -16.5k | -2.44 |
| 7 | 8 | Max | 1.14k | 2.53 | 40.7k | 4.85 | 17.9k | 2.44 | 1.14k | 2.53 | 17.6k | 4.85 | 13.5k | 0 | 1.14k | 2.53 | -5.51k | 4.85 | 7.11k | 2.39 |
| 8 | 1 | Min | 1.31k | 0.582 | 31.9k | -2.19 | 4.60k | 0.677 | 1.31k | 0.582 | -12.3k | -2.19 | 16.9k | -10.4m | 1.31k | 0.582 | -58.1k | -2.19 | -21.6k | -0.704 |
| 8 | 1 | Max | 1.47k | 0.606 | 35.0k | -1.90 | 5.24k | 0.704 | 1.47k | 0.606 | -11.0k | -1.90 | 18.6k | -9.99m | 1.47k | 0.606 | -52.8k | -1.90 | -19.6k | -0.676 |
| 8 | 4 | Max | 879 | 0.442 | 20.9k | -1.19 | 3.08k | 0.514 | 879 | 0.442 | -7.33k | -1.19 | 11.1k | -7.59m | 879 | 0.442 | -34.7k | -1.19 | -13.0k | -0.514 |
| 8 | 5 | Max | 786 | 0.434 | 18.9k | -1.01 | 2.71k | 0.505 | 786 | 0.434 | -6.56k | -1.01 | 9.97k | -7.46m | 786 | 0.434 | -31.2k | -1.01 | -11.7k | -0.505 |
| 8 | 7 | Min | 85.3 | -4.68 | 11.9k | -1.79 | -8.18k | -5.44 | 85.3 | -4.68 | -16.3k | -1.79 | 10.2k | -98.4m | 85.3 | -4.68 | -43.7k | -1.79 | -22.6k | -6.47 |
| 8 | 7 | Max | 1.67k | 5.56 | 29.9k | -0.595 | 14.3k | 6.47 | 1.67k | 5.56 | 1.66k | -0.595 | 12.0k | 83.2m | 1.67k | 5.56 | -25.8k | -0.595 | -3.34k | 5.44 |
| 8 | 8 | Min | -2.00k | -18.4 | -12.2k | -3.33 | -38.4k | -21.4 | -2.00k | -18.4 | -40.5k | -3.33 | 7.79k | -0.342 | -2.00k | -18.4 | -67.9k | -3.33 | -48.5k | -22.4 |
| 8 | 8 | Max | 3.76k | 19.3 | 54.1k | 0.949 | 44.6k | 22.5 | 3.76k | 19.3 | 25.8k | 0.949 | 14.4k | 0.327 | 3.76k | 19.3 | -1.62k | 0.949 | 22.6k | 21.4 |
| 9 | 1 | Min | -2.65k | -1.79k | 4.23k | 7.57 | -1.93k | -237 | 152 | 38.0 | -7.86k | 2.07 | -1.73k | -15.3 | 18.3k | -1.52k | -15.5k | -0.946 | -5.04k | 200 |
| 9 | 1 | Max | -2.01k | -1.56k | 4.47k | 8.27 | -1.82k | -206 | 197 | 39.7 | -7.59k | 2.14 | -1.63k | -14.6 | 20.1k | -1.51k | -14.7k | -0.877 | -4.71k | 200 |
| 9 | 4 | Max | -799 | -1.03k | 2.99k | 5.08 | -1.15k | -136 | 119 | 23.7 | -5.54k | 1.32 | -1.11k | -9.12 | 11.1k | -943 | -10.0k | -0.630 | -3.19k | 124 |
| 9 | 5 | Max | -346 | -903 | 2.96k | 4.62 | -1.05k | -119 | 99.3 | 22.7 | -5.36k | 1.27 | -1.03k | -8.75 | 9.67k | -884 | -9.41k | -0.621 | -2.96k | 117 |
| 9 | 7 | Min | -35.0k | -5.39k | -3.90k | -3.97 | -4.57k | -711 | -7.41k | -41.3 | -8.51k | 0.153 | -3.65k | -34.1 | -25.4k | -5.19k | -13.0k | -8.07 | -6.60k | -436 |
| 9 | 7 | Max | 33.4k | 3.33k | 9.88k | 14.1 | 2.26k | 439 | 7.64k | 88.7 | -2.57k | 2.49 | 1.44k | 15.9 | 47.7k | 3.31k | -7.08k | 6.81 | 214 | 685 |
| 9 | 8 | Min | -127k | -17.0k | -22.3k | -28.3 | -13.8k | -2.25k | -27.3k | -212 | -15.9k | -2.83 | -10.4k | -100 | -123k | -16.6k | -20.7k | -28.0 | -15.8k | -1.94k |
| 9 | 8 | Max | 125k | 15.0k | 28.3k | 38.4 | 11.4k | 1.98k | 27.6k | 260 | 4.87k | 5.47 | 8.14k | 81.8 | 146k | 14.7k | 610 | 26.7 | 9.38k | 2.19k |
| 10 | 1 | Min | 149 | -0.237 | 77.5k | 0.634 | -45.5k | -0.525 | 149 | -0.237 | -2.28k | 0.634 | 42.1k | 0.12m | 149 | -0.237 | -89.6k | 0.634 | -55.6k | 0.431 |
| 10 | 1 | Max | 161 | -0.194 | 85.0k | 1.27 | -41.7k | -0.431 | 161 | -0.194 | -2.01k | 1.27 | 46.4k | 0.14m | 161 | -0.194 | -81.5k | 1.27 | -50.6k | 0.525 |
| 10 | 4 | Max | 71.8 | -0.159 | 51.1k | 0.975 | -27.5k | -0.352 | 71.8 | -0.159 | -1.24k | 0.975 | 27.9k | 95.4μ | 71.8 | -0.159 | -53.6k | 0.975 | -33.0k | 0.353 |
| 10 | 5 | Max | 63.2 | -0.144 | 46.1k | 0.851 | -24.9k | -0.321 | 63.2 | -0.144 | -1.06k | 0.851 | 25.1k | 86.8μ | 63.2 | -0.144 | -48.3k | 0.851 | -29.6k | 0.321 |
| 10 | 7 | Min | -358 | -0.497 | 47.4k | -83.1m | -35.0k | -1.10 | -358 | -0.497 | -5.01k | -83.1m | 27.0k | -0.11m | -358 | -0.497 | -57.4k | -83.1m | -42.3k | -0.399 |
| 10 | 7 | Max | 502 | 0.180 | 54.9k | 2.03 | -20.1k | 0.399 | 502 | 0.180 | 2.53k | 2.03 | 28.8k | 0.30m | 502 | 0.180 | -49.9k | 2.03 | -23.8k | 1.10 |
| 10 | 8 | Min | -1.51k | -1.41 | 37.2k | -2.81 | -55.0k | -3.12 | -1.51k | -1.41 | -15.1k | -2.81 | 24.5k | -0.65m | -1.51k | -1.41 | -67.5k | -2.81 | -67.2k | -2.42 |
| 10 | 8 | Max | 1.66k | 1.09 | 65.0k | 4.75 | 3.76 | 2.41 | 1.66k | 1.09 | 12.7k | 4.75 | 31.2k | 0.84m | 1.66k | 1.09 | -39.7k | 4.75 | 1.17k | 3.12 |
| 11 | 1 | Min | 308 | -52.9m | 67.2k | 0.110 | -48.3k | -0.102 | 308 | -52.9m | -1.78k | 0.110 | 20.3k | 0 | 308 | -52.9m | -77.1k | 0.110 | -53.6k | 4.94m |
| 11 | 1 | Max | 398 | -2.57m | 74.3k | 0.677 | -42.7k | -4.94m | 398 | -2.57m | -1.37k | 0.677 | 21.9k | 0 | 398 | -2.57m | -70.7k | 0.677 | -49.5k | 0.102 |
| 11 | 4 | Max | 255 | 32.2m | 45.0k | -0.321 | -29.9k | 62.1m | 255 | 32.2m | -392 | -0.321 | 13.0k | 0 | 255 | 32.2m | -45.8k | -0.321 | -31.4k | -62.1m |
| 11 | 5 | Max | 225 | 30.9m | 40.6k | -0.311 | -27.0k | 59.5m | 225 | 30.9m | -303 | -0.311 | 11.8k | 0 | 225 | 30.9m | -41.2k | -0.311 | -28.2k | -59.5m |
| 11 | 7 | Min | 178 | -58.5m | 41.5k | -1.33 | -36.5k | -0.113 | 178 | -58.5m | -3.95k | -1.33 | 12.6k | 0 | 178 | -58.5m | -49.4k | -1.33 | -38.6k | -0.237 |
| 11 | 7 | Max | 332 | 0.123 | 48.6k | 0.690 | -23.3k | 0.237 | 332 | 0.123 | 3.17k | 0.690 | 13.5k | 0 | 332 | 0.123 | -42.3k | 0.690 | -24.3k | 0.113 |
| 11 | 8 | Min | -25.1 | -0.289 | 32.1k | -3.88 | -53.7k | -0.556 | -25.1 | -0.289 | -13.3k | -3.88 | 11.3k | 0 | -25.1 | -0.289 | -58.7k | -3.88 | -57.3k | -0.681 |
| 11 | 8 | Max | 535 | 0.354 | 57.9k | 3.24 | -6.15k | 0.681 | 535 | 0.354 | 12.5k | 3.24 | 14.8k | 0 | 535 | 0.354 | -32.9k | 3.24 | -5.54k | 0.556 |
| 12 | 1 | Min | 190 | 0.164 | 87.6k | -1.76 | -63.6k | 0.387 | 190 | 0.164 | 3.04k | -1.76 | 48.6k | 0.10m | 190 | 0.164 | -89.6k | -1.76 | -48.3k | -0.406 |
| 12 | 1 | Max | 191 | 0.172 | 96.1k | -1.62 | -58.3k | 0.406 | 191 | 0.172 | 3.24k | -1.62 | 53.5k | 0.11m | 191 | 0.172 | -81.5k | -1.62 | -44.0k | -0.387 |
| 12 | 4 | Max | 114 | 0.101 | 57.6k | -0.885 | -38.0k | 0.240 | 114 | 0.101 | 1.88k | -0.885 | 32.2k | 64.5μ | 114 | 0.101 | -53.8k | -0.885 | -29.1k | -0.239 |
| 12 | 5 | Max | 107 | 92.3m | 51.9k | -0.740 | -34.2k | 0.218 | 107 | 92.3m | 1.69k | -0.740 | 29.0k | 58.7μ | 107 | 92.3m | -48.5k | -0.740 | -26.2k | -0.218 |
| 12 | 7 | Min | -336 | -97.2m | 55.1k | -2.01 | -44.2k | -0.229 | -336 | -97.2m | -557 | -2.01 | 31.7k | -61.8μ | -336 | -97.2m | -56.2k | -2.01 | -34.4k | -0.708 |
| 12 | 7 | Max | 564 | 0.300 | 60.0k | 0.243 | -31.7k | 0.709 | 564 | 0.300 | 4.31k | 0.243 | 32.7k | 0.19m | 564 | 0.300 | -51.4k | 0.243 | -23.8k | 0.229 |
| 12 | 8 | Min | -1.55k | -0.616 | 48.8k | -4.98 | -60.4k | -1.45 | -1.55k | -0.616 | -6.92k | -4.98 | 30.4k | -0.39m | -1.55k | -0.616 | -62.6k | -4.98 | -48.2k | -1.93 |
| 12 | 8 | Max | 1.78k | 0.818 | 66.4k | 3.21 | -15.5k | 1.93 | 1.78k | 0.818 | 10.7k | 3.21 | 34.0k | 0.52m | 1.78k | 0.818 | -45.0k | 3.21 | -9.98k | 1.45 |
| 13 | 1 | Min | 5.53k | -6.65k | 3.88k | 11.4 | -1.74k | -942 | -263 | 13.2 | 1.09k | 1.59 | 527 | 0 | -5.91k | 153 | -1.59k | -0.810 | -582 | -27.4 |
| 13 | 1 | Max | 5.74k | -6.02k | 3.98k | 12.4 | -1.58k | -852 | -247 | 14.7 | 1.09k | 1.77 | 539 | 0 | -4.43k | 194 | -1.49k | -0.802 | -500 | -21.6 |
| 13 | 4 | Max | 4.21k | -4.06k | 2.86k | 7.42 | -1.04k | -575 | -166 | 8.81 | 555 | 1.06 | 431 | 0 | -2.38k | 39.1 | -1.69k | -0.566 | -369 | -5.54 |
| 13 | 5 | Max | 4.26k | -3.68k | 2.85k | 6.67 | -939 | -521 | -155 | 7.92 | 488 | 0.957 | 440 | 0 | -1.52k | 2.50 | -1.85k | -0.551 | -331 | -0.353 |
| 13 | 7 | Min | -19.1k | -9.76k | -4.94k | -3.33 | -3.51k | -1.38k | -426 | -4.80 | -4.77k | -0.579 | 244 | 0 | -48.4k | -8.22k | -8.16k | -12.1 | -3.17k | -1.18k |
| 13 | 7 | Max | 27.5k | 1.64k | 10.7k | 18.2 | 1.42k | 232 | 93.3 | 22.4 | 5.88k | 2.71 | 618 | 0 | 43.7k | 8.30k | 4.77k | 10.9 | 2.43k | 1.16k |
| 13 | 8 | Min | -79.2k | -25.0k | -24.9k | -32.1 | -9.83k | -3.54k | -1.10k | -40.8 | -18.5k | -4.92 | -243 | 0 | -167k | -30.4k | -24.7k | -42.9 | -10.5k | -4.32k |
| 13 | 8 | Max | 87.7k | 16.9k | 30.6k | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 16 | 4 | Max | -1.69k | 8.52m | 38.5k | -0.652 | -18.6k | 17.3m | -1.69k | 8.52m | -2.32k | -0.652 | 18.5k | -0.15m | -1.69k | 8.52m | -42.4k | -0.652 | -26.6k | -17.3m |
| 16 | 5 | Max | -1.60k | 6.95m | 36.3k | -0.626 | -17.5k | 14.1m | -1.60k | 6.95m | -2.16k | -0.626 | 17.5k | -0.12m | -1.60k | 6.95m | -40.0k | -0.626 | -25.0k | -14.1m |
| 16 | 7 | Min | -2.33k | -0.181 | 35.6k | -1.78 | -22.9k | -0.368 | -2.33k | -0.181 | -5.21k | -1.78 | 16.9k | -3.47m | -2.33k | -0.181 | -45.3k | -1.78 | -34.0k | -0.403 |
| 16 | 7 | Max | -1.05k | 0.198 | 41.4k | 0.476 | -14.2k | 0.403 | -1.05k | 0.198 | 560 | 0.476 | 20.1k | 3.17m | -1.05k | 0.198 | -39.6k | 0.476 | -19.2k | 0.368 |
| 16 | 8 | Min | -4.00k | -0.659 | 28.1k | -4.72 | -34.1k | -1.34 | -4.00k | -0.659 | -12.7k | -4.72 | 12.8k | -11.8m | -4.00k | -0.659 | -52.8k | -4.72 | -53.1k | -1.37 |
| 16 | 8 | Max | 624 | 0.676 | 48.9k | 3.42 | -2.97k | 1.37 | 624 | 0.676 | 8.04k | 3.42 | 24.2k | 11.5m | 624 | 0.676 | -32.1k | 3.42 | -12.6 | 1.34 |
| 17 | 1 | Min | -991 | 18.0 | 34.5k | -14.5 | -20.2k | 21.7 | -991 | 18.0 | 9.23k | -14.5 | 9.93k | 0 | -991 | 18.0 | -16.0k | -14.5 | 4.50k | -25.1 |
| 17 | 1 | Max | -834 | 20.9 | 37.5k | -12.3 | -17.7k | 25.1 | -834 | 20.9 | 11.0k | -12.3 | 10.4k | 0 | -834 | 20.9 | -15.6k | -12.3 | 6.09k | -21.7 |
| 17 | 4 | Max | -985 | 10.6 | 23.6k | -7.20 | -11.3k | 12.8 | -985 | 10.6 | 5.62k | -7.20 | 7.10k | 0 | -985 | 10.6 | -12.4k | -7.20 | 2.23k | -12.8 |
| 17 | 5 | Max | -1.10k | 8.73 | 21.8k | -5.79 | -9.72k | 10.5 | -1.10k | 8.73 | 4.61k | -5.79 | 6.78k | 0 | -1.10k | 8.73 | -12.5k | -5.79 | 1.33k | -10.5 |
| 17 | 7 | Min | -1.68k | 8.85 | 17.8k | -8.00 | -18.1k | 10.6 | -1.68k | 8.85 | -220 | -8.00 | 6.86k | 0 | -1.68k | 8.85 | -18.2k | -8.00 | -5.00k | -14.9 |
| 17 | 7 | Max | -294 | 12.4 | 29.5k | -6.39 | -4.48k | 14.9 | -294 | 12.4 | 11.5k | -6.39 | 7.33k | 0 | -294 | 12.4 | -6.53k | -6.39 | 9.46k | -10.6 |
| 17 | 8 | Min | -3.46k | 4.06 | 2.79k | -9.94 | -35.5k | 4.87 | -3.46k | 4.06 | -15.2k | -9.94 | 6.28k | 0 | -3.46k | 4.06 | -33.2k | -9.94 | -23.6k | -20.7 |
| 17 | 8 | Max | 1.49k | 17.2 | 44.4k | -4.45 | 12.9k | 20.7 | 1.49k | 17.2 | 26.5k | -4.45 | 7.91k | 0 | 1.49k | 17.2 | 8.46k | -4.45 | 28.0k | -4.87 |
| 18 | 1 | Min | 3.43k | -1.10 | 68.7k | -3.76 | -49.5k | -2.38 | 3.43k | -1.10 | 3.70k | -3.76 | 40.5k | -19.3m | 3.43k | -1.10 | -119k | -3.76 | -70.2k | 2.13 |
| 18 | 1 | Max | 3.85k | -0.988 | 76.4k | -3.50 | -44.4k | -2.13 | 3.85k | -0.988 | 4.22k | -3.50 | 45.3k | -17.3m | 3.85k | -0.988 | -106k | -3.50 | -62.6k | 2.38 |
| 18 | 4 | Max | 2.20k | -0.635 | 44.0k | -2.25 | -28.2k | -1.37 | 2.20k | -0.635 | 2.18k | -2.25 | 25.7k | -11.1m | 2.20k | -0.635 | -66.5k | -2.25 | -39.6k | 1.37 |
| 18 | 5 | Max | 1.93k | -0.559 | 38.8k | -2.04 | -24.8k | -1.20 | 1.93k | -0.559 | 1.81k | -2.04 | 22.4k | -9.78m | 1.93k | -0.559 | -57.8k | -2.04 | -34.5k | 1.20 |
| 18 | 7 | Min | 1.42k | -1.49 | 41.8k | -6.20 | -34.1k | -3.21 | 1.42k | -1.49 | -45.3 | -6.20 | 24.6k | -26.1m | 1.42k | -1.49 | -68.8k | -6.20 | -43.4k | -0.481 |
| 18 | 7 | Max | 2.98k | 0.223 | 46.2k | 1.69 | -22.4k | 0.481 | 2.98k | 0.223 | 4.40k | 1.69 | 26.8k | 3.91m | 2.98k | 0.223 | -64.3k | 1.69 | -35.9k | 3.21 |
| 18 | 8 | Min | -642 | -3.80 | 36.0k | -16.2 | -49.4k | -8.18 | -642 | -3.80 | -5.88k | -16.2 | 21.6k | -66.5m | -642 | -3.80 | -74.6k | -16.2 | -53.2k | -5.44 |
| 18 | 8 | Max | 5.04k | 2.53 | 52.1k | 11.7 | -7.09k | 5.44 | 5.04k | 2.53 | 10.2k | 11.7 | 29.7k | 44.3m | 5.04k | 2.53 | -58.5k | 11.7 | -26.0k | 8.18 |
| 19 | 1 | Min | 6.38k | -3.68 | 102k | -8.46 | -63.4k | -7.91 | 6.38k | -3.68 | -11.4k | -8.46 | 36.4k | 0.163 | 6.38k | -3.68 | -83.5k | -8.46 | -67.1k | 7.00 |
| 19 | 1 | Max | 7.12k | -3.26 | 114k | -7.37 | -56.8k | -7.00 | 7.12k | -3.26 | -9.91k | -7.37 | 40.7k | 0.184 | 7.12k | -3.26 | -74.8k | -7.37 | -59.7k | 7.91 |
| 19 | 4 | Max | 4.03k | -1.92 | 64.1k | -4.37 | -36.1k | -4.13 | 4.03k | -1.92 | -6.03k | -4.37 | 23.1k | 96.1m | 4.03k | -1.92 | -47.7k | -4.37 | -37.7k | 4.13 |
| 19 | 5 | Max | 3.52k | -1.61 | 55.8k | -3.62 | -31.7k | -3.46 | 3.52k | -1.61 | -5.07k | -3.62 | 20.2k | 80.5m | 3.52k | -1.61 | -42.0k | -3.62 | -32.8k | 3.46 |
| 19 | 7 | Min | 2.62k | -3.55 | 61.4k | -7.91 | -40.7k | -7.63 | 2.62k | -3.55 | -8.68k | -7.91 | 21.9k | 14.7m | 2.62k | -3.55 | -50.4k | -7.91 | -44.5k | 0.633 |
| 19 | 7 | Max | 5.43k | -0.294 | 66.7k | -0.827 | -31.5k | -0.633 | 5.43k | -0.294 | -3.39k | -0.827 | 24.3k | 0.178 | 5.43k | -0.294 | -45.1k | -0.827 | -31.0k | 7.63 |
| 19 | 8 | Min | -1.09k | -7.88 | 54.5k | -16.8 | -53.0k | -17.0 | -1.09k | -7.88 | -15.7k | -16.8 | 18.8k | -0.202 | -1.09k | -7.88 | -57.4k | -16.8 | -62.3k | -8.68 |
| 19 | 8 | Max | 9.14k | 4.04 | 73.7k | 8.11 | -19.2k | 8.68 | 9.14k | 4.04 | 3.59k | 8.11 | 27.5k | 0.394 | 9.14k | 4.04 | -38.1k | 8.11 | -13.2k | 17.0 |
| 20 | 1 | Min | 25.4k | 6.98k | 4.62k | 22.8 | 1.80k | 845 | -263 | 14.7 | -6.61k | 4.98 | -160 | 0.330 | -1.52k | 140 | -36.9k | 2.76 | -6.78k | -19.3 |
| 20 | 1 | Max | 29.8k | 8.17k | 5.17k | 25.5 | 2.09k | 989 | -262 | 19.0 | -5.99k | 5.65 | -148 | 0.425 | -1.34k | 155 | -32.7k | 3.13 | -6.01k | -17.5 |
| 20 | 4 | Max | 14.0k | 4.50k | 3.12k | 14.1 | 938 | 545 | -194 | 10.1 | -3.94k | 3.07 | -117 | 0.225 | -833 | 84.7 | -20.4k | 1.72 | -3.76k | -10.5 |
| 20 | 5 | Max | 10.9k | 3.85k | 2.80k | 12.2 | 714 | 466 | -193 | 8.18 | -3.53k | 2.62 | -120 | 0.183 | -715 | 73.0 | -17.6k | 1.47 | -3.25k | -9.09 |
| 20 | 7 | Min | -99.7k | -16.7k | -2.38k | -11.8 | -6.76k | -2.03k | -2.28k | -60.9 | -16.4k | 0.683 | -728 | -1.36 | -1.74k | -41.2 | -35.1k | 35.0m | -4.76k | -26.2 |
| 20 | 7 | Max | 128k | 25.7k | 8.61k | 40.1 | 8.64k | 3.12k | 1.89k | 81.0 | 8.53k | 5.45 | 494 | 1.81 | 74.5 | 211 | -5.65k | 3.40 | -2.77k | 5.13 |
| 20 | 8 | Min | -406k | -73.8k | -16.8k | -81.8 | -27.4k | -8.94k | -7.89k | -251 | -49.4k | -5.34 | -2.28k | -5.63 | -4.16k | -371 | -74.1k | -4.35 | -7.41k | -67.3 |
| 20 | 8 | Max | 434k | 82.8k | 23.1k | 110 | 29.3k | 10.0k | 7.50k | 272 | 41.5k | 11.5 | 2.04k | 6.08 | 2.50k | 541 | 33.3k | 7.78 | -120 | 46.2 |
| 21 | 1 | Min | -24.4 | -107 | 1.28k | -6.70 | -1.42k | -15.2 | -491 | -5.47 | -561 | -0.857 | 830 | 0 | -29.1k | 2.09k | -11.8k | 3.68 | -7.34k | -347 |
| 21 | 1 | Max | 89.1 | -104 | 1.73k | -6.19 | -1.28k | -14.8 | -468 | -5.16 | -476 | -0.808 | 993 | 0 | -25.0k | 2.45k | -11.0k | 4.19 | -6.72k | -296 |
| 21 | 4 | Max | 10.4 | -87.2 | 766 | -4.18 | -838 | -12.4 | -321 | -3.02 | -202 | -0.472 | 470 | 0 | -16.0k | 1.16k | -6.82k | 2.08 | -4.09k | -164 |
| 21 | 5 | Max | 38.3 | -88.1 | 553 | -3.84 | -747 | -12.5 | -302 | -2.64 | -157 | -0.414 | 365 | 0 | -13.7k | 902 | -6.08k | 1.69 | -3.59k | -128 |
| 21 | 7 | Min | -3.23k | -798 | -4.79k | -7.68 | -1.63k | -113 | -473 | -13.1 | -7.45k | -2.05 | 299 | 0 | -90.8k | -7.83k | -13.3k | -7.86 | -7.72k | -1.44k |
| 21 | 7 | Max | 3.25k | 624 | 6.32k | -0.679 | -51.2 | 88.4 | -169 | 7.08 | 7.05k | 1.11 | 640 | 0 | 58.7k | 10.1k | -353 | 12.0 | -459 | 1.11k |
| 21 | 8 | Min | -12.0k | -2.71k | -19.5k | -17.0 | -3.66k | -383 | -871 | -39.8 | -26.6k | -6.24 | -149 | 0 | -292k | -32.0k | -30.6k | -34.7 | -17.4k | -4.87k |
| 21 | 8 | Max | 12.0k | 2.53k | 21.0k | 8.67 | 1.98k | 359 | 229 | 33.8 | 26.2k | 5.29 | 1.09k | 0 | 260k | 34.4k | 16.9k | 38.8 | 9.21k | 4.54k |
| 22 | 1 | Min | -447 | -6.76 | 83.9k | -17.7 | -36.6k | -10.8 | -447 | -6.76 | 6.28k | -17.7 | 35.3k | -0.139 | -447 | -6.76 | -56.9k | -17.7 | -4.08k | 9.60 |
| 22 | 1 | Max | -413 | -6.04 | 95.3k | -15.9 | -32.5k | -9.60 | -413 | -6.04 | 6.71k | -15.9 | 40.1k | -0.124 | -413 | -6.04 | -49.5k | -15.9 | -2.79k | 10.8 |
| 22 | 4 | Max | -276 | -3.84 | 51.7k | -9.99 | -20.3k | -6.10 | -276 | -3.84 | 4.31k | -9.99 | 21.8k | -78.7m | -276 | -3.84 | -29.8k | -9.99 | -749 | 6.10 |
| 22 | 5 | Max | -252 | -3.35 | 44.1k | -8.72 | -17.6k | -5.33 | -252 | -3.35 | 4.01k | -8.72 | 18.6k | -68.8m | -252 | -3.35 | -24.9k | -8.72 | 98.4 | 5.34 |
| 22 | 7 | Min | -397 | -4.41 | 45.6k | -12.1 | -27.9k | -7.01 | -397 | -4.41 | -1.77k | -12.1 | 19.8k | -91.0m | -397 | -4.41 | -35.9k | -12.1 | -12.5k | 5.18 |
| 22 | 7 | Max | -155 | -3.26 | 57.7k | -7.86 | -12.7k | -5.18 | -155 | -3.26 | 10.4k | -7.86 | 23.7k | -66.4m | -155 | -3.26 | -23.7k | -7.86 | 11.0k | 7.02 |
| 22 | 8 | Min | -675 | -5.92 | 29.3k | -17.7 | -48.2k | -9.42 | -675 | -5.92 | -18.0k | -17.7 | 14.6k | -0.123 | -675 | -5.92 | -52.1k | -17.7 | -43.8k | 2.78 |
| 22 | 8 | Max | 123 | -1.75 | 74.0k | -2.24 | 7.58k | -2.78 | 123 | -1.75 | 26.6k | -2.24 | 28.9k | -34.2m | 123 | -1.75 | -7.47k | -2.24 | 42.3k | 9.42 |
| 23 | 1 | Min | 7.68k | 15.8 | 49.1k | -5.11 | -31.5k | 15.9 | 7.68k | 15.8 | 17.8k | -5.11 | 5.21k | -36.7m | 7.68k | 15.8 | -28.3k | -5.11 | 1.99k | -22.8 |
| 23 | 1 | Max | 7.73k | 22.5 | 54.2k | -3.69 | -29.4k | 22.8 | 7.73k | 22.5 | 18.3k | -3.69 | 6.12k | -25.7m | 7.73k | 22.5 | -22.9k | -3.69 | 3.47k | -15.9 |
| 23 | 4 | Max | 4.70k | 24.6 | 29.3k | -5.11 | -17.5k | 24.9 | 4.70k | 24.6 | 10.5k | -5.11 | 3.15k | -40.2m | 4.70k | 24.6 | -14.1k | -5.11 | 1.80k | -24.9 |
| 23 | 5 | Max | 4.39k | 25.2 | 25.3k | -5.13 | -15.4k | 25.4 | 4.39k | 25.2 | 9.47k | -5.13 | 2.58k | -41.1m | 4.39k | 25.2 | -11.1k | -5.13 | 2.14k | -25.4 |
| 23 | 7 | Min | 3.77k | 15.8 | 21.8k | -6.49 | -25.5k | 16.0 | 3.77k | 15.8 | 2.98k | -6.49 | 2.66k | -54.6m | 3.77k | 15.8 | -21.6k | -6.49 | -5.29k | -33.8 |
| 23 | 7 | Max | 5.63k | 33.5 | 36.8k | -3.73 | -9.43k | 33.8 | 5.63k | 33.5 | 18.0k | -3.73 | 3.63k | -25.8m | 5.63k | 33.5 | -6.61k | -3.73 | 8.89k | -16.0 |
| 23 | 8 | Min | 1.33k | -7.75 | 1.68k | -10.2 | -47.2k | -7.83 | 1.33k | -7.75 | -17.2k | -10.2 | 1.36k | -93.0m | 1.33k | -7.75 | -41.8k | -10.2 | -24.4k | -57.6 |
| 23 | 8 | Max | 8.06k | 57.0 | 57.0k | -17.9m | 12.2k | 57.6 | 8.06k | 57.0 | 38.1k | -17.9m | 4.94k | 12.6m | 8.06k | 57.0 | 13.5k | -17.9m | 28.0k | 7.83 |
| 24 | 1 | Min | 6.82k | -68.8 | 17.6k | 11.5 | -8.36k | -83.3 | 6.82k | -68.8 | -2.38k | 11.5 | 5.60k | 3.01 | 6.82k | -68.8 | -38.7k | 11.5 | -17.4k | 72.8 |
| 24 | 1 | Max | 6.87k | -60.2 | 20.2k | 13.1 | -7.10k | -72.8 | 6.87k | -60.2 | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 26 | 7 | Min | 13.7k | -36.5 | 3.81k | -0.666 | -3.16k | -28.1 | 13.7k | -36.5 | -14.2k | -0.666 | 2.59k | -83.1m | 13.7k | -36.5 | -32.3k | -0.666 | -14.6k | -11.5 |
| 26 | 7 | Max | 23.6k | 14.9 | 16.6k | 2.15 | 7.28k | 11.5 | 23.6k | 14.9 | -1.44k | 2.15 | 3.35k | 33.9m | 23.6k | 14.9 | -19.5k | 2.15 | -5.44k | 28.1 |
| 26 | 8 | Min | 496 | -103 | -12.7k | -4.22 | -16.6k | -79.1 | 496 | -103 | -30.7k | -4.22 | 1.63k | -0.234 | 496 | -103 | -48.8k | -4.22 | -26.6k | -62.4 |
| 26 | 8 | Max | 36.7k | 81.1 | 33.1k | 5.70 | 20.8k | 62.4 | 36.7k | 81.1 | 15.1k | 5.70 | 4.31k | 0.185 | 36.7k | 81.1 | -3.04k | 5.70 | 6.49k | 79.1 |
| 27 | 1 | Min | -3.73k | -11.0 | 37.5k | 2.81 | -15.2k | -18.7 | -3.73k | -11.0 | -4.28k | 2.81 | 15.5k | -16.5m | -3.73k | -11.0 | -51.7k | 2.81 | -29.9k | 16.4 |
| 27 | 1 | Max | -3.34k | -9.66 | 43.1k | 3.28 | -13.0k | -16.4 | -3.34k | -9.66 | -3.86k | 3.28 | 17.7k | -14.5m | -3.34k | -9.66 | -45.2k | 3.28 | -26.3k | 18.7 |
| 27 | 4 | Max | -2.13k | -5.95 | 22.5k | 1.59 | -7.55k | -10.1 | -2.13k | -5.95 | -2.50k | 1.59 | 9.40k | -8.96m | -2.13k | -5.95 | -27.5k | 1.59 | -16.1k | 10.1 |
| 27 | 5 | Max | -1.87k | -5.07 | 18.7k | 1.27 | -6.09k | -8.62 | -1.87k | -5.07 | -2.22k | 1.27 | 7.92k | -7.64m | -1.87k | -5.07 | -23.2k | 1.27 | -13.7k | 8.62 |
| 27 | 7 | Min | -2.72k | -7.69 | 20.5k | 0.829 | -11.0k | -13.1 | -2.72k | -7.69 | -4.42k | 0.829 | 9.22k | -11.6m | -2.72k | -7.69 | -29.4k | 0.829 | -19.2k | 7.14 |
| 27 | 7 | Max | -1.54k | -4.20 | 24.4k | 2.35 | -4.14k | -7.14 | -1.54k | -4.20 | -5.73 | 2.35 | 9.59k | -6.33m | -1.54k | -4.20 | -25.6k | 2.35 | -12.9k | 13.1 |
| 27 | 8 | Min | -4.22k | -12.4 | 15.4k | -1.15 | -20.1k | -21.0 | -4.22k | -12.4 | -9.60k | -1.15 | 8.74k | -18.6m | -4.22k | -12.4 | -34.6k | -1.15 | -27.7k | -0.783 |
| 27 | 8 | Max | -42.0 | 0.461 | 29.6k | 4.34 | 5.03k | 0.784 | -42.0 | 0.461 | 4.61k | 4.34 | 10.1k | 0.69m | -42.0 | 0.461 | -20.4k | 4.34 | -4.45k | 21.0 |
| 28 | 1 | Min | 2.39k | -1.07 | 93.2k | -7.94 | -83.1k | -2.76 | 2.39k | -1.07 | -3.00k | -7.94 | 39.3k | -21.4m | 2.39k | -1.07 | -54.9k | -7.94 | -46.6k | 2.71 |
| 28 | 1 | Max | 2.80k | -1.05 | 104k | -7.26 | -76.5k | -2.71 | 2.80k | -1.05 | -1.46k | -7.26 | 44.3k | -21.0m | 2.80k | -1.05 | -47.9k | -7.26 | -38.6k | 2.76 |
| 28 | 4 | Max | 1.39k | -0.651 | 57.5k | -4.45 | -46.8k | -1.68 | 1.39k | -0.651 | -1.26k | -4.45 | 24.3k | -13.0m | 1.39k | -0.651 | -30.9k | -4.45 | -25.8k | 1.68 |
| 28 | 5 | Max | 1.12k | -0.590 | 49.8k | -3.85 | -41.1k | -1.52 | 1.12k | -0.590 | -737 | -3.85 | 20.9k | -11.8m | 1.12k | -0.590 | -26.8k | -3.85 | -21.8k | 1.52 |
| 28 | 7 | Min | 865 | -0.963 | 55.4k | -5.12 | -52.4k | -2.49 | 865 | -0.963 | -3.41k | -5.12 | 24.1k | -19.3m | 865 | -0.963 | -33.0k | -5.12 | -31.3k | 0.874 |
| 28 | 7 | Max | 1.92k | -0.339 | 59.7k | -3.77 | -41.2k | -0.874 | 1.92k | -0.339 | 891 | -3.77 | 24.4k | -6.77m | 1.92k | -0.339 | -28.7k | -3.77 | -20.3k | 2.49 |
| 28 | 8 | Min | -529 | -1.80 | 49.7k | -6.74 | -67.1k | -4.65 | -529 | -1.80 | -9.08k | -6.74 | 23.8k | -36.0m | -529 | -1.80 | -38.7k | -6.74 | -45.8k | -1.29 |
| 28 | 8 | Max | 3.31k | 0.500 | 65.4k | -2.15 | -26.4k | 1.29 | 3.31k | 0.500 | 6.56k | -2.15 | 24.8k | 9.99m | 3.31k | 0.500 | -23.1k | -2.15 | -5.84k | 4.65 |
| 29 | 1 | Min | 24.7k | -96.5 | 7.82k | 2.81 | -195 | -61.5 | 24.7k | -96.5 | -5.63k | 2.81 | 866 | -3.14 | 24.7k | -96.5 | -25.8k | 2.81 | -9.26k | 53.5 |
| 29 | 1 | Max | 27.1k | -83.9 | 8.54k | 3.37 | -45.3 | -53.5 | 27.1k | -83.9 | -4.88k | 3.37 | 1.03k | -2.73 | 27.1k | -83.9 | -22.8k | 3.37 | -8.21k | 61.5 |
| 29 | 4 | Max | 15.9k | -49.4 | 5.10k | 1.63 | -234 | -31.5 | 15.9k | -49.4 | -2.99k | 1.63 | 509 | -1.60 | 15.9k | -49.4 | -14.3k | 1.63 | -5.17k | 31.5 |
| 29 | 5 | Max | 14.2k | -40.7 | 4.60k | 1.29 | -311 | -25.9 | 14.2k | -40.7 | -2.51k | 1.29 | 406 | -1.32 | 14.2k | -40.7 | -12.4k | 1.29 | -4.48k | 25.9 |
| 29 | 7 | Min | 12.8k | -67.1 | 3.01k | 0.553 | -1.54k | -42.8 | 12.8k | -67.1 | -5.08k | 0.553 | 370 | -2.18 | 12.8k | -67.1 | -16.4k | 0.553 | -6.53k | 20.1 |
| 29 | 7 | Max | 19.1k | -31.6 | 7.19k | 2.71 | 1.07k | -20.1 | 19.1k | -31.6 | -905 | 2.71 | 648 | -1.03 | 19.1k | -31.6 | -12.2k | 2.71 | -3.80k | 42.8 |
| 29 | 8 | Min | 4.50k | -114 | -2.33k | -2.20 | -4.86k | -72.8 | 4.50k | -114 | -10.4k | -2.20 | 21.7 | -3.71 | 4.50k | -114 | -21.8k | -2.20 | -10.0k | -9.82 |
| 29 | 8 | Max | 27.4k | 15.4 | 12.5k | 5.47 | 4.39k | 9.82 | 27.4k | 15.4 | 4.44k | 5.47 | 996 | 0.501 | 27.4k | 15.4 | -6.89k | 5.47 | -305 | 72.8 |
| 30 | 1 | Min | 9.89k | 0.681 | 84.5k | 3.97 | -57.4k | 1.55 | 9.89k | 0.681 | -975 | 3.97 | 48.9k | 0.54m | 9.89k | 0.681 | -97.9k | 3.97 | -62.0k | -1.88 |
| 30 | 1 | Max | 11.4k | 0.829 | 95.9k | 4.14 | -51.2k | 1.88 | 11.4k | 0.829 | -593 | 4.14 | 56.0k | 0.66m | 11.4k | 0.829 | -85.7k | 4.14 | -54.0k | -1.55 |
| 30 | 4 | Max | 5.89k | 0.648 | 52.0k | 2.75 | -32.0k | 1.47 | 5.89k | 0.648 | -178 | 2.75 | 29.7k | 0.52m | 5.89k | 0.648 | -52.4k | 2.75 | -32.9k | -1.47 |
| 30 | 5 | Max | 4.87k | 0.705 | 44.3k | 2.69 | -27.8k | 1.60 | 4.87k | 0.705 | 34.8 | 2.69 | 25.0k | 0.56m | 4.87k | 0.705 | -44.3k | 2.69 | -27.7k | -1.60 |
| 30 | 7 | Min | 5.54k | 0.265 | 48.4k | 1.79 | -40.5k | 0.600 | 5.54k | 0.265 | -3.70k | 1.79 | 28.8k | 0.21m | 5.54k | 0.265 | -55.9k | 1.79 | -40.5k | -2.34 |
| 30 | 7 | Max | 6.24k | 1.03 | 55.5k | 3.70 | -23.5k | 2.34 | 6.24k | 1.03 | 3.34k | 3.70 | 30.6k | 0.82m | 6.24k | 1.03 | -48.8k | 3.70 | -25.4k | -0.600 |
| 30 | 8 | Min | 4.68k | -0.686 | 39.2k | -0.713 | -62.9k | -1.56 | 4.68k | -0.686 | -13.0k | -0.713 | 26.5k | -0.55m | 4.68k | -0.686 | -65.1k | -0.713 | -60.3k | -4.50 |
| 30 | 8 | Max | 7.10k | 1.98 | 64.8k | 6.20 | -1.16k | 4.50 | 7.10k | 1.98 | 12.6k | 6.20 | 33.0k | 1.58m | 7.10k | 1.98 | -39.6k | 6.20 | -5.55k | 1.56 |
| 31 | 1 | Min | 11.0k | 3.39k | -904 | 3.03 | 205 | 423 | -397 | 1.12 | -703 | 22.8m | 23.6 | -0.993 | -5.92k | 4.48k | -4.68k | 15.9 | -2.07k | -617 |
| 31 | 1 | Max | 11.6k | 3.45k | -824 | 3.04 | 254 | 431 | -373 | 2.01 | -685 | 52.3m | 38.3 | -0.554 | -5.40k | 4.94k | -4.29k | 17.5 | -1.88k | -559 |
| 31 | 4 | Max | 5.96k | 2.01k | -90.8 | 1.80 | 28.8 | 251 | -231 | 1.79 | -637 | 51.0m | -8.57 | -0.882 | -3.55k | 2.91k | -3.05k | 10.3 | -1.27k | -364 |
| 31 | 5 | Max | 5.31k | 1.83k | 56.1 | 1.67 | -4.52 | 228 | -204 | 2.16 | -652 | 64.2m | -8.95 | -1.07 | -3.21k | 2.60k | -2.84k | 9.23 | -1.15k | -325 |
| 31 | 7 | Min | -26.2k | -10.4k | -5.46k | -14.8 | -657 | -1.30k | -625 | -29.5 | -2.27k | -1.04 | -884 | -16.3 | -4.51k | 1.74k | -5.12k | 6.53 | -1.49k | -510 |
| 31 | 7 | Max | 38.1k | 14.5k | 5.28k | 18.4 | 714 | 1.80k | 163 | 33.1 | 994 | 1.14 | 867 | 14.6 | -2.60k | 4.08k | -988 | 14.1 | -1.05k | -218 |
| 31 | 8 | Min | -109k | -43.8k | -19.5k | -59.2 | -2.40k | -5.47k | -1.66k | -110 | -6.35k | -3.86 | -3.08k | -56.1 | -6.98k | -1.33k | -10.4k | -3.44 | -2.07k | -893 |
| 31 | 8 | Max | 121k | 47.8k | 19.3k | 62.8 | 2.46k | 5.97k | 1.19k | 114 | 5.08k | 3.96 | 3.07k | 54.3 | -130 | 7.15k | 4.27k | 24.1 | -466 | 166 |
| 32 | 1 | Min | -1.62k | 10.1k | 34.3k | 448 | -12.1k | 4.10k | -1.62k | 10.1k | 29.4k | 448 | -1.88k | 931 | -1.62k | 10.1k | 21.1k | 448 | 10.8k | -4.15k |
| 32 | 1 | Max | -1.45k | 10.2k | 35.3k | 452 | -11.8k | 4.15k | -1.45k | 10.2k | 29.8k | 452 | -1.73k | 941 | -1.45k | 10.2k | 21.7k | 452 | 11.0k | -4.10k |
| 32 | 4 | Max | -518 | 7.80k | 24.2k | 347 | -8.12k | 3.18k | -518 | 7.80k | 21.1k | 347 | -974 | 722 | -518 | 7.80k | 16.2k | 347 | 8.37k | -3.18k |
| 32 | 5 | Max | -399 | 7.78k | 23.3k | 346 | -7.74k | 3.17k | -399 | 7.78k | 20.6k | 346 | -825 | 720 | -399 | 7.78k | 16.3k | 346 | 8.41k | -3.17k |
| 32 | 7 | Min | -5.02k | 7.00k | 19.3k | 320 | -9.99k | 2.85k | -5.02k | 7.00k | 16.2k | 320 | -1.81k | 648 | -5.02k | 7.00k | 11.3k | 320 | 5.84k | -3.51k |
| 32 | 7 | Max | 3.98k | 8.61k | 29.2k | 373 | -6.25k | 3.51k | 3.98k | 8.61k | 26.1k | 373 | -141 | 796 | 3.98k | 8.61k | 21.2k | 373 | 10.9k | -2.85k |
| 32 | 8 | Min | -16.5k | 4.93k | 7.23k | 254 | -14.7k | 2.01k | -16.5k | 4.93k | 4.14k | 254 | -4.02k | 456 | -16.5k | 4.93k | -769 | 254 | -356 | -4.35k |
| 32 | 8 | Max | 15.4k | 10.7k | 41.2k | 440 | -1.55k | 4.35k | 15.4k | 10.7k | 38.1k | 440 | 2.07k | 987 | 15.4k | 10.7k | 33.2k | 440 | 17.1k | -2.01k |
| 33 | 1 | Min | 16.5k | -487 | -4.98k | -67.3 | 10.1k | -292 | 16.5k | -487 | -14.8k | -67.3 | 4.33k | 0 | 16.5k | -487 | -24.4k | -67.3 | -7.40k | 245 |
| 33 | 1 | Max | 16.7k | -408 | -4.33k | -60.4 | 10.2k | -245 | 16.7k | -408 | -14.3k | -60.4 | 4.48k | 0 | 16.7k | -408 | -22.9k | -60.4 | -6.94k | 292 |
| 33 | 4 | Max | 11.1k | -309 | -3.82k | -46.3 | 6.94k | -185 | 11.1k | -309 | -9.70k | -46.3 | 2.89k | 0 | 11.1k | -309 | -15.2k | -46.3 | -4.65k | 185 |
| 33 | 5 | Max | 10.6k | -279 | -4.06k | -43.7 | 6.69k | -167 | 10.6k | -279 | -9.20k | -43.7 | 2.72k | 0 | 10.6k | -279 | -14.0k | -43.7 | -4.30k | 167 |
| 33 | 7 | Min | 5.25k | -918 | -9.88k | -99.0 | 2.04k | -551 | 5.25k | -918 | -15.8k | -99.0 | 1.59k | 0 | 5.25k | -918 | -21.2k | -99.0 | -7.16k | -180 |
| 33 | 7 | Max | 17.0k | 299 | 2.25k | 6.44 | 11.8k | 180 | 17.0k | 299 | -3.64k | 6.44 | 4.19k | 0 | 17.0k | 299 | -9.11k | 6.44 | -2.14k | 551 |
| 33 | 8 | Min | -9.94k | -2.49k | -25.7k | -235 | -10.8k | -1.49k | -9.94k | -2.49k | -31.6k | -235 | -1.79k | 0 | -9.94k | -2.49k | -37.1k | -235 | -13.6k | -1.12k |
| 33 | 8 | Max | 32.2k | 1.87k | 18.1k | 143 | 24.6k | 1.12k | 32.2k | 1.87k | 12.2k | 143 | 7.56k | 0 | 32.2k | 1.87k | 6.72k | 143 | 4.30k | 1.49k |
| 34 | 1 | Min | -33.5k | -7.28k | -19.0k | -394 | 5.93k | -2.97k | -33.5k | -7.28k | -24.3k | -394 | -4.73k | 649 | -33.5k | -7.28k | -26.2k | -394 | -12.7k | 2.86k |
| 34 | 1 | Max | -32.4k | -7.02k | -18.2k | -393 | 6.19k | -2.86k | -32.4k | -7.02k | -22.9k | -393 | -4.44k | 673 | -32.4k | -7.02k | -24.8k | -393 | -12.0k | 2.97k |
| 34 | 4 | Max | -21.3k | -5.86k | -11.8k | -302 | 3.70k | -2.39k | -21.3k | -5.86k | -14.9k | -302 | -3.05k | 542 | -21.3k | -5.86k | -16.2k | -302 | -7.96k | 2.39k |
| 34 | 5 | Max | -19.9k | -6.02k | -11.0k | - | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----|-------|--------|------|--------|-------|--------|-------|--------|------|--------|-------|--------|------|--------|--------|--------|-------|--------|------|
| 36 | 8 Min | -6.26k | -645 | -64.3k | -3.08 | -9.09k | -80.7 | -6.26k | -645 | -73.9k | -3.08 | -9.94k | -119 | -24.9k | -6.18k | -65.1k | -11.9 | -14.5k | -634 |
| 36 | 8 Max | 3.21k | 949 | 37.7k | 8.85 | 7.73k | 119 | 3.21k | 949 | 28.1k | 8.85 | -486 | 80.6 | 33.0k | 5.08k | 23.2k | 16.7 | 1.91k | 773 |

Sollecitazioni combinazioni Shell pareti piano 3

| Parete | | Zona | | | min.Lastra | | | min.Piastra | | | | | max.Lastra | | | max.Piastra | | | | |
|--------|----|-----------|------|-------|------------|------------|-------------|--------------------|--------------------|---------------------|----------------------|----------------------|------------|------------|-------------|--------------------|--------------------|---------------------|----------------------|----------------------|
| Piano | N° | Fam. Cmb. | Filo | Piano | σx [N/mm²] | σy [N/mm²] | τxy [N/mm²] | m _x [N] | m _y [N] | m _{xy} [N] | v _x [N/m] | v _y [N/m] | σx [N/mm²] | σy [N/mm²] | τxy [N/mm²] | m _x [N] | m _y [N] | m _{xy} [N] | v _x [N/m] | v _y [N/m] |
| 3 | 1 | 1 | 10 | 3 | -44.0m | -0.525 | -85.0m | -13.9k | -1.24k | -4.44k | -9.72k | 130 | 30.8m | -0.358 | 22.3m | 3.57k | 15.9k | 2.45k | 136k | 83.9k |
| 3 | 1 | 7 | 10 | 3 | -0.692 | -0.495 | -0.278 | -7.59k | -752 | -2.45k | -5.44k | 146 | 0.675 | -0.122 | 0.233 | 24.2k | 29.3k | 5.44k | 313k | 178k |
| 3 | 1 | 8 | 10 | 3 | -2.54 | -0.944 | -0.880 | -7.59k | -752 | -2.45k | -5.44k | 146 | 2.52 | 0.294 | 0.812 | 110k | 82.4k | 20.0k | 950k | 523k |
| 3 | 1 | 1 | 36 | 3 | -31.5m | -0.846 | -0.187 | -2.84k | -5.14k | -2.05k | -14.8k | -7.10k | 0.222 | -0.185 | -56.7m | 4.12k | -1.29k | 778 | 36.8k | 2.92k |
| 3 | 1 | 7 | 36 | 3 | -0.177 | -0.605 | -0.304 | -1.66k | -2.76k | -1.14k | -9.45k | -4.05k | 0.289 | -5.66m | 0.177 | 5.65k | -508 | 1.08k | 49.5k | 4.78k |
| 3 | 1 | 8 | 36 | 3 | -0.737 | -0.992 | -0.932 | -1.66k | -2.76k | -1.14k | -9.45k | -4.05k | 0.868 | 0.350 | 0.805 | 15.2k | 3.44k | 2.58k | 127k | 15.1k |
| 3 | 1 | 1 | 36 | 2 | -17.1m | -0.837 | -0.130 | 119 | 1.75k | -2.17k | -14.0k | -9.67k | 0.210 | -0.585 | 95.4μ | 9.62k | 7.15k | 197 | 70.0k | -660 |
| 3 | 1 | 7 | 36 | 2 | -25.2m | -0.882 | -0.202 | 60.3 | 1.07k | -1.19k | -7.72k | -5.25k | 0.146 | -82.9m | 0.165 | 8.24k | 4.79k | 319 | 62.2k | 1.10k |
| 3 | 1 | 8 | 36 | 2 | -62.4m | -1.86 | -0.636 | 60.3 | 1.07k | -1.19k | -7.72k | -5.25k | 0.239 | 0.856 | 0.590 | 16.0k | 7.30k | 1.30k | 124k | 5.15k |
| 3 | 1 | 1 | 10 | 2 | -0.113 | -0.473 | -0.170 | -20.0k | -26.8k | -4.82k | -18.3k | -4.75k | 16.7m | -0.281 | -38.1m | 1.41k | 1.15k | 2.64k | 139k | 142k |
| 3 | 1 | 7 | 10 | 2 | -0.721 | -0.935 | -0.390 | -11.0k | -14.8k | -2.69k | -9.92k | -2.76k | 0.703 | 0.369 | 0.302 | 21.7k | 14.8k | 7.10k | 279k | 219k |
| 3 | 1 | 8 | 10 | 2 | -2.65 | -2.70 | -1.24 | -11.0k | -14.8k | -2.69k | -9.92k | -2.76k | 2.63 | 2.13 | 1.14 | 109k | 94.2k | 22.4k | 821k | 600k |
| 3 | 1 | 1 | - | - | -83.9m | -0.753 | -0.159 | -2.38k | -3.39k | -2.54k | -963 | -5.19k | 0.170 | -0.240 | 8.16m | 1.24k | 3.32k | 982 | 13.0k | 823 |
| 3 | 1 | 7 | - | - | -0.132 | -0.728 | -0.331 | -1.33k | -1.79k | -1.42k | -551 | -2.89k | 0.164 | 91.0m | 0.280 | 1.28k | 2.06k | 842 | 14.3k | 2.72k |
| 3 | 1 | 8 | - | - | -0.339 | -1.56 | -1.12 | -1.33k | -1.79k | -1.42k | -551 | -2.89k | 0.345 | 0.852 | 1.07 | 5.32k | 5.81k | 3.44k | 33.4k | 10.8k |
| 3 | 2 | 1 | 5 | 3 | -43.5m | -0.368 | 13.5m | -3.82k | -8.44k | -1.63k | -74.6k | -33.3k | 89.0m | -0.223 | 99.6m | 7.82k | 741 | 1.39k | 5.43k | 416 |
| 3 | 2 | 7 | 5 | 3 | -0.257 | -0.327 | -0.129 | -2.20k | -4.84k | -957 | -42.7k | -19.1k | 0.344 | -0.113 | 0.203 | 25.2k | 11.7k | 7.34k | 147k | 62.2k |
| 3 | 2 | 8 | 5 | 3 | -1.01 | -0.539 | -0.516 | -2.20k | -4.84k | -957 | -42.7k | -19.1k | 1.10 | 73.5m | 0.607 | 81.1k | 56.2k | 29.7k | 660k | 276k |
| 3 | 2 | 1 | 12 | 3 | -41.9m | -0.410 | -0.120 | -6.71k | -12.4k | -6.81k | -25.2k | -28.0k | 15.1m | -0.216 | -12.2m | 25.0k | -318 | 1.30k | 220k | 2.88k |
| 3 | 2 | 7 | 12 | 3 | -55.4m | -0.316 | -0.128 | -3.95k | -7.30k | -4.02k | -14.9k | -16.5k | 18.3m | -0.121 | 0.114 | 19.7k | 988 | 941 | 172k | 3.39k |
| 3 | 2 | 8 | 12 | 3 | -0.123 | -0.503 | -0.435 | -3.95k | -7.30k | -4.02k | -14.9k | -16.5k | 66.0m | 39.4m | 0.421 | 33.0k | 4.08k | 2.23k | 283k | 7.79k |
| 3 | 2 | 1 | 12 | 2 | -68.1m | -0.435 | -38.3m | -4.32k | 321 | -8.17k | -24.7k | -71.4k | 28.7m | -0.300 | 63.9m | 26.8k | 20.0k | 1.02k | 178k | 8.26k |
| 3 | 2 | 7 | 12 | 2 | -67.8m | -0.465 | -98.1m | -2.56k | 194 | -4.82k | -14.6k | -42.1k | 60.2m | -92.9m | 0.179 | 19.0k | 15.3k | 928 | 126k | 6.91k |
| 3 | 2 | 8 | 12 | 2 | -0.224 | -0.857 | -0.440 | -2.56k | 194 | -4.82k | -14.6k | -42.1k | 0.218 | 0.281 | 0.520 | 27.2k | 24.7k | 3.54k | 180k | 23.6k |
| 3 | 2 | 1 | 5 | 2 | -68.8m | -0.541 | -65.8m | -2.10k | -699 | -1.45k | -53.4k | -1.02k | 94.8m | -0.413 | 50.0m | 7.38k | 1.22k | 984 | 693 | 5.91k |
| 3 | 2 | 7 | 5 | 2 | -0.244 | -0.552 | -0.194 | -1.24k | -398 | -847 | -31.1k | -559 | 0.342 | -0.151 | 0.163 | 24.5k | 14.6k | 7.05k | 134k | 75.8k |
| 3 | 2 | 8 | 5 | 2 | -0.980 | -1.06 | -0.607 | -1.24k | -398 | -847 | -31.1k | -559 | 1.08 | 0.349 | 0.544 | 79.2k | 52.5k | 28.3k | 580k | 273k |
| 3 | 2 | 1 | - | - | -73.7m | -0.444 | -77.8m | -491 | -2.01k | -509 | -1.43k | -5.95k | 3.29m | -0.192 | 71.6m | 1.24k | 1.57k | 1.37k | 1.65k | 1.59k |
| 3 | 2 | 7 | - | - | -62.8m | -0.435 | -0.248 | -296 | -1.19k | -296 | -839 | -3.49k | 10.3m | -89.9m | 0.251 | 1.06k | 1.35k | 999 | 2.79k | 2.22k |
| 3 | 2 | 8 | - | - | -0.115 | -0.878 | -0.819 | -296 | -1.19k | -296 | -839 | -3.49k | 55.4m | 0.351 | 0.815 | 2.28k | 4.57k | 2.11k | 10.8k | 6.18k |
| 3 | 3 | 1 | 5 | 3 | 2.73m | -0.386 | -0.121 | -2.37k | -5.03k | -1.23k | -666 | -25.4k | 0.169 | -0.252 | -77.6m | -14.6 | 395 | 549 | 11.5k | 7.53k |
| 3 | 3 | 7 | 5 | 3 | -0.224 | -0.331 | -0.167 | -1.43k | -3.41k | -749 | -481 | -17.5k | 0.414 | -89.1m | 68.6m | 6.43k | 5.79k | 2.53k | 60.5k | 31.1k |
| 3 | 3 | 8 | 5 | 3 | -1.08 | -0.547 | -0.474 | -1.43k | -3.41k | -749 | -481 | -17.5k | 1.27 | 0.123 | 0.374 | 27.2k | 24.6k | 11.3k | 198k | 153k |
| 3 | 3 | 1 | 6 | 3 | -61.8m | -0.703 | -96.3m | -2.58k | -6.09k | -1.72k | -5.87k | -11.1k | 0.548 | -0.430 | 0.131 | 8.96k | -1.07k | 1.26k | 71.1k | -1.89k |
| 3 | 3 | 7 | 6 | 3 | -0.106 | -0.514 | -0.125 | -1.53k | -3.70k | -1.07k | -3.64k | -6.66k | 0.339 | -0.165 | 0.101 | 9.08k | -613 | 1.19k | 69.4k | 2.58k |
| 3 | 3 | 8 | 6 | 3 | -0.302 | -0.919 | -0.319 | -1.53k | -3.70k | -1.07k | -3.64k | -6.66k | 0.403 | 0.202 | 0.236 | 18.7k | 5.84k | 2.93k | 139k | 19.7k |
| 3 | 3 | 1 | 6 | 2 | 5.11m | -0.596 | -0.394 | -2.35k | 2.09k | -4.48k | -22.2k | -28.5k | 0.747 | -6.55m | -14.7m | 18.3k | 11.7k | 357 | 116k | -37.0 |
| 3 | 3 | 7 | 6 | 2 | 0.25m | -0.707 | -0.251 | -1.39k | 1.33k | -2.66k | -13.2k | -17.0k | 0.454 | 0.368 | 50.6m | 13.9k | 8.03k | 539 | 90.2k | 548 |
| 3 | 3 | 8 | 6 | 2 | -28.7m | -1.58 | -0.326 | -1.39k | 1.33k | -2.66k | -13.2k | -17.0k | 0.497 | 1.44 | 0.202 | 22.2k | 10.7k | 1.50k | 147k | 4.27k |
| 3 | 3 | 1 | 5 | 2 | 7.30m | -0.535 | -76.7m | -4.06k | -505 | -3.02k | -2.06k | -21.6k | 0.122 | -0.458 | -32.0m | 576 | 3.46k | 342 | 33.7k | -72.6 |
| 3 | 3 | 7 | 5 | 2 | -0.191 | -0.593 | -0.153 | -2.20k | -268 | -1.73k | -1.24k | -13.1k | 0.322 | -0.118 | 98.5m | 10.1k | 6.29k | 2.53k | 81.5k | 4.66k |
| 3 | 3 | 8 | 5 | 2 | -0.883 | -1.22 | -0.477 | -2.20k | -268 | -1.73k | -1.24k | -13.1k | 1.01 | 0.509 | 0.425 | 42.5k | 16.9k | 9.88k | 247k | 22.2k |
| 3 | 3 | 1 | - | - | -14.8m | -0.560 | -0.121 | -1.23k | -2.57k | -3.74k | -1.32k | -4.69k | 0.157 | -0.377 | -20.5m | 843 | 4.21k | 881 | 28.0k | 386 |
| 3 | 3 | 7 | - | - | -26.3m | -0.603 | -0.161 | -705 | -1.61k | -2.19k | -797 | -2.81k | 98.6m | -26.1m | 68.1m | 551 | 2.75k | 843 | 24.6k | 1.67k |
| 3 | 3 | 8 | - | - | -93.9m | -1.25 | -0.427 | -705 | -1.61k | -2.19k | -797 | -2.81k | 0.152 | 0.654 | 0.333 | 2.30k | 3.45k | 4.35k | 53.3k | 7.34k |
| 3 | 4 | 1 | 31 | 3 | -46.2m | -0.613 | -0.168 | -16.9k | -27.7k | -11.8k | -48.5k | -66.1k | 0.121 | -0.294 | -43.6m | 67.3k | -812 | 8.36k | 508k | 29.8k |
| 3 | 4 | 7 | 31 | 3 | -0.137 | -0.511 | -0.179 | -10.2k | -16.6k | -7.14k | -29.4k | -39.9k | 0.261 | -0.111 | 0.102 | 45.4k | 5.12k | 9.81k | 338k | 62.2k |
| 3 | 4 | 8 | 31 | 3 | -0.646 | -0.903 | -0.503 | -10.2k | -16.6k | -7.14k | -29.4k | -39.9k | 0.765 | 0.287 | 0.446 | 57.9k | 28.7k | 22.5k | 421k | 179k |
| 3 | 4 | 1 | 30 | 3 | -88.3m | -0.394 | 29.8m | -1.04k | -4.23k | -882 | -21.2k | -24.3k | -18.0m | -0.297 | 0.105 | 2.34k | 726 | 969 | 2.66k | 1.45k |
| 3 | 4 | 7 | 30 | 3 | -0.359 | -0.342 | -0.147 | -797 | -1.94k | -484 | -11.4k | -11.2k | 0.261 | -0.127 | 0.236 | 18.7k | 15.5k | 6.45k | 144k | 64.2k |
| 3 | 4 | 8 | 30 | 3 | -1.16 | -0.577 | -0.648 | -797 | -1.94k | -484 | -11.4k | -11.2k | 1.06 | 0.127 | 0.736 | 65.3k | 58.7k | 24.2k | 563k | 239k |
| 3 | 4 | 1 | 30 | 2 | -0.182 | -0.617 | -37.4m | -471 | -560 | -567 | -12.5k | -1.76k | 19.7m | -0.453 | 82.3m | 2.24k | 929 | 631 | -350 | 4.20k |
| 3 | 4 | 7 | 30 | 2 | -0.418 | -0. | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|-------|--------|-------|-------|--------|
| 3 | 5 | 8 | - | - | -0.142 | -1.65 | -0.891 | -563 | -883 | -88.7 | -1.47k | -451 | 0.134 | 0.953 | 0.969 | 5.30k | 5.08k | 5.13k | 18.8k | 9.21k |
| 3 | 6 | 1 | 36 | 3 | -43.4m | -0.820 | -0.131 | -8.65k | -6.44k | -1.27k | -10.3k | -10.1k | 0.153 | -0.695 | -32.5m | -269 | -1.35k | 720 | 60.4k | -2.35k |
| 3 | 6 | 7 | 36 | 3 | -98.5m | -0.605 | -0.174 | -4.74k | -3.41k | -697 | -5.66k | -5.41k | 0.113 | -0.307 | 63.2m | -125 | -546 | 666 | 62.9k | 792 |
| 3 | 6 | 8 | 36 | 3 | -0.326 | -0.992 | -0.446 | -4.74k | -3.41k | -697 | -5.66k | -5.41k | 0.305 | 80.7m | 0.335 | 5.56k | 2.98k | 1.49k | 141k | 10.1k |
| 3 | 6 | 1 | 15 | 3 | -0.120 | -1.03 | -95.2m | -1.44k | -6.17k | -1.32k | -7.48k | -10.6k | 0.405 | -0.765 | 93.9m | 8.96k | -1.45k | 769 | 81.5k | -1.29k |
| 3 | 6 | 7 | 15 | 3 | -0.179 | -0.707 | -0.131 | -797 | -3.26k | -726 | -4.21k | -5.66k | 0.247 | -0.359 | 97.4m | 8.30k | -566 | 863 | 72.1k | 2.29k |
| 3 | 6 | 8 | 15 | 3 | -0.467 | -1.16 | -0.379 | -797 | -3.26k | -726 | -4.21k | -5.66k | 0.337 | 91.8m | 0.317 | 17.1k | 1.98k | 2.03k | 144k | 9.29k |
| 3 | 6 | 1 | 15 | 2 | 7.13m | -0.746 | -0.277 | -1.76k | 1.96k | -2.69k | -18.4k | -23.0k | 0.518 | -0.414 | -84.2m | 13.3k | 9.56k | 422 | 95.0k | -4.29k |
| 3 | 6 | 7 | 15 | 2 | 0.25m | -0.820 | -0.191 | -971 | 1.20k | -1.47k | -10.1k | -12.5k | 0.309 | 0.153 | 3.68m | 10.3k | 6.42k | 676 | 76.0k | -2.01k |
| 3 | 6 | 8 | 15 | 2 | -0.116 | -1.95 | -0.317 | -971 | 1.20k | -1.47k | -10.1k | -12.5k | 0.438 | 1.34 | 0.154 | 18.2k | 9.82k | 1.94k | 138k | 9.15k |
| 3 | 6 | 1 | 36 | 2 | 23.3m | -0.829 | -0.131 | -9.25k | 1.85k | -2.36k | -14.0k | -4.03k | 0.257 | -0.662 | -34.5m | 1.22k | 6.09k | 335 | 83.7k | 8.08k |
| 3 | 6 | 7 | 36 | 2 | 11.9m | -0.888 | -0.157 | -5.13k | 1.13k | -1.31k | -7.71k | -2.13k | 0.176 | -0.101 | 43.1m | 752 | 3.76k | 315 | 70.6k | 7.84k |
| 3 | 6 | 8 | 36 | 2 | -36.9m | -1.89 | -0.391 | -5.13k | 1.13k | -1.31k | -7.71k | -2.13k | 0.284 | 0.894 | 0.255 | 2.74k | 5.07k | 890 | 134k | 16.3k |
| 3 | 6 | 1 | - | - | -55.2m | -0.869 | -0.133 | -2.49k | -6.39k | -2.43k | -16.2k | -8.83k | 0.336 | -0.650 | -60.8m | 898 | 6.59k | 1.06k | 89.4k | -1.95k |
| 3 | 6 | 7 | - | - | -0.121 | -0.887 | -0.168 | -1.35k | -3.38k | -1.34k | -8.90k | -4.72k | 0.206 | -80.2m | 43.5m | 593 | 4.20k | 854 | 73.3k | 727 |
| 3 | 6 | 8 | - | - | -0.364 | -1.90 | -0.425 | -1.35k | -3.38k | -1.34k | -8.90k | -4.72k | 0.331 | 0.916 | 0.282 | 887 | 5.94k | 1.55k | 142k | 15.1k |
| 3 | 7 | 1 | 4 | 3 | -28.0m | -0.528 | 4.57m | -10.8k | -2.23k | -4.96k | -6.98k | -2.59k | 43.9m | -0.267 | 0.104 | 9.03k | 10.2k | 4.58k | 276k | 16.8k |
| 3 | 7 | 7 | 4 | 3 | -0.368 | -0.493 | -54.1m | -6.53k | -1.54k | -3.00k | -4.27k | -1.64k | 0.335 | 18.0m | 96.3m | 6.74k | 11.8k | 4.09k | 205k | 34.8k |
| 3 | 7 | 8 | 4 | 3 | -1.30 | -1.12 | -0.223 | -6.53k | -1.54k | -3.00k | -4.27k | -1.64k | 1.27 | 0.622 | 0.243 | 11.5k | 30.9k | 11.0k | 308k | 107k |
| 3 | 7 | 1 | 11 | 3 | -68.1m | -0.644 | -79.5m | -2.34k | -5.73k | -1.98k | -492 | -24.7k | 0.499 | -0.295 | 0.122 | 5.45k | 386 | 1.38k | 46.5k | -242 |
| 3 | 7 | 7 | 11 | 3 | -0.281 | -0.580 | -0.188 | -1.48k | -3.74k | -1.15k | -371 | -15.9k | 0.474 | -26.2m | 0.180 | 8.78k | 8.96k | 2.49k | 69.6k | 91.0k |
| 3 | 7 | 8 | 11 | 3 | -1.09 | -1.16 | -0.554 | -1.48k | -3.74k | -1.15k | -371 | -15.9k | 1.15 | 0.527 | 0.464 | 23.9k | 34.2k | 10.9k | 181k | 355k |
| 3 | 7 | 1 | 11 | 2 | 9.27m | -0.712 | -0.104 | -1.37k | -335 | -1.83k | -2.28k | -54.8k | 0.430 | -0.397 | 66.8m | 7.32k | 11.0k | 1.48k | 67.8k | -74.3 |
| 3 | 7 | 7 | 11 | 2 | -0.425 | -0.973 | -0.364 | -805 | -188 | -1.07k | -1.42k | -34.2k | 0.446 | 0.329 | 0.379 | 9.10k | 15.5k | 2.21k | 78.5k | 18.9k |
| 3 | 7 | 8 | 11 | 2 | -1.58 | -2.49 | -1.35 | -805 | -188 | -1.07k | -1.42k | -34.2k | 1.59 | 1.92 | 1.36 | 21.1k | 38.4k | 7.94k | 177k | 122k |
| 3 | 7 | 1 | 4 | 2 | -49.7m | -0.627 | -0.98m | -35.3k | -31.2k | -7.30k | -7.38k | -512 | 63.9m | -0.319 | 76.6m | 3.98k | 25.9 | 6.03k | 240k | 41.5k |
| 3 | 7 | 7 | 4 | 2 | -0.516 | -0.849 | -0.316 | -21.1k | -18.5k | -4.38k | -4.30k | -476 | 0.452 | 0.318 | 0.358 | 3.03k | 1.93k | 6.05k | 184k | 58.1k |
| 3 | 7 | 8 | 4 | 2 | -1.80 | -2.37 | -1.21 | -21.1k | -18.5k | -4.38k | -4.30k | -476 | 1.73 | 1.83 | 1.26 | 8.93k | 26.0k | 12.5k | 293k | 148k |
| 3 | 7 | 1 | - | - | -56.1m | -0.687 | -78.6m | -317 | -2.05k | -898 | -1.73k | -1.70k | 55.3m | -41.4m | 53.3m | 3.30k | 1.67k | 1.14k | 5.34k | 4.99k |
| 3 | 7 | 7 | - | - | -0.561 | -1.10 | -0.551 | -279 | -1.17k | -571 | -1.04k | -1.26k | 0.584 | 0.454 | 0.556 | 4.02k | 3.48k | 1.47k | 6.42k | 5.77k |
| 3 | 7 | 8 | - | - | -2.08 | -3.13 | -1.99 | -279 | -1.17k | -571 | -1.04k | -1.26k | 2.10 | 2.49 | 2.00 | 8.96k | 10.2k | 3.60k | 14.4k | 13.9k |
| 3 | 9 | 1 | 30 | 3 | -8.76m | -0.391 | 96.4m | -1.11k | -556 | -2.37k | -7.09k | -2.51k | 72.1m | -0.290 | 0.121 | 5.15k | 7.52k | 620 | 29.1k | 41.5k |
| 3 | 9 | 7 | 30 | 3 | -66.3m | -0.360 | -67.1m | -827 | -392 | -1.55k | -5.03k | -1.42k | 0.128 | -0.124 | 0.204 | 8.06k | 10.6k | 2.57k | 54.6k | 55.2k |
| 3 | 9 | 8 | 30 | 3 | -0.302 | -0.638 | -0.428 | -827 | -392 | -1.55k | -5.03k | -1.42k | 0.375 | 0.128 | 0.565 | 20.8k | 26.0k | 11.0k | 151k | 131k |
| 3 | 9 | 1 | 27 | 3 | -82.9m | -0.709 | 13.1m | -59.8k | -2.13k | -10.1k | -26.5k | -64.4k | 0.352 | -0.333 | 0.169 | 21.3k | 31.0k | 10.8k | 431k | 94.1k |
| 3 | 9 | 7 | 27 | 3 | -0.174 | -0.577 | -7.27m | -38.4k | -1.24k | -6.56k | -17.1k | -40.9k | 0.327 | -0.101 | 0.143 | 16.0k | 24.6k | 11.0k | 308k | 85.1k |
| 3 | 9 | 8 | 27 | 3 | -0.507 | -1.03 | -0.210 | -38.4k | -1.24k | -6.56k | -17.1k | -40.9k | 0.780 | 0.360 | 0.346 | 22.1k | 36.7k | 21.8k | 388k | 150k |
| 3 | 9 | 1 | 27 | 2 | 9.03m | -0.507 | 84.9m | -64.7k | -28.9k | -13.0k | -59.0k | -4.79k | 0.435 | 16.4m | 0.328 | 11.0k | -3.23k | 5.83k | 412k | 83.4k |
| 3 | 9 | 7 | 27 | 2 | 2.47m | -0.687 | -18.3m | -41.3k | -18.7k | -8.32k | -37.6k | -3.27k | 0.372 | 0.335 | 0.239 | 8.26k | -1.74k | 7.13k | 286k | 90.7k |
| 3 | 9 | 8 | 27 | 2 | -0.435 | -1.59 | -0.223 | -41.3k | -18.7k | -8.32k | -37.6k | -3.27k | 0.799 | 1.39 | 0.388 | 11.5k | 7.41k | 16.2k | 344k | 187k |
| 3 | 9 | 1 | 30 | 2 | 12.4m | -0.577 | 73.9m | -242 | -1.59k | -2.14k | -4.72k | -2.17k | 37.9m | -0.451 | 0.112 | 3.42k | 322 | 355 | 28.9k | 5.97k |
| 3 | 9 | 7 | 30 | 2 | -0.107 | -0.567 | -81.4m | -166 | -1.02k | -1.32k | -3.08k | -575 | 0.135 | -0.137 | 0.203 | 9.59k | 10.7k | 2.47k | 59.2k | 78.7k |
| 3 | 9 | 8 | 30 | 2 | -0.431 | -1.12 | -0.454 | -166 | -1.02k | -1.32k | -3.08k | -575 | 0.460 | 0.419 | 0.577 | 29.8k | 39.8k | 9.94k | 178k | 285k |
| 3 | 9 | 1 | - | - | -25.3m | -0.510 | 59.7m | -417 | -6.79k | -9.85k | -15.7k | -22.4k | 0.106 | -0.348 | 0.133 | 8.70k | 7.85k | 2.08k | 81.8k | 9.37k |
| 3 | 9 | 7 | - | - | -38.0m | -0.623 | -75.3m | -253 | -4.30k | -6.30k | -10.1k | -14.3k | 79.5m | 10.5m | 0.205 | 5.75k | 5.44k | 1.87k | 55.1k | 7.73k |
| 3 | 9 | 8 | - | - | -0.146 | -1.41 | -0.448 | -253 | -4.30k | -6.30k | -10.1k | -14.3k | 0.154 | 0.748 | 0.576 | 6.14k | 6.44k | 3.32k | 62.1k | 12.4k |

Piano 7. Inviluppo Sollecitazioni Pilastri

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|------|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | Cmb. | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 23 | 1 | Min | -56.9k | 11.9k | -13.8k | -32.6 | 6.88k | 13.4k | -58.7k | 11.9k | -13.8k | -32.6 | 1.43k | 8.69k | -62.6k | 11.9k | -13.8k | -32.6 | -11.0k | -1.99k |
| 23 | 1 | Max | -53.7k | 12.4k | -13.6k | -30.9 | 6.95k | 14.1k | -55.5k | 12.4k | -13.6k | -30.9 | 1.46k | 9.13k | -59.4k | 12.4k | -13.6k | -30.9 | -10.7k | -1.99k |
| 23 | 4 | Max | -37.8k | 7.56k | -10.2k | -21.7 | 5.26k | 8.75k | -39.1k | 7.56k | -10.2k | -21.7 | 1.17k | 5.73k | -42.2k | 7.56k | -10.2k | -21.7 | -8.05k | -1.07k |
| 23 | 5 | Max | -35.7k | 6.98k | -10.1k | -20.6 | 5.23k | 8.12k | -37.0k | 6.98k | -10.1k | -20.6 | 1.19k | 5.32k | -40.0k | 6.98k | -10.1k | -20.6 | -7.91k | -959 |
| 23 | 7 | Min | -42.2k | 3.91k | -13.3k | -36.7 | 3.16k | 5.79k | -43.6k | 3.91k | -13.3k | -36.7 | 276 | 4.14k | -46.6k | 3.91k | -13.3k | -36.7 | -9.91k | -2.90k |
| 23 | 7 | Max | -33.4k | 11.2k | -7.20k | -6.77 | 7.36k | 11.7k | -34.7k | 11.2k | -7.20k | -6.77 | 2.06k | 7.32k | -37.7k | 11.2k | -7.20k | -6.77 | -6.18k | 748 |
| 23 | 8 | Min | -52.7k | -5.24k | -20.8k | -73.5 | -2.01k | -1.59k | -54.0k | -5.24k | -20.8k | -73.5 | -1.89k | 172 | -57.1k | -5.24k | -20.8k | -73.5 | -14.6k | -7.48k |
| 23 | 8 | Max | -22.9k | 20.4k | 332 | 30.0 | 12.5k | 19.1k | -24.2k | 20.4k | 332 | 30.0 | 4.22k | 11.3k | -27.3k | 20.4k | 332 | 30.0 | -1.53k | 5.33k |
| 24 | 1 | Min | -88.7k | 16.3k | -10.7k | -52.1 | 7.92k | -1.89k | -91.0k | 16.3k | -10.7k | -52.1 | 4.01k | -8.67k | -96.1k | 16.3k | -10.7k | -52.1 | -5.39k | -23.9k |
| 24 | 1 | Max | -86.3k | 16.9k | -9.78k | -49.3 | 8.54k | -1.61k | -88.5k | 16.9k | -9.78k | -49.3 | 4.25k | -8.13k | -93.6k | 16.9k | -9.78k | -49.3 | -4.79k | -22.8k |
| 24 | 4 | Max | -55.0k | 11.2k | -8.82k | -34.7 | 6.66k | -1.10k | -56.8k | 11.2k | -8.82k | -34.7 | 3.13k | -5.57k | -60.7k | 11.2k | -8.82k | -34.7 | -4.81k | -15.6k |
| 24 | 5 | Max | -51.3k | 10.6k | -9.32k | -32.8 | 6.92k | -960 | -53.0k | 10.6k | -9.32k | -32.8 | 3.19k | -5.19k | -56.9k | 10.6k | -9.32k | -32.8 | -5.20k | -14.7k |
| 24 | 7 | Min | -64.9k | 7.10k | -10.9k | -58.5 | 4.91k | -4.43k | -66.6k | 7.10k | -10.9k | -58.5 | 2.19k | -7.29k | -70.6k | 7.10k | -10.9k | -58.5 | -6.01k | -17.6k |
| 24 | 7 | Max | -45.2k | 15.2k | -6.72k | -10.8 | 8.41k | 2.23k | -46.9k | 15.2k | -6.72k | -10.8 | 4.07k | -3.85k | -50.8k | 15.2k | -6.72k | -10.8 | -3.61k | -13.6k |
| 24 | 8 | Min | -90.3k | -2.83k | -16.3k | -117 | 566 | -12.7k | -92.0k | -2.83k | -16.3k | -117 | -78.4 | -11.6k | -95.9k | -2.83k | -16.3k | -117 | -9.06k | -22.5k |
| 24 | 8 | Max | -19.8k | 25.2k | -1.37k | 47.9 | 12.8k | 10.5k | -21.5k | 25.2k | -1.37k | 47.9 | 6.34k | 467 | -25.5k | 25.2k | -1.37k | 47.9 | -551 | -8.77k |
| 28 | 1 | Min | -27.8k | 1.49k | -4.88k | -13.5 | 2.65k | 3.27k | -29.0k | 1.49k | -4.88k | -13.5 | 734 | 2.67k | -31.7k | 1.49k | -4.88k | -13.5 | -3.66k | 1.33k |
| 28 | 1 | Max | -25.8k | 1.61k | -4.79k | -12.8 | 2.69k | 3.55k | -27.0k | 1.61k | -4.79k | -12.8 | 738 | 2.90k | -29.7k | 1.61k | -4.79k | -12.8 | -3.58k | 1.45k |
| 28 | 4 | Max | -17.5k | 416 | -3.62k | -9.02 | 2.02k | 1.70k | -18.4k | 416 | -3.62k | -9.02 | 575 | 1.53k | -20.5k | 416 | -3.62k | -9.02 | -2.68k | 1.15k |
| 28 | 5 | Max | -16.2k | 184 | -3.57k | -8.54 | 2.00k | 1.38k | -17.1k | 184 | -3.57k | -8.54 | 576 | 1.31k | -19.1k | 184 | -3.57k | -8.54 | -2.63k | 1.14k |
| 28 | 7 | Min | -19.2k | -3.12k | -4.71k | -15.2 | 1.22k | -1.30k | -20.1k | -3.12k | -4.71k | -15.2 | 210 | -63.9 | -22.1k | -3.12k | -4.71k | -15.2 | -3.30k | -466 |
| 28 | 7 | Max | -15.9k | 3.95k | -2.52k | -2.81 | 2.82k | 4.69k | -16.8k | 3.95k | -2.52k | -2.81 | 939 | 3.12k | -18.8k | 3.95k | -2.52k | -2.81 | -2.06k | 2.77k |
| 28 | 8 | Min | -23.3k | -12.0k | -7.44k | -30.5 | -783 | -8.87k | -24.2k | -12.0k | -7.44k | -30.5 | -703 | -4.12k | -26.3k | -12.0k | -7.44k | -30.5 | -4.86k | -4.48k |
| 28 | 8 | Max | -11.8k | 12.8k | 208 | 12.5 | 4.83k | 12.3k | -12.7k | 12.8k | 208 | 12.5 | 1.85k | 7.18k | -14.7k | 12.8k | 208 | 12.5 | -504 | 6.78k |
| 29 | 1 | Min | -28.4k | -5.79k | -1.80k | -13.5 | 1.16k | -5.88k | -29.5k | -5.79k | -1.80k | -13.5 | 468 | -3.57k | -32.2k | -5.79k | -1.80k | -13.5 | -1.12k | 1.49k |
| 29 | 1 | Max | -26.3k | -5.17k | -1.73k | -12.8 | 1.21k | -5.23k | -27.5k | -5.17k | -1.73k | -12.8 | 496 | -3.16k | -30.2k | -5.17k | -1.73k | -12.8 | -1.09k | 1.64k |
| 29 | 4 | Max | -18.0k | -3.88k | -1.46k | -9.02 | 977 | -3.78k | -18.9k | -3.88k | -1.46k | -9.02 | 394 | -2.23k | -21.0k | -3.88k | -1.46k | -9.02 | -919 | 1.26k |
| 29 | 5 | Max | -16.7k | -3.62k | -1.50k | -8.54 | 1.01k | -3.47k | -17.6k | -3.62k | -1.50k | -8.54 | 407 | -2.02k | -19.6k | -3.62k | -1.50k | -8.54 | -944 | 1.24k |
| 29 | 7 | Min | -20.6k | -7.44k | -1.90k | -15.2 | 669 | -6.80k | -21.5k | -7.44k | -1.90k | -15.2 | 258 | -3.83k | -23.5k | -7.44k | -1.90k | -15.2 | -1.19k | -360 |
| 29 | 7 | Max | -15.5k | -318 | -1.02k | -2.81 | 1.28k | -759 | -16.4k | -318 | -1.02k | -2.81 | 530 | -628 | -18.4k | -318 | -1.02k | -2.81 | -644 | 2.88k |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|
| 29 | 8 | Min | -26.9k | -16.4k | -3.01k | -30.5 | -81.9 | -14.4k | -27.8k | -16.4k | -3.01k | -30.5 | -61.1 | -7.89k | -29.8k | -16.4k | -3.01k | -30.5 | -1.90k | -4.37k |
| 29 | 8 | Max | -9.15k | 8.60k | 90.5 | 12.5 | 2.04k | 6.85k | -10.1k | 8.60k | 90.5 | 12.5 | 848 | 3.43k | -12.1k | 8.60k | 90.5 | 12.5 | 60.3 | 6.89k |

Piano 7. Inviluppo Sollecitazioni Travi

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|------|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | Cmb. | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | 443 | 0.318 | 14.6k | 2.32 | -6.52k | 0.451 | 443 | 0.318 | 378 | 2.32 | 4.70k | 0 | 443 | 0.318 | -15.4k | 2.32 | -5.40k | -0.468 |
| 1 | 1 | Max | 492 | 0.331 | 16.2k | 2.41 | -5.89k | 0.468 | 492 | 0.331 | 395 | 2.41 | 5.23k | 0 | 492 | 0.331 | -13.8k | 2.41 | -4.82k | -0.451 |
| 1 | 4 | Max | 285 | 0.219 | 9.52k | 1.60 | -3.97k | 0.309 | 285 | 0.219 | 367 | 1.60 | 3.03k | 0 | 285 | 0.219 | -8.78k | 1.60 | -2.93k | -0.309 |
| 1 | 5 | Max | 252 | 0.207 | 8.48k | 1.52 | -3.59k | 0.293 | 252 | 0.207 | 381 | 1.52 | 2.68k | 0 | 252 | 0.207 | -7.71k | 1.52 | -2.51k | -0.293 |
| 1 | 7 | Min | 274 | 0.103 | 7.65k | 0.771 | -6.61k | 0.146 | 274 | 0.103 | -1.50k | 0.771 | 3.02k | 0 | 274 | 0.103 | -10.7k | 0.771 | -5.57k | -0.472 |
| 1 | 7 | Max | 296 | 0.334 | 11.4k | 2.43 | -1.32k | 0.472 | 296 | 0.334 | 2.24k | 2.43 | 3.04k | 0 | 296 | 0.334 | -6.92k | 2.43 | -281 | -0.146 |
| 1 | 8 | Min | 247 | -0.192 | 2.83k | -1.33 | -13.4k | -0.271 | 247 | -0.192 | -6.32k | -1.33 | 3.00k | 0 | 247 | -0.192 | -15.5k | -1.33 | -12.4k | -0.890 |
| 1 | 8 | Max | 323 | 0.629 | 16.2k | 4.54 | 5.50k | 0.890 | 323 | 0.629 | 7.06k | 4.54 | 3.06k | 0 | 323 | 0.629 | -2.10k | 4.54 | 6.54k | 0.271 |
| 2 | 1 | Min | -30.8k | -11.4k | 17.0k | -429 | -1.96k | -4.63k | -30.8k | -11.4k | 13.7k | -429 | 3.56k | -1.05k | -30.8k | -11.4k | 8.33k | -429 | 9.06k | 4.54k |
| 2 | 1 | Max | -28.8k | -11.1k | 19.4k | -420 | -1.28k | -4.54k | -28.8k | -11.1k | 15.7k | -420 | 3.57k | -1.03k | -28.8k | -11.1k | 9.81k | -420 | 9.95k | 4.63k |
| 2 | 4 | Max | -20.1k | -8.61k | 12.9k | -327 | -1.79k | -3.51k | -20.1k | -8.61k | 10.7k | -327 | 1.92k | -797 | -20.1k | -8.61k | 7.21k | -327 | 6.40k | 3.51k |
| 2 | 5 | Max | -18.9k | -8.55k | 11.9k | -325 | -1.74k | -3.48k | -18.9k | -8.55k | 9.97k | -325 | 1.71k | -790 | -18.9k | -8.55k | 6.86k | -325 | 5.92k | 3.48k |
| 2 | 7 | Min | -28.0k | -9.46k | 1.37k | -378 | -8.12k | -3.86k | -28.0k | -9.46k | -825 | -378 | -810 | -875 | -28.0k | -9.46k | -4.30k | -378 | 3.28k | 3.17k |
| 2 | 7 | Max | -12.3k | -7.77k | 24.4k | -277 | 4.54k | -3.17k | -12.3k | -7.77k | 22.2k | -277 | 4.66k | -718 | -12.3k | -7.77k | 18.7k | -277 | 9.52k | 3.86k |
| 2 | 8 | Min | -48.0k | -11.6k | -28.8k | -510 | -24.7k | -4.73k | -48.0k | -11.6k | -30.9k | -510 | -7.92k | -1.07k | -48.0k | -11.6k | -34.4k | -510 | -4.89k | 2.29k |
| 2 | 8 | Max | 7.70k | -5.61k | 54.5k | -145 | 21.1k | -2.29k | 7.70k | -5.61k | 52.3k | -145 | 11.8k | -519 | 7.70k | -5.61k | 48.8k | -145 | 17.7k | 4.73k |
| 3 | 1 | Min | 30.2k | -111 | 6.84k | -8.69 | 4.30k | -66.8 | 30.2k | -111 | 27.8 | -8.69 | 6.48k | 0 | 30.2k | -111 | -7.06k | -8.69 | 4.77k | 6.09 |
| 3 | 1 | Max | 32.0k | -10.1 | 7.11k | -0.792 | 4.74k | -6.09 | 32.0k | -10.1 | 430 | -0.792 | 6.88k | 0 | 32.0k | -10.1 | -5.98k | -0.792 | 4.82k | 66.8 |
| 3 | 4 | Max | 20.5k | -59.1 | 5.63k | -4.61 | 2.24k | -35.4 | 20.5k | -59.1 | 1.46k | -4.61 | 4.37k | 0 | 20.5k | -59.1 | -2.72k | -4.61 | 3.99k | 35.4 |
| 3 | 5 | Max | 19.1k | -89.8 | 5.62k | -7.02 | 1.81k | -53.9 | 19.1k | -89.8 | 1.89k | -7.02 | 4.07k | 0 | 19.1k | -89.8 | -1.83k | -7.02 | 4.08k | 53.9 |
| 3 | 7 | Min | 15.2k | -630 | 260 | -49.2 | -597 | -378 | 15.2k | -630 | -3.92k | -49.2 | 3.35k | 0 | 15.2k | -630 | -8.09k | -49.2 | 105 | -307 |
| 3 | 7 | Max | 25.8k | 512 | 11.0k | 40.0 | 5.09k | 307 | 25.8k | 512 | 6.83k | 40.0 | 5.39k | 0 | 25.8k | 512 | 2.65k | 40.0 | 7.88k | 378 |
| 3 | 8 | Min | 1.58k | -2.11k | -13.5k | -164 | -7.74k | -1.26k | 1.58k | -2.11k | -17.7k | -164 | 723 | 0 | 1.58k | -2.11k | -21.9k | -164 | -10.0k | -1.19k |
| 3 | 8 | Max | 39.3k | 1.99k | 24.8k | 155 | 12.2k | 1.19k | 39.3k | 1.99k | 20.6k | 155 | 8.02k | 0 | 39.3k | 1.99k | 16.4k | 155 | 18.0k | 1.26k |
| 4 | 1 | Min | -28.0k | 11.4k | -34.1k | 456 | 14.3k | 4.64k | -28.0k | 11.4k | -40.0k | 456 | -3.20k | -1.06k | -28.0k | 11.4k | -43.7k | 456 | -16.4k | -4.67k |
| 4 | 1 | Max | -26.8k | 11.5k | -32.2k | 458 | 15.3k | 4.67k | -26.8k | 11.5k | -37.5k | 458 | -3.11k | -1.05k | -26.8k | 11.5k | -40.9k | 458 | -15.5k | -4.64k |
| 4 | 4 | Max | -17.2k | 8.81k | -22.7k | 352 | 10.4k | 3.59k | -17.2k | 8.81k | -26.2k | 352 | -1.85k | -815 | -17.2k | 8.81k | -28.4k | 352 | -10.4k | -3.59k |
| 4 | 5 | Max | -15.9k | 8.83k | -21.5k | 352 | 9.85k | 3.60k | -15.9k | 8.83k | -24.6k | 352 | -1.68k | -817 | -15.9k | 8.83k | -26.6k | 352 | -9.73k | -3.60k |
| 4 | 7 | Min | -25.2k | 8.04k | -27.0k | 336 | 8.77k | 3.28k | -25.2k | 8.04k | -30.5k | 336 | -3.39k | -885 | -25.2k | 8.04k | -32.7k | 336 | -13.0k | -3.90k |
| 4 | 7 | Max | -9.27k | 9.57k | -18.4k | 367 | 12.0k | 3.90k | -9.27k | 9.57k | -21.9k | 367 | -301 | -744 | -9.27k | 9.57k | -24.1k | 367 | -7.94k | -3.28k |
| 4 | 8 | Min | -46.0k | 6.07k | -37.6k | 300 | 4.84k | 2.47k | -46.0k | 6.07k | -41.1k | 300 | -7.32k | -1.07k | -46.0k | 6.07k | -43.3k | 300 | -19.2k | -4.71k |
| 4 | 8 | Max | 11.6k | 11.5k | -7.84k | 404 | 15.9k | 4.71k | 11.6k | 11.5k | -11.3k | 404 | 3.63k | -562 | 11.6k | 11.5k | -13.5k | 404 | -1.66k | -2.47k |
| 5 | 1 | Min | -1.28k | 354 | 3.02k | -2.44 | -1.34k | 239 | -1.28k | 354 | 1.25k | -2.44 | 237 | -10.7 | -1.28k | 354 | -492 | -2.44 | 513 | -240 |
| 5 | 1 | Max | -1.22k | 356 | 3.23k | -2.42 | -1.27k | 240 | -1.22k | 356 | 1.29k | -2.42 | 257 | -10.6 | -1.22k | 356 | -363 | -2.42 | 524 | -239 |
| 5 | 4 | Max | -923 | 268 | 2.14k | -1.84 | -936 | 181 | -923 | 268 | 975 | -1.84 | 161 | -8.05 | -923 | 268 | -87.4 | -1.84 | 447 | -181 |
| 5 | 5 | Max | -898 | 268 | 2.01k | -1.84 | -902 | 181 | -898 | 268 | 967 | -1.84 | 148 | -8.04 | -898 | 268 | 12.0 | -1.84 | 463 | -181 |
| 5 | 7 | Min | -1.53k | 147 | 1.54k | -2.68 | -1.34k | 99.4 | -1.53k | 147 | 376 | -2.68 | 139 | -11.7 | -1.53k | 147 | -686 | -2.68 | 39.4 | -263 |
| 5 | 7 | Max | -313 | 389 | 2.73k | -1.01 | -536 | 263 | -313 | 389 | 1.57k | -1.01 | 182 | -4.42 | -313 | 389 | 511 | -1.01 | 854 | -99.4 |
| 5 | 8 | Min | -3.09k | -166 | 1.77 | -4.83 | -2.36k | -112 | -3.09k | -166 | -1.16k | -4.83 | 84.3 | -21.1 | -3.09k | -166 | -2.22k | -4.83 | -1.01k | -474 |
| 5 | 8 | Max | 1.24k | 703 | 4.27k | 1.15 | 493 | 474 | 1.24k | 703 | 3.11k | 1.15 | 237 | 4.99 | 1.24k | 703 | 2.05k | 1.15 | 1.90k | 112 |
| 6 | 1 | Min | 2.12k | -1.14k | 726 | 6.15 | 274 | -793 | 2.12k | -1.14k | -1.03k | 6.15 | 198 | -8.53 | 2.12k | -1.14k | -2.97k | 6.15 | -1.19k | 773 |
| 6 | 1 | Max | 2.21k | -1.11k | 872 | 6.25 | 294 | -773 | 2.21k | -1.11k | -1.00k | 6.25 | 219 | -8.31 | 2.21k | -1.11k | -2.77k | 6.25 | -1.13k | 793 |
| 6 | 4 | Max | 1.38k | -753 | 416 | 4.23 | 235 | -525 | 1.38k | -753 | -720 | 4.23 | 130 | -5.64 | 1.38k | -753 | -1.88k | 4.23 | -787 | 525 |
| 6 | 5 | Max | 1.33k | -717 | 324 | 4.07 | 246 | -500 | 1.33k | -717 | -698 | 4.07 | 117 | -5.38 | 1.33k | -717 | -1.74k | 4.07 | -743 | 500 |
| 6 | 7 | Min | 138 | -889 | -110 | 3.43 | -131 | -620 | 138 | -889 | -1.25k | 3.43 | 125 | -6.67 | 138 | -889 | -2.41k | 3.43 | -1.15k | 430 |
| 6 | 7 | Max | 2.61k | -616 | 943 | 5.02 | 601 | -430 | 2.61k | -616 | -194 | 5.02 | 136 | -4.62 | 2.61k | -616 | -1.35k | 5.02 | -419 | 620 |
| 6 | 8 | Min | -3.11k | -1.23k | -1.49k | 1.46 | -1.09k | -860 | -3.11k | -1.23k | -2.63k | 1.46 | 110 | -9.25 | -3.11k | -1.23k | -3.79k | 1.46 | -2.12k | 190 |
| 6 | 8 | Max | 5.86k | -272 | 2.33k | 7.00 | 1.56k | -190 | 5.86k | -272 | 1.19k | 7.00 | 151 | -2.04 | 5.86k | -272 | 27.8 | 7.00 | 548 | 860 |
| 7 | 1 | Min | -37.5k | -4.81k | 12.1k | 13.4 | -1.27k | -8.68k | -31.4k | -4.81k | -604 | 13.4 | 10.7k | 1.16k | -25.3k | -4.81k | -13.3k | 13.4 | -3.79k | 9.39k |
| 7 | 1 | Max | -35.4k | -3.94k | 12.1k | 13.8 | -1.24k | -7.07k | -29.4k | -3.94k | -579 | 13.8 | 10.8k | 1.37k | -23.3k | -3.94k | -13.3k | 13.8 | -3.66k | 11.4k |
| 7 | 4 | Max | -26.9k | -2.73k | 9.31k | 9.16 | -942 | -4.95k | -22.3k | -2.73k | -449 | 9.16 | 8.31k | 756 | -17.6k | -2.73k | -10.2k | 9.16 | -2.82k | 6.46k |
| 7 | 5 | Max | -26.1k | -2.32k | 9.32k | 8.75 | -930 | -4.21k | -21.5k | -2.32k | -441 | 8.75 | 8.34k | 637 | -16.8k | -2.32k | -10.2k | 8.75 | -2.77k | 5.48k |
| 7 | 7 | Min | -38.3k | -7.39k | 9.12k | 3.95 | -1.04k | -14.2k | -33.6k | -7.39k | -636 | 3.95 | 7.84k | -402 | -29.0k | -7.39k | -10.4k | 3.95 | -2.68k | -3.80k |
| 7 | 7 | Max | -15.6k | 1.93k | 9.50k | 14.4 | -845 | 4.32k | -10.9k | 1.93k | -263 | 14.4 | 8.79k | 1.91k | -6.27k | 1.93k | -10.0k | 14.4 | -1.96k | 16.7k |
| 7 | 8 | Min | -67.5k | -19.6k | 8.65k | -9.45 | -1.28k | -38.6k | -62.8k | -19.6k | -1.11k | -9.45 | 6.62k | -3.11k | -58.2k | -19.6k | -10.9k | -9.45 | -5.89k | -30.6k |
| 7 | 8 | Max | 13.6k | 14.2k | 9.97k | 27.8 | -604 | 28.7k | 18.3k | 14.2k | 213 | 27.8 | 10.0k | 4.62k | 22.9k | 14.2k | -9.55k | 27.8 | 257 | 43.6k |

Piano 4. Inviluppo Sollecitazioni Pilastri

| | | | Sezione iniziale | | | | | | Sezione centrale | | | | | | Sezione finale | | | | | |
|----|-----|-----|------------------|--------|--------|---------|---------|---------|------------------|--------|--------|---------|---------|---------|----------------|--------|--------|---------|---------|---------|
| N° | Fam | | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] | N [N] | Vy [N] | Vz [N] | Mt [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | Min | -84.2k | 5.16k | 11.4k | 1.79 | -23.3k | 7.51k | -88.7k | 5.16k | 11.4k | 1.79 | -9.04k | 2.20k | -96.6k | 5.16k | 11.4k | 1.79 | 14.1k | -9.00k |
| 1 | 1 | Max | -76.9k | 6.61k | 13.9k | 1.84 | -18.1k | 9.71k | -81.4k | 6.61k | 13.9k | 1.84 | -6.38k | 2.90k | -89.3k | 6.61k | 13.9k | 1.84 | 15.9k | -7.08k |
| 1 | 4 | Max | -42.8k | 3.88k | 6.48k | 0.851 | -9.29k | 5.74k | -46.2k | 3.88k | 6.48k | 0.851 | -2.62k | 1.75k | -52.3k | 3.88k | 6.48k | 0.851 | 9.04k | -5.24k |
| 1 | 5 | Max | -40.1k | 3.31k | 6.39k | 0.684 | -9.14k | 4.90k | -43.6k | 3.31k | 6.39k | 0.684 | -2.56k | 1.49k | -49.6k | 3.31k | 6.39k | 0.684 | 8.94k | -4.46k |
| 1 | 7 | Min | -46.5k | 1.04k | 4.79k | -7.55 | -11.9k | 1.47k | -50.0k | 1.04k | 4.79k | -7.55 | -3.50k | 403 | -56.0k | 1.04k | 4.79k | -7.55 | 6.88k | -9.02k |
| 1 | 7 | Max | -39.1k | 6.73k | 8.17k | 9.25 | -6.68k | 10.0k | -42.5k | 6.73k | 8.17k | 9.25 | -1.74k | 3.09k | -48.6k | 6.73k | 8.17k | 9.25 | 11.2k | -1.47k |
| 1 | 8 | Min | -56.4k | -6.57k | 279 | -29.7 | -18.9k | -9.96k | -59.8k | -6.57k | 279 | -29.7 | -5.84k | -3.19k | -65.9k | -6.57k | 279 | -29.7 | 1.10k | -19.1k |
| 1 | 8 | Max | -29.2k | 14.3k | 12.7k | 31.4 | 314 | 21.5k | -32.7k | 14.3k | 12.7k | 31.4 | 601 | 6.68k | -38.7k | 14.3k | 12.7k | 31.4 | 17.0k | 8.64k |
| 2 | 1 | Min | -78.0k | -923 | -4.70k | 1.13 | 7.17k | -1.18k | -81.7k | -923 | -4.70k | 1.13 | 2.69k | -234 | -88.0k | -923 | -4.70k | 1.13 | -5.53k | 1.04k |
| 2 | 1 | Max | -72.3k | -659 | -4.35k | 1.16 | 7.77k | -822 | -76.0k | -659 | -4.35k | 1.16 | 2.93k | -143 | -82.4k | -659 | -4.35k | 1.16 | -5.13k | 1.43k |
| 2 | 4 | Max | -49.4k | -412 | -2.92k | 0.537 | 4.89k | -526 | -52.2k | -412 | -2.92k | 0.537 | 1.88k | -101 | -57.1k | -412 | -2.92k | 0.537 | -3.38k | 640 |
| 2 | 5 | Max | -45.6k | -434 | -2.68k | 0.432 | 4.51k | -562 | -48.4k | -434 | -2.68k | 0.432 | 1.75k | -115 | -53.3k | -434 | -2.68k | 0.432 | -3.08k | 667 |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| 2 | 7 | Min | -50.3k | -3.62k | -2.97k | -4.77 | 4.81k | -5.12k | -53.1k | -3.62k | -2.97k | -4.77 | 1.83k | -1.39k | -58.0k | -3.62k | -2.97k | -4.77 | -3.44k | -3.85k |
| 2 | 7 | Max | -48.5k | 2.80k | -2.88k | 5.84 | 4.98k | 4.07k | -51.3k | 2.80k | -2.88k | 5.84 | 1.93k | 1.19k | -56.2k | 2.80k | -2.88k | 5.84 | -3.32k | 5.13k |
| 2 | 8 | Min | -52.0k | -12.3k | -3.05k | -18.7 | 4.64k | -17.5k | -54.8k | -12.3k | -3.05k | -18.7 | 1.73k | -4.86k | -59.7k | -12.3k | -3.05k | -18.7 | -3.58k | -15.9k |
| 2 | 8 | Max | -46.8k | 11.4k | -2.79k | 19.8 | 5.15k | 16.4k | -49.6k | 11.4k | -2.79k | 19.8 | 2.04k | 4.65k | -54.5k | 11.4k | -2.79k | 19.8 | -3.19k | 17.2k |
| 3 | 1 | Min | -65.5k | -4.41k | -3.99k | 1.13 | 5.99k | -6.53k | -69.1k | -4.41k | -3.99k | 1.13 | 2.21k | -1.99k | -75.5k | -4.41k | -3.99k | 1.13 | -4.80k | 5.53k |
| 3 | 1 | Max | -60.7k | -4.10k | -3.67k | 1.16 | 6.48k | -6.09k | -64.4k | -4.10k | -3.67k | 1.16 | 2.37k | -1.86k | -70.7k | -4.10k | -3.67k | 1.16 | -4.40k | 5.95k |
| 3 | 4 | Max | -41.3k | -2.63k | -2.47k | 0.537 | 4.05k | -3.90k | -44.1k | -2.63k | -2.47k | 0.537 | 1.51k | -1.19k | -49.0k | -2.63k | -2.47k | 0.537 | -2.93k | 3.55k |
| 3 | 5 | Max | -38.1k | -2.38k | -2.26k | 0.432 | 3.73k | -3.53k | -40.9k | -2.38k | -2.26k | 0.432 | 1.40k | -1.08k | -45.8k | -2.38k | -2.26k | 0.432 | -2.66k | 3.20k |
| 3 | 7 | Min | -45.9k | -7.15k | -2.76k | -4.77 | 3.57k | -10.4k | -48.7k | -7.15k | -2.76k | -4.77 | 1.32k | -3.03k | -53.6k | -7.15k | -2.76k | -4.77 | -3.28k | -2.74k |
| 3 | 7 | Max | -36.7k | 1.88k | -2.18k | 5.84 | 4.54k | 2.59k | -39.5k | 1.88k | -2.18k | 5.84 | 1.70k | 652 | -44.4k | 1.88k | -2.18k | 5.84 | -2.59k | 9.83k |
| 3 | 8 | Min | -58.1k | -19.3k | -3.52k | -18.7 | 2.31k | -27.9k | -60.9k | -19.3k | -3.52k | -18.7 | 825 | -7.99k | -65.8k | -19.3k | -3.52k | -18.7 | -4.19k | -19.6k |
| 3 | 8 | Max | -24.5k | 14.0k | -1.42k | 19.8 | 5.80k | 20.0k | -27.3k | 14.0k | -1.42k | 19.8 | 2.20k | 5.61k | -32.2k | 14.0k | -1.42k | 19.8 | -1.67k | 26.7k |
| 4 | 1 | Min | -35.4k | -1.51k | 373 | 98.0 | 843 | -7.14k | -19.1k | -2.39k | -72.8 | 26.3 | -5.84 | -531 | -13.0k | -3.10k | -5.41k | -166 | -2.06k | 5.37k |
| 4 | 1 | Max | -33.0k | -1.41k | 469 | 108 | 1.02k | -6.48k | -18.7k | -2.10k | -61.0 | 28.4 | 9.45 | -385 | -10.4k | -2.80k | -4.99k | -150 | -1.91k | 5.94k |
| 4 | 4 | Max | -20.8k | -764 | 450 | 65.5 | 546 | -4.24k | -12.2k | -1.43k | -40.1 | 16.7 | 5.79 | -368 | -8.97k | -1.87k | -3.22k | -100 | -1.22k | 3.52k |
| 4 | 5 | Max | -18.8k | -699 | 515 | 59.1 | 451 | -3.80k | -11.7k | -1.27k | -33.8 | 15.0 | 2.47 | -329 | -9.73k | -1.69k | -2.91k | -90.3 | -1.09k | 3.14k |
| 4 | 7 | Min | -30.2k | -1.97k | -9.40k | 54.9 | -2.74k | -7.21k | -17.0k | -2.53k | -381 | -2.09 | -242 | -1.03k | -31.8k | -4.44k | -5.06k | -144 | -2.61k | 370 |
| 4 | 7 | Max | -11.5k | 447 | 10.3k | 76.1 | 3.83k | -1.27k | -7.40k | -328 | 300 | 35.6 | 253 | 299 | 13.9k | 696 | -1.39k | -56.7 | 179 | 6.67k |
| 4 | 8 | Min | -55.4k | -5.24k | -35.7k | 27.9 | -11.5k | -15.2k | -29.1k | -5.48k | -1.28k | -52.4 | -891 | -2.78k | -91.4k | -11.3k | -9.96k | -261 | -6.35k | -8.09k |
| 4 | 8 | Max | 13.7k | 3.71k | 36.6k | 103 | 12.6k | 6.72k | 4.67k | 2.63k | 1.20k | 85.8 | 903 | 2.05k | 73.5k | 7.59k | 3.51k | 60.7 | 3.92k | 15.1k |
| 5 | 1 | Min | -3.83k | 8.18k | -1.52k | -30.7 | 1.23k | 4.41k | -17.2k | 13.2 | -14.4 | 9.42 | -0.805 | -9.86 | -28.0k | -1.20k | -1.14k | 16.7 | -663 | 124 |
| 5 | 1 | Max | -3.29k | 8.23k | -1.36k | -28.8 | 1.25k | 4.46k | -17.0k | 26.9 | -14.2 | 9.74 | 1.75 | 9.25 | -27.5k | -1.16k | -1.08k | 17.9 | -604 | 203 |
| 5 | 4 | Max | -1.76k | 4.55k | -886 | -18.1 | 687 | 2.42k | -10.9k | 18.2 | -10.8 | 4.85 | -5.28 | -11.1 | -18.4k | -674 | -666 | 8.74 | -409 | 74.4 |
| 5 | 5 | Max | -1.67k | 4.11k | -784 | -16.3 | 615 | 2.19k | -10.3k | 14.6 | -10.8 | 4.32 | -5.96 | -8.26 | -17.7k | -621 | -600 | 7.65 | -374 | 84.9 |
| 5 | 7 | Min | -3.95k | 2.47k | -4.42k | -60.4 | -1.11k | 1.29k | -13.8k | -54.8 | -16.3 | -32.3m | -23.5 | -41.1 | -25.0k | -6.64k | -1.51k | -28.3 | -920 | -2.38k |
| 5 | 7 | Max | 437 | 6.63k | 2.65k | 24.3 | 2.48k | 3.56k | -7.98k | 91.2 | -5.34 | 9.74 | 12.9 | 18.8 | -11.7k | 5.29k | 177 | 45.7 | 102 | 2.53k |
| 5 | 8 | Min | -9.76k | -2.83k | -13.4k | -172 | -5.67k | -1.65k | -20.7k | -251 | -29.8 | -12.8 | -71.4 | -116 | -41.5k | -22.6k | -3.67k | -127 | -2.23k | -8.95k |
| 5 | 8 | Max | 6.25k | 11.9k | 11.7k | 136 | 7.05k | 6.49k | -1.05k | 287 | 8.17 | 22.5 | 60.9 | 93.9 | 4.76k | 21.3k | 2.34k | 144 | 1.41k | 9.10k |
| 6 | 1 | Min | -104k | 6.83k | -1.79k | 44.4 | 6.43k | 10.2k | -39.6k | -234 | -1.93k | 19.6 | 942 | 153 | -8.28k | 32.0k | -1.46k | -60.2 | -3.23k | -11.5k |
| 6 | 1 | Max | -97.1k | 6.92k | -1.76k | 47.0 | 6.82k | 10.6k | -35.2k | -206 | -1.90k | 19.7 | 1.11k | 166 | -2.13k | 34.7k | -1.43k | -51.3 | -3.06k | -10.6k |
| 6 | 4 | Max | -52.3k | 3.87k | -979 | 24.2 | 3.48k | 5.57k | -19.8k | -139 | -1.06k | 10.8 | 468 | 81.7 | -2.18k | 20.4k | -786 | -37.2 | -1.87k | -6.81k |
| 6 | 5 | Max | -48.1k | 3.49k | -894 | 22.2 | 3.19k | 5.09k | -18.8k | -123 | -964 | 9.78 | 434 | 75.2 | -3.53k | 18.3k | -715 | -33.3 | -1.69k | -6.11k |
| 6 | 7 | Min | -59.4k | -200 | -1.34k | 18.2 | 3.03k | 3.38k | -24.9k | -168 | -1.19k | 4.67 | 125 | 62.0 | -12.0k | 14.0k | -1.39k | -52.6 | -2.22k | -9.32k |
| 6 | 7 | Max | -45.3k | 7.95k | -623 | 30.1 | 3.93k | 7.76k | -14.6k | -110 | -927 | 17.0 | 811 | 102 | 7.59k | 26.8k | -184 | -21.7 | -1.52k | -4.29k |
| 6 | 8 | Min | -78.3k | -11.0k | -2.24k | 2.25 | 1.88k | -2.45k | -37.3k | -242 | -1.52k | -11.5 | -746 | 16.3 | -36.4k | -3.08k | -2.94k | -94.0 | -3.09k | -16.0k |
| 6 | 8 | Max | -26.4k | 18.7k | 283 | 46.1 | 5.08k | 13.6k | -2.21k | -36.4 | -596 | 33.1 | 1.68k | 147 | 32.1k | 43.9k | 1.37k | 19.7 | -649 | 2.44k |
| 7 | 1 | Min | -238k | 4.21k | 9.84k | 1.91 | -19.4k | 6.17k | -242k | 4.21k | 9.84k | 1.91 | -8.36k | 2.60k | -250k | 4.21k | 9.84k | 1.91 | 11.6k | -5.24k |
| 7 | 1 | Max | -224k | 4.54k | 13.0k | 1.97 | -14.5k | 6.78k | -228k | 4.54k | 13.0k | 1.97 | -6.13k | 2.93k | -235k | 4.54k | 13.0k | 1.97 | 15.1k | -4.98k |
| 7 | 4 | Max | -119k | 2.52k | 7.14k | 0.908 | -10.8k | 3.63k | -122k | 2.52k | 7.14k | 0.908 | -4.74k | 1.49k | -128k | 2.52k | 7.14k | 0.908 | 8.12k | -3.05k |
| 7 | 5 | Max | -108k | 2.20k | 5.83k | 0.730 | -8.85k | 3.11k | -111k | 2.20k | 5.83k | 0.730 | -3.90k | 1.24k | -117k | 2.20k | 5.83k | 0.730 | 6.59k | -2.71k |
| 7 | 7 | Min | -121k | -2.36k | 5.30k | -8.06 | -13.4k | -3.21k | -124k | -2.36k | 5.30k | -8.06 | -5.79k | -1.20k | -130k | -2.36k | 5.30k | -8.06 | 5.84k | -9.15k |
| 7 | 7 | Max | -116k | 7.41k | 8.99k | 9.88 | -8.19k | 10.5k | -119k | 7.41k | 8.99k | 9.88 | -3.69k | 4.18k | -125k | 7.41k | 8.99k | 9.88 | 10.4k | 3.05k |
| 7 | 8 | Min | -127k | -15.4k | 451 | -31.7 | -20.3k | -21.5k | -130k | -15.4k | 451 | -31.7 | -8.53k | -8.41k | -136k | -15.4k | 451 | -31.7 | -146 | -25.5k |
| 7 | 8 | Max | -110k | 20.5k | 13.8k | 33.5 | -1.34k | 28.8k | -113k | 20.5k | 13.8k | 33.5 | -951 | 11.4k | -119k | 20.5k | 13.8k | 33.5 | 16.4k | 19.4k |
| 8 | 1 | Min | -202k | -12.3k | -10.9k | 1.79 | 19.9k | -18.3k | -207k | -12.3k | -10.9k | 1.79 | 8.98k | -5.83k | -215k | -12.3k | -10.9k | 1.79 | -10.2k | 16.0k |
| 8 | 1 | Max | -194k | -12.1k | -10.6k | 1.84 | 20.9k | -18.3k | -198k | -12.1k | -10.6k | 1.84 | 9.71k | -5.69k | -206k | -12.1k | -10.6k | 1.84 | -9.93k | 16.4k |
| 8 | 4 | Max | -99.9k | -6.76k | -5.59k | 0.851 | 10.1k | -9.95k | -103k | -6.76k | -5.59k | 0.851 | 4.38k | -2.99k | -109k | -6.76k | -5.59k | 0.851 | -5.68k | 9.18k |
| 8 | 5 | Max | -89.3k | -6.04k | -4.99k | 0.684 | 9.03k | -8.89k | -92.7k | -6.04k | -4.99k | 0.684 | 3.89k | -2.66k | -98.8k | -6.04k | -4.99k | 0.684 | -5.08k | 8.22k |
| 8 | 7 | Min | -103k | -10.5k | -5.78k | -7.55 | 9.82k | -15.3k | -107k | -10.5k | -5.78k | -7.55 | 4.25k | -4.53k | -113k | -10.5k | -5.78k | -7.55 | -5.91k | 4.07k |
| 8 | 7 | Max | -96.5k | -3.07k | -5.39k | 9.25 | 10.5k | -4.61k | -100k | -3.07k | -5.39k | 9.25 | 4.52k | -1.45k | -106k | -3.07k | -5.39k | 9.25 | -5.44k | 14.3k |
| 8 | 8 | Min | -110k | -20.3k | -6.20k | -29.7 | 9.14k | -29.6k | -114k | -20.3k | -6.20k | -29.7 | 3.98k | -8.66k | -120k | -20.3k | -6.20k | -29.7 | -6.44k | -9.61k |
| 8 | 8 | Max | -89.5k | 6.83k | -4.98k | 31.4 | 11.1k | 9.71k | -92.9k | 6.83k | -4.98k | 31.4 | 4.78k | 2.68k | -99.0k | 6.83k | -4.98k | 31.4 | -4.91k | 28.0k |
| 9 | 1 | Min | -129k | -10.6k | -12.4k | 1.79 | 15.0k | -16.1k | -134k | -10.6k | -12.4k | 1.79 | 5.14k | -5.14k | -142k | -10.6k | -12.4k | 1.79 | -14.3k | 13.8k |
| 9 | 1 | Max | -123k | -10.4k | -9.54k | 1.84 | 20.7k | -15.7k | -127k | -10.4k | -9.54k | 1.84 | 7.98k | -4.99k | -135k | -10.4k | -9.54k | 1.84 | -12.0k | 14.0k |
| 9 | 4 | Max | -64.8k | -5.89k | -5.66k | 0.851 | 7.84k | -8.77k | -68.3k | -5.89k | -5.66k | 0.851 | 2.02k | -2.70k | -74.3k | -5.89k | -5.66k | 0.851 | -8.16k | 7.89k |
| 9 | 5 | Max | -58.6k | -5.39k | -5.78k | 0.684 | 8.03k | -7.99k | -62.0k | -5.39k | -5.78k | 0.684 | 2.08k | -2.45k | -68.1k | -5.39k | -5.78k | 0.684 | -8.32k | 7.25k |
| 9 | 7 | Min | -68.3k | -10.4k | -7.72k | -7.55 | 4.73k | -15.4k | -71.8k | -10.4k | -7.72k | -7.55 | 1.03k | -4.67k | -77.8k | -10.4k | -7.72k | -7.55 | -10.9k | 1.78k |
| 9 | 7 | Max | -61.3k | -1.40k | -3.59k | 9.25 | 11.0k | -2.18k | -64.8k | -1.40k | -3.59k | 9.25 | 3.00k | -743 | -70.8k | -1.40k | -3.59k | 9.25 | -5.43k | 14.0k |
| 9 | 8 | Min | -77.0k | -22.4k | -13.3k | -29.7 | -3.63k | -33.0k | -80.4k | -22.4k | -13.3k | -29.7 | -1.61k | -9.93k | -86.5k | -22.4k | -13.3k | -29.7 | -18.2k | -14.6k |
| 9 | 8 | Max | -52.6k | 10.6k | 1.96k | 31.4 | 19.3k | 15.5k | -56.1k | 10.6k | 1.96k | 31.4 | 5.65k | 4.52k | -62.1k | 10.6k | 1.96k | 31.4 | 1.93k | 30.4k |
| 10 | 1 | Min | -42.6k | -12.5k | 7.93k | 28.5 | -3.33k | -7.64k | -19.4k | 172 | -114 | -0.242 | -89.0 | -33.6 | -15.6k | -12.3k | 2.29k | -24.6 | 1.32k | 6.16k |
| 10 | 1 | Max | -39.4k | -11.4k | 8.80k | 30.3 | -3.03k | -7.09k | -18.0k | 183 | -112 | -43.4m | -77.9 | -29.9 | -14.7k | -11.5k | 2.43k | -22.9 | 1.43k | 6.57k |
| 10 | 4 | Max | -25.3k | -7.12k | 4.80k | 17.1 | -1.85k | -4.38k | -12.7k | 98.3 | -74.8 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| 12 | 8 | Min | -66.0k | -2.38k | -9.51k | -233 | -4.47k | -486 | -23.9k | -1.38k | -6.80 | -17.8 | -28.7 | -1.99k | -38.5k | -1.94k | -1.33k | -232 | -494 | -9.74k |
| 12 | 8 | Max | 15.7k | 14.4k | 12.6k | 121 | 2.72k | 10.9k | 3.55k | 3.58k | 47.7 | 59.3 | 30.5 | 1.83k | 25.3k | 7.06k | 5.26k | 24.8 | 2.18k | 2.09k |
| 13 | 1 | Min | -130k | 19.5k | -5.36k | 1.95 | 6.58k | 27.1k | -133k | 19.5k | -5.36k | 1.95 | 3.07k | 11.5k | -141k | 19.5k | -5.36k | 1.95 | -6.04k | -27.1k |
| 13 | 1 | Max | -118k | 22.2k | -4.39k | 2.00 | 7.89k | 30.7k | -122k | 22.2k | -4.39k | 2.00 | 3.60k | 12.9k | -130k | 22.2k | -4.39k | 2.00 | -4.83k | -23.7k |
| 13 | 4 | Max | -78.2k | 12.2k | -2.52k | 0.926 | 3.90k | 17.0k | -80.9k | 12.2k | -2.52k | 0.926 | 1.88k | 7.27k | -86.9k | 12.2k | -2.52k | 0.926 | -2.66k | -14.6k |
| 13 | 5 | Max | -70.6k | 10.4k | -1.94k | 0.745 | 3.11k | 14.6k | -73.3k | 10.4k | -1.94k | 0.745 | 1.56k | 6.33k | -79.3k | 10.4k | -1.94k | 0.745 | -1.94k | -12.4k |
| 13 | 7 | Min | -85.8k | 8.56k | -4.81k | -8.22 | 741 | 12.1k | -88.5k | 8.56k | -4.81k | -8.22 | 547 | 5.25k | -94.5k | 8.56k | -4.81k | -8.22 | -5.46k | -19.1k |
| 13 | 7 | Max | -70.6k | 15.7k | -233 | 10.1 | 7.06k | 21.9k | -73.2k | 15.7k | -233 | 10.1 | 3.22k | 9.29k | -79.3k | 15.7k | -233 | 10.1 | 145 | -10.1k |
| 13 | 8 | Min | -101k | -881 | -10.5k | -32.3 | -7.11k | -687 | -104k | -881 | -10.5k | -32.3 | -2.73k | -1.91 | -110k | -881 | -10.5k | -32.3 | -12.5k | -30.8k |
| 13 | 8 | Max | -55.1k | 25.2k | -5.50k | 34.1 | 14.9k | 34.7k | -57.8k | 25.2k | -5.50k | 34.1 | 6.50k | 14.5k | -63.8k | 25.2k | -5.50k | 34.1 | 7.21k | 1.63k |
| 14 | 1 | Min | -272k | -18.1k | -29.9k | 2.78 | 39.6k | -25.1k | -276k | -18.1k | -29.9k | 2.78 | 17.9k | -10.6k | -285k | -18.1k | -29.9k | 2.78 | -34.0k | 19.8k |
| 14 | 1 | Max | -244k | -16.4k | -27.2k | 2.86 | 43.7k | -22.9k | -248k | -16.4k | -27.2k | 2.86 | 19.8k | -9.76k | -258k | -16.4k | -27.2k | 2.86 | -31.0k | 22.0k |
| 14 | 4 | Max | -157k | -10.5k | -16.8k | 1.32 | 24.5k | -14.9k | -160k | -10.5k | -16.8k | 1.32 | 11.1k | -6.43k | -167k | -10.5k | -16.8k | 1.32 | -19.0k | 12.6k |
| 14 | 5 | Max | -138k | -9.37k | -14.6k | 1.06 | 21.5k | -13.3k | -141k | -9.37k | -14.6k | 1.06 | 9.75k | -5.83k | -149k | -9.37k | -14.6k | 1.06 | -16.6k | 11.0k |
| 14 | 7 | Min | -165k | -13.2k | -19.5k | -11.7 | 20.9k | -18.5k | -168k | -13.2k | -19.5k | -11.7 | 9.61k | -7.93k | -176k | -13.2k | -19.5k | -11.7 | -22.4k | 9.21k |
| 14 | 7 | Max | -148k | -7.86k | -14.1k | 14.4 | 28.2k | -11.2k | -152k | -7.86k | -14.1k | 14.4 | 12.7k | -4.94k | -159k | -7.86k | -14.1k | 14.4 | -15.7k | 15.9k |
| 14 | 8 | Min | -182k | -20.3k | -26.6k | -46.0 | 11.1k | -28.0k | -186k | -20.3k | -26.6k | -46.0 | 5.58k | -11.8k | -193k | -20.3k | -26.6k | -46.0 | -31.3k | 409 |
| 14 | 8 | Max | -131k | -821 | -6.89k | 48.7 | 38.0k | -1.71k | -134k | -821 | -6.89k | 48.7 | 16.7k | -1.05k | -141k | -821 | -6.89k | 48.7 | -6.76k | 24.7k |
| 15 | 1 | Min | -129k | 4.09k | 12.7k | -4.26 | -15.9k | 9.00k | -65.3k | 3.16k | 1.23k | 16.7 | -624 | 1.69k | -22.6k | 1.92k | 35.7k | -78.2 | 15.3k | -5.15k |
| 15 | 1 | Max | -116k | 4.57k | 14.2k | -4.23 | -14.2k | 10.1k | -59.4k | 3.58k | 1.37k | 18.6 | -559 | 1.88k | -22.2k | 2.16k | 40.3k | -68.7 | 17.3k | -4.54k |
| 15 | 4 | Max | -74.4k | 2.56k | 7.99k | -2.69 | -9.00k | 5.64k | -39.2k | 1.97k | 781 | 10.1 | -347 | 1.08k | -17.0k | 1.20k | 22.3k | -42.9 | 9.60k | -2.81k |
| 15 | 5 | Max | -65.6k | 2.23k | 6.98k | -2.55 | -7.88k | 4.89k | -35.3k | 1.70k | 686 | 8.67 | -302 | 949 | -16.9k | 1.04k | 19.2k | -36.8 | 8.31k | -2.40k |
| 15 | 7 | Min | -88.9k | 1.29k | 5.25k | -15.2 | -12.3k | 4.45k | -44.5k | 1.78k | 346 | -0.277 | -708 | 753 | -31.6k | 711 | 13.8k | -67.3 | 5.48k | -3.17k |
| 15 | 7 | Max | -60.0k | 3.83k | 10.7k | 9.82 | -5.67k | 6.83k | -33.9k | 2.17k | 1.22k | 20.5 | 13.4 | 1.40k | -2.47k | 1.69k | 30.7k | -18.6 | 13.7k | -2.45k |
| 15 | 8 | Min | -122k | -2.04k | -1.63k | -46.0 | -19.8k | 1.42k | -55.5k | 1.29k | -765 | -27.6 | -1.62k | -7.49 | -68.1k | -557 | -8.89k | -132 | -5.50k | -4.12k |
| 15 | 8 | Max | -27.0k | 7.15k | 17.6k | 40.6 | 17.9k | 9.86k | -22.9k | 2.66k | 2.33k | 47.8 | 929 | 2.16k | 34.0k | 2.96k | 53.4k | 46.4 | 24.7k | -1.49k |
| 16 | 1 | Min | -153k | 8.35k | -4.20k | 1.79 | 4.74k | 14.2k | -158k | 8.35k | -4.20k | 1.79 | 1.59k | 5.46k | -166k | 8.35k | -4.20k | 1.79 | -4.84k | -9.83k |
| 16 | 1 | Max | -153k | 8.50k | -3.06k | 1.84 | 7.05k | 14.3k | -157k | 8.50k | -3.06k | 1.84 | 2.72k | 5.74k | -165k | 8.50k | -3.06k | 1.84 | -3.92k | -9.28k |
| 16 | 4 | Max | -89.1k | 4.87k | -952 | 0.851 | 1.24k | 8.00k | -92.5k | 4.87k | -952 | 0.851 | 263 | 2.98k | -98.6k | 4.87k | -952 | 0.851 | -1.45k | -5.79k |
| 16 | 5 | Max | -82.1k | 4.43k | -818 | 0.684 | 1.08k | 7.28k | -85.5k | 4.43k | -818 | 0.684 | 240 | 2.72k | -91.6k | 4.43k | -818 | 0.684 | -1.23k | -5.25k |
| 16 | 7 | Min | -96.0k | 4.09k | -6.09k | -7.55 | -6.42k | 6.28k | -99.4k | 4.09k | -6.09k | -7.55 | -2.12k | 2.07k | -105k | 4.09k | -6.09k | -7.55 | -8.34k | -6.34k |
| 16 | 7 | Max | -82.2k | 5.65k | 4.18k | 9.25 | 8.91k | 9.71k | -85.7k | 5.65k | 4.18k | 9.25 | 2.65k | 3.88k | -91.7k | 5.65k | 4.18k | 9.25 | 5.44k | -5.25k |
| 16 | 8 | Min | -110k | 2.07k | -19.8k | -29.7 | -26.7k | 1.87k | -114k | 2.07k | -19.8k | -29.7 | -8.37k | -269 | -120k | 2.07k | -19.8k | -29.7 | -26.7k | -7.70k |
| 16 | 8 | Max | -68.1k | 7.67k | 17.8k | 31.4 | 29.2k | 14.1k | -71.5k | 7.67k | 17.8k | 31.4 | 8.89k | 6.22k | -77.5k | 7.67k | 17.8k | 31.4 | 23.8k | -3.89k |
| 17 | 1 | Min | -55.5k | 2.07k | -9.11k | 1.79 | 11.6k | 3.10k | -60.0k | 2.07k | -9.11k | 1.79 | 3.29k | 969 | -67.9k | 2.07k | -9.11k | 1.79 | -12.6k | -2.96k |
| 17 | 1 | Max | -51.7k | 2.23k | -8.05k | 1.84 | 13.2k | 3.35k | -56.2k | 2.23k | -8.05k | 1.84 | 3.80k | 1.06k | -64.0k | 2.23k | -8.05k | 1.84 | -11.2k | -2.76k |
| 17 | 4 | Max | -35.2k | 1.35k | -5.19k | 0.851 | 7.40k | 2.03k | -38.7k | 1.35k | -5.19k | 0.851 | 2.05k | 649 | -44.7k | 1.35k | -5.19k | 0.851 | -7.29k | -1.77k |
| 17 | 5 | Max | -32.6k | 1.22k | -4.54k | 0.684 | 6.42k | 1.85k | -36.1k | 1.22k | -4.54k | 0.684 | 1.74k | 590 | -42.1k | 1.22k | -4.54k | 0.684 | -6.43k | -1.61k |
| 17 | 7 | Min | -39.6k | -1.15k | -7.32k | -7.55 | 4.23k | -1.52k | -43.1k | -1.15k | -7.32k | -7.55 | 1.06k | -347 | -49.1k | -1.15k | -7.32k | -7.55 | -10.1k | -5.30k |
| 17 | 7 | Max | -30.9k | 3.84k | -3.07k | 9.25 | 10.6k | 5.59k | -34.3k | 3.84k | -3.07k | 9.25 | 3.05k | 1.64k | -40.4k | 3.84k | -3.07k | 9.25 | -4.45k | 1.75k |
| 17 | 8 | Min | -49.2k | -7.74k | -12.7k | -29.7 | -3.76k | -10.9k | -52.6k | -7.74k | -12.7k | -29.7 | -1.41k | -2.96k | -58.7k | -7.74k | -12.7k | -29.7 | -17.4k | -14.6k |
| 17 | 8 | Max | -21.3k | 10.4k | -23.0k | 31.4 | 18.6k | 15.0k | -24.8k | 10.4k | -23.0k | 31.4 | 5.52k | 4.25k | -30.8k | 10.4k | -23.0k | 31.4 | 2.77k | 11.0k |
| 18 | 1 | Min | -53.9k | 314 | -862 | 1.28 | 1.42k | 1.40k | -58.9k | 314 | -862 | 1.28 | 405 | 992 | -65.9k | 314 | -862 | 1.28 | -1.08k | -194 |
| 18 | 1 | Max | -48.3k | 728 | -782 | 1.31 | 1.59k | 2.06k | -53.3k | 728 | -782 | 1.31 | 470 | 1.12k | -60.3k | 728 | -782 | 1.31 | -1.00k | 426 |
| 18 | 4 | Max | -30.7k | -5.67 | -497 | 0.606 | 885 | 637 | -34.6k | -5.67 | -497 | 0.606 | 238 | 644 | -40.0k | -5.67 | -497 | 0.606 | -657 | 654 |
| 18 | 5 | Max | -26.9k | -225 | -441 | 0.487 | 768 | 274 | -30.8k | -225 | -441 | 0.487 | 195 | 566 | -36.2k | -225 | -441 | 0.487 | -598 | 971 |
| 18 | 7 | Min | -33.3k | -1.12k | -563 | -5.38 | 760 | -1.26k | -37.2k | -1.12k | -563 | -5.38 | 152 | 106 | -42.6k | -1.12k | -563 | -5.38 | -800 | -925 |
| 18 | 7 | Max | -28.1k | 1.11k | -432 | 6.59 | 1.01k | 2.54k | -32.0k | 1.11k | -432 | 6.59 | 325 | 1.18k | -37.4k | 1.11k | -432 | 6.59 | -514 | 2.23k |
| 18 | 8 | Min | -38.1k | -4.02k | -719 | -21.1 | 477 | -6.22k | -41.9k | -4.02k | -719 | -21.1 | -40.8 | -1.28k | -47.3k | -4.02k | -719 | -21.1 | -1.15k | -4.99k |
| 18 | 8 | Max | -23.3k | 4.01k | -276 | 22.3 | 1.29k | 7.50k | -27.2k | 4.01k | -276 | 22.3 | 518 | 2.57k | -32.6k | 4.01k | -276 | 22.3 | -168 | 6.30k |
| 19 | 1 | Min | -128k | -3.80k | -27.7k | 1.23 | 36.3k | -5.70k | -131k | -3.80k | -27.7k | 1.23 | 13.0k | -2.09k | -139k | -3.80k | -27.7k | 1.23 | -35.2k | 4.11k |
| 19 | 1 | Max | -116k | -3.29k | -24.5k | 1.26 | 41.0k | -4.93k | -119k | -3.29k | -24.5k | 1.26 | 14.7k | -1.81k | -127k | -3.29k | -24.5k | 1.26 | -31.2k | 4.76k |
| 19 | 4 | Max | -75.6k | -1.96k | -15.5k | 0.582 | 22.9k | -2.94k | -78.5k | -1.96k | -15.5k | 0.582 | 8.19k | -1.08k | -84.0k | -1.96k | -15.5k | 0.582 | -19.7k | 2.46k |
| 19 | 5 | Max | -67.6k | -1.62k | -13.4k | 0.468 | 19.8k | -2.43k | -70.6k | -1.62k | -13.4k | 0.468 | 7.10k | -889 | -76.1k | -1.62k | -13.4k | 0.468 | -17.0k | 2.03k |
| 19 | 7 | Min | -77.7k | -2.47k | -18.3k | -5.17 | 18.8k | -3.64k | -80.6k | -2.47k | -18.3k | -5.17 | 6.74k | -1.32k | -86.2k | -2.47k | -18.3k | -5.17 | -23.3k | 1.76k |
| 19 | 7 | Max | -73.4k | -1.46k | -12.7k | 6.33 | 27.0k | -2.24k | -76.3k | -1.46k | -12.7k | 6.33 | 9.64k | -834 | -81.8k | -1.46k | -12.7k | 6.33 | -16.0k | 3.15k |
| 19 | 8 | Min | -82.1k | -3.81k | -25.8k | -20.3 | 7.95k | -5.51k | -85.1k | -3.81k | -25.8k | -20.3 | 2.98k | -1.96k | -90.6k | -3.81k | -25.8k | -20.3 | -33.1k | -87.1 |
| 19 | 8 | Max | -69.0k | -115 | -5.19k | 21.5 | 37.9k | -375 | -71.9k | -115 | -5.19k | 21.5 | 13.4k | -195 | -77.4k | -115 | -5.19k | 21.5 | -6.27k | 5.00k |
| 20 | 1 | Min | -277k | 2.01k | 32.0 | 1.92 | 22.9 | 2.93k | -282k | 2.01k | 32.0 | 1.92 | 53.3 | 1.02k | -290k | 2.01k | 32.0 | 1.92 | 111 | -3.09k |
| 20 | 1 | Max | -248k | 2.38k | 32.1 | 1.98 | 24.8 | 3.46k | -253k | 2.38k | 32.1 | 1.98 | 55.2 | 1.20k | -262k | 2.38k | 32.1 | 1.98 | 113 | -2.60k |
| 20 | 4 | Max | -159k | 1.24k | 18.9 | 0.913 | 13.2 | 1.81k | -162k | 1.24k | 18.9 | 0.913 | 31.1 | 633 | -169k | 1.24k | 18.9 | 0.913 | 65.1 | -1.60k |
| 20 | 5 | Max | -139k | 1.02k | 17.5 | 0.734 | 11.3 | 1.50k | -143k | 1.02k | 17.5 | 0.734 | 27.9 | 527 | -149k | 1.02k | 17.5 | 0.734 | 59.4 | -1.31k |
| 20 | 7 | Min | -159k | -1.30k | -2.07k | -8.10 | -4.65k | -1.74k | -163k</ | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 23 | 1 | Min | 0 | 3.42k | 5.66k | 25.1 | 0 | 0 | -3.93k | 3.42k | 5.66k | 25.1 | 5.10k | -3.40k | -7.85k | 3.42k | 5.66k | 25.1 | 10.2k | -6.80k |
| 23 | 1 | Max | 0 | 3.78k | 5.83k | 26.5 | 0 | 0 | -3.93k | 3.78k | 5.83k | 26.5 | 5.24k | -3.08k | -7.85k | 3.78k | 5.83k | 26.5 | 10.5k | -6.15k |
| 23 | 4 | Max | 0 | 2.59k | 4.19k | 17.0 | 0 | 0 | -3.02k | 2.59k | 4.19k | 17.0 | 3.77k | -2.33k | -6.04k | 2.59k | 4.19k | 17.0 | 7.54k | -4.65k |
| 23 | 5 | Max | 0 | 2.44k | 4.08k | 15.9 | 0 | 0 | -3.02k | 2.44k | 4.08k | 15.9 | 3.67k | -2.19k | -6.04k | 2.44k | 4.08k | 15.9 | 7.35k | -4.39k |
| 23 | 7 | Min | -223 | 1.73k | 3.04k | 8.65 | -2.55μ | -26.8μ | -3.24k | 1.73k | 3.04k | 8.65 | 2.74k | -3.10k | -6.26k | 1.73k | 3.04k | 8.65 | 5.48k | -6.19k |
| 23 | 7 | Max | 223 | 3.44k | 5.33k | 25.4 | 2.55μ | 26.8μ | -2.80k | 3.44k | 5.33k | 25.4 | 4.80k | -1.56k | -5.82k | 3.44k | 5.33k | 25.4 | 9.59k | -3.12k |
| 23 | 8 | Min | -624 | -367 | 280 | -12.3 | -6.96μ | -73.0μ | -3.64k | -367 | 280 | -12.3 | 252 | -4.98k | -6.67k | -367 | 280 | -12.3 | 504 | -9.97k |
| 23 | 8 | Max | 624 | 5.54k | 8.09k | 46.3 | 6.96μ | 73.0μ | -2.40k | 5.54k | 8.09k | 46.3 | 7.28k | 330 | -5.42k | 5.54k | 8.09k | 46.3 | 14.6k | 660 |
| 24 | 1 | Min | -57.5k | 17.0k | 15.7k | 70.1 | -6.80k | 28.7k | -58.2k | 17.0k | 15.7k | 70.1 | -4.76k | 26.4k | -63.3k | 17.0k | 15.7k | 70.1 | 9.39k | 10.5k |
| 24 | 1 | Max | -57.2k | 17.7k | 16.0k | 73.8 | -6.79k | 28.8k | -57.9k | 17.7k | 16.0k | 73.8 | -4.71k | 26.6k | -63.0k | 17.7k | 16.0k | 73.8 | 9.68k | 11.3k |
| 24 | 4 | Max | -33.6k | 9.05k | 10.8k | 47.5 | -3.29k | 16.8k | -34.1k | 9.05k | 10.8k | 47.5 | -1.88k | 15.6k | -38.0k | 9.05k | 10.8k | 47.5 | 7.88k | 7.45k |
| 24 | 5 | Max | -31.0k | 8.17k | 10.6k | 44.4 | -2.80k | 15.4k | -31.6k | 8.17k | 10.6k | 44.4 | -1.43k | 14.4k | -35.5k | 8.17k | 10.6k | 44.4 | 8.10k | 7.00k |
| 24 | 7 | Min | -36.1k | 2.57k | 9.80k | 24.1 | -3.69k | 13.5k | -36.7k | 2.57k | 9.80k | 24.1 | -2.30k | 13.1k | -40.6k | 2.57k | 9.80k | 24.1 | 6.69k | 3.82k |
| 24 | 7 | Max | -31.0k | 15.5k | 11.9k | 70.8 | -2.90k | 20.1k | -31.6k | 15.5k | 11.9k | 70.8 | -1.47k | 18.1k | -35.5k | 15.5k | 11.9k | 70.8 | 9.07k | 11.1k |
| 24 | 8 | Min | -41.6k | -14.0k | 7.31k | -34.2 | -4.47k | 4.94k | -42.2k | -14.0k | 7.31k | -34.2 | -3.12k | 6.48k | -46.1k | -14.0k | 7.31k | -34.2 | 3.99k | -5.13k |
| 24 | 8 | Max | -25.5k | 32.1k | 14.4k | 129 | -2.11k | 28.6k | -26.1k | 32.1k | 14.4k | 129 | -647 | 24.7k | -30.0k | 32.1k | 14.4k | 129 | 11.8k | 20.0k |
| 25 | 1 | Min | -77.9k | -3.11k | 4.59k | 1.13 | -7.83k | -4.35k | -81.5k | -3.11k | 4.59k | 1.13 | -3.11k | -1.20k | -87.9k | -3.11k | 4.59k | 1.13 | 5.15k | 4.31k |
| 25 | 1 | Max | -77.2k | -3.06k | 4.63k | 1.16 | -7.77k | -4.35k | -81.1k | -3.06k | 4.63k | 1.16 | -3.00k | -1.15k | -87.5k | -3.06k | 4.63k | 1.16 | 5.33k | 4.45k |
| 25 | 4 | Max | -44.8k | -1.93k | 2.74k | 0.537 | -4.41k | -2.60k | -47.6k | -1.93k | 2.74k | 0.537 | -1.59k | -611 | -52.5k | -1.93k | 2.74k | 0.537 | 3.34k | 2.86k |
| 25 | 5 | Max | -41.2k | -1.81k | 2.52k | 0.432 | -4.03k | -2.41k | -44.0k | -1.81k | 2.52k | 0.432 | -1.43k | -552 | -48.9k | -1.81k | 2.52k | 0.432 | 3.12k | 2.70k |
| 25 | 7 | Min | -46.6k | -3.95k | 2.64k | -4.77 | -4.60k | -5.50k | -49.4k | -3.95k | 2.64k | -4.77 | -1.68k | -1.43k | -54.3k | -3.95k | 2.64k | -4.77 | 3.26k | 44.6 |
| 25 | 7 | Max | -43.1k | 90.1 | 2.83k | 5.84 | -4.22k | 300 | -45.9k | 90.1 | 2.83k | 5.84 | -1.49k | 207 | -50.8k | 90.1 | 2.83k | 5.84 | 3.42k | 5.68k |
| 25 | 8 | Min | -50.9k | -9.22k | 2.40k | -18.7 | -5.08k | -13.1k | -53.7k | -9.22k | 2.40k | -18.7 | -1.92k | -3.56k | -58.6k | -9.22k | 2.40k | -18.7 | 3.05k | -7.30k |
| 25 | 8 | Max | -38.7k | 5.36k | 3.07k | 19.8 | -3.74k | 7.86k | -41.5k | 5.36k | 3.07k | 19.8 | -1.26k | 2.34k | -46.4k | 5.36k | 3.07k | 19.8 | 3.63k | 13.0k |
| 26 | 1 | Min | -79.0k | 3.94k | 4.68k | 1.13 | -7.94k | 5.59k | -82.6k | 3.94k | 4.68k | 1.13 | -3.12k | 1.50k | -89.0k | 3.94k | 4.68k | 1.13 | 5.30k | -5.84k |
| 26 | 1 | Max | -78.1k | 4.08k | 4.70k | 1.16 | -7.82k | 5.71k | -81.8k | 4.08k | 4.70k | 1.16 | -2.98k | 1.53k | -88.1k | 4.08k | 4.70k | 1.16 | 5.48k | -5.56k |
| 26 | 4 | Max | -44.6k | 2.44k | 2.76k | 0.537 | -4.37k | 3.28k | -47.4k | 2.44k | 2.76k | 0.537 | -1.53k | 772 | -52.3k | 2.44k | 2.76k | 0.537 | 3.43k | -3.61k |
| 26 | 5 | Max | -40.9k | 2.23k | 2.54k | 0.432 | -3.99k | 2.98k | -43.7k | 2.23k | 2.54k | 0.432 | -1.37k | 682 | -48.6k | 2.23k | 2.54k | 0.432 | 3.20k | -3.34k |
| 26 | 7 | Min | -45.9k | 351 | 2.70k | -4.77 | -4.51k | 265 | -48.7k | 351 | 2.70k | -4.77 | -1.61k | -96.7 | -53.6k | 351 | 2.70k | -4.77 | 3.37k | -6.50k |
| 26 | 7 | Max | -43.4k | 4.52k | 2.82k | 5.84 | -4.24k | 6.30k | -46.2k | 4.52k | 2.82k | 5.84 | -1.46k | 1.64k | -51.1k | 4.52k | 2.82k | 5.84 | 3.49k | -729 |
| 26 | 8 | Min | -49.1k | -5.11k | 2.54k | -18.7 | -4.85k | -7.64k | -51.9k | -5.11k | 2.54k | -18.7 | -1.80k | -2.37k | -56.8k | -5.11k | 2.54k | -18.7 | 3.25k | -14.1k |
| 26 | 8 | Max | -40.1k | 9.99k | 2.97k | 19.8 | -3.90k | 14.2k | -42.9k | 9.99k | 2.97k | 19.8 | -1.27k | 3.92k | -47.8k | 9.99k | 2.97k | 19.8 | 3.61k | 6.83k |
| 27 | 1 | Min | -99.1k | 2.62k | -8.75k | 286 | 9.03k | -10.2k | -24.4k | -3.94k | 104 | 53.3 | 80.5 | -866 | 10.5k | -3.02k | -25.2k | -310 | -8.71k | 8.45k |
| 27 | 1 | Max | -92.5k | 2.65k | -8.10k | 292 | 10.0k | -9.92k | -23.7k | -3.78k | 129 | 55.7 | 81.5 | -844 | 13.9k | -2.98k | -21.7k | -290 | -7.55k | 8.89k |
| 27 | 4 | Max | -57.0k | 1.39k | -4.93k | 169 | 5.71k | -6.12k | -15.3k | -2.41k | 57.6 | 34.3 | 48.2 | -443 | 5.50k | -1.89k | -12.8k | -201 | -4.49k | 5.60k |
| 27 | 5 | Max | -50.9k | 1.22k | -4.35k | 154 | 5.01k | -5.64k | -14.3k | -2.23k | 42.4 | 31.7 | 44.4 | -395 | 3.57k | -1.77k | -10.5k | -187 | -3.72k | 5.21k |
| 27 | 7 | Min | -62.7k | -74.2 | -15.5k | 148 | 1.19k | -8.03k | -21.9k | -3.03k | -5.90 | 22.8 | 3.13 | -871 | -5.78k | -4.70k | -20.9k | -225 | -7.91k | 3.18k |
| 27 | 7 | Max | -51.2k | 2.85k | 5.61k | 190 | 10.2k | -4.21k | -8.72k | -1.80k | 121 | 45.8 | 93.2 | -15.0 | 16.8k | 928 | -4.72k | -177 | -1.08k | 8.03k |
| 27 | 8 | Min | -78.2k | -3.92k | -43.8k | 95.5 | -11.0k | -13.1k | -38.6k | -4.64k | -176 | -8.13 | -110 | -1.97k | -34.5k | -12.0k | -42.7k | -288 | -17.1k | -3.15k |
| 27 | 8 | Max | -35.7k | 6.70k | 34.0k | 243 | 22.4k | 849 | 7.94k | -187 | 291 | 76.8 | 207 | 1.09k | 45.5k | 8.26k | 17.1k | -114 | 8.13k | 14.4k |
| 28 | 1 | Min | 0 | 2.03k | 1.68k | 10.4 | 0 | 0 | -2.65k | 2.03k | 1.68k | 10.4 | 1.51k | -2.08k | -5.31k | 2.03k | 1.68k | 10.4 | 3.03k | -4.17k |
| 28 | 1 | Max | 0 | 2.32k | 1.73k | 11.0 | 0 | 0 | -2.65k | 2.32k | 1.73k | 11.0 | 1.56k | -1.82k | -5.31k | 2.32k | 1.73k | 11.0 | 3.11k | -3.65k |
| 28 | 4 | Max | 0 | 1.48k | 1.24k | 7.07 | 0 | 0 | -2.04k | 1.48k | 1.24k | 7.07 | 1.12k | -1.33k | -4.08k | 1.48k | 1.24k | 7.07 | 2.23k | -2.66k |
| 28 | 5 | Max | 0 | 1.35k | 1.21k | 6.62 | 0 | 0 | -2.04k | 1.35k | 1.21k | 6.62 | 1.09k | -1.21k | -4.08k | 1.35k | 1.21k | 6.62 | 2.18k | -2.42k |
| 28 | 7 | Min | -78.6 | 892 | 917 | 3.59 | 0 | -18.1μ | -2.12k | 892 | 917 | 3.59 | 826 | -1.86k | -4.16k | 892 | 917 | 3.59 | 1.65k | -3.72k |
| 28 | 7 | Max | 78.6 | 2.06k | 1.57k | 10.5 | 0 | 18.1μ | -1.96k | 2.06k | 1.57k | 10.5 | 1.41k | -803 | -4.00k | 2.06k | 1.57k | 10.5 | 2.82k | -1.61k |
| 28 | 8 | Min | -220 | -410 | 149 | -5.09 | -2.28μ | -49.4μ | -2.26k | -410 | 149 | -5.09 | 134 | -3.03k | -4.30k | -410 | 149 | -5.09 | 268 | -6.06k |
| 28 | 8 | Max | 220 | 3.37k | 2.33k | 19.2 | 2.28μ | 49.4μ | -1.82k | 3.37k | 2.33k | 19.2 | 2.10k | 369 | -3.86k | 3.37k | 2.33k | 19.2 | 4.20k | 739 |
| 29 | 1 | Min | 0 | -1.34k | 392 | 10.4 | 0 | 0 | -2.65k | -1.34k | 392 | 10.4 | 353 | 1.14k | -5.31k | -1.34k | 392 | 10.4 | 705 | 2.28k |
| 29 | 1 | Max | 0 | -1.26k | 404 | 11.0 | 0 | 0 | -2.65k | -1.26k | 404 | 11.0 | 363 | 1.20k | -5.31k | -1.26k | 404 | 11.0 | 727 | 2.41k |
| 29 | 4 | Max | 0 | -642 | 367 | 7.07 | 0 | 0 | -2.04k | -642 | 367 | 7.07 | 331 | 578 | -4.08k | -642 | 367 | 7.07 | 661 | 1.16k |
| 29 | 5 | Max | 0 | -531 | 386 | 6.62 | 0 | 0 | -2.04k | -531 | 386 | 6.62 | 348 | 478 | -4.08k | -531 | 386 | 6.62 | 695 | 956 |
| 29 | 7 | Min | -102 | -1.21k | 264 | 3.59 | 0 | -18.1μ | -2.14k | -1.21k | 264 | 3.59 | 238 | 65.6 | -4.18k | -1.21k | 264 | 3.59 | 475 | 131 |
| 29 | 7 | Max | 102 | -72.9 | 471 | 10.5 | 0 | 18.1μ | -1.94k | -72.9 | 471 | 10.5 | 424 | 1.09k | -3.98k | -72.9 | 471 | 10.5 | 847 | 2.18k |
| 29 | 8 | Min | -287 | -2.49k | 13.8 | -5.09 | -2.28μ | -49.4μ | -2.33k | -2.49k | 13.8 | -5.09 | 12.4 | -1.08k | -4.37k | -2.49k | 13.8 | -5.09 | 24.9 | -2.16k |
| 29 | 8 | Max | 287 | 1.20k | 721 | 19.2 | 2.28μ | 49.4μ | -1.75k | 1.20k | 721 | 19.2 | 649 | 2.24k | -3.80k | 1.20k | 721 | 19.2 | 1.30k | 4.47k |
| 30 | 1 | Min | -3.79k | -2.94k | -8.36k | -32.4 | 3.57k | -1.60k | -16.1k | -27.5 | -97.7 | 17.9 | 55.9 | 42.5 | -29.3k | -426 | -218 | -6.27 | -364 | 594 |
| 30 | 1 | Max | -3.63k | -2.73k | -7.77k | -30.2 | 3.86k | -1.51k | -15.1k | -23.9 | -84.2 | 18.6 | 59.4 | 42.8 | -27.8k | -372 | -182 | -5.19 | -295 | 609 |
| 30 | 4 | Max | -2.37k | -1.66k | -4.86k | -18.5 | 2.23k | -933 | -10.4k | -18.3 | -49.9 | 10.7 | 34.6 | 29.8 | -19.6k | -341 | -120 | -5.42 | -170 | 420 |
| 30 | 5 | Max | -2.20k | -1.47k | -4.36k | -16.5 | 1.98k | -844 | -9.72k | -16.9 | -41.0 | 9.71 | 33.2 | 29.0 | -18.6k | -369 | -102 | -5.40 | -130 | 407 |
| 30 | 7 | Min | -48.1k | -3.75k | -7.69k | -48.8 | 1.27k | -1.88k | -14.1k | -71.3 | -79.8 | 2.63 | -20.0 | -3.80 | -24.9k | -4.77k | -2.16k | -38.1 | -800 | -1.46k |
| 30 | 7 | Max | 78.3 | 424 | -2.04k | 11.7 | 3.18k | 9.22 | -6.72k | 34.6 | -20.1 | 18.8 | 89.2 | 63.4 | -14.3k | 4.09k | 1.92k | 27.2 | 460 | 2.30k |
| 30 | 8 | Min | -11.1k | -9.15k | -15.0k | -130 | -1.18k | -4.37k | -23.6k | -208 | -157 | -19.1 | -159 | -90.2 | -37.8k | -16.2k | -7.65k | -126 | -2.49k | -6.34k |
| 30 | 8 | Max | 6.32k | 5.83k | 5.30k | 93.1 | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | 7 | Min | -19.0k | -2.31k | -5.97k | -0.757 | -304 | -332 | -523 | 34.1 | -19.4k | 5.00 | -5.48k | -14.2 | -769 | -1.22k | -25.3k | 2.59 | -13.9k | 53.0 |
| 1 | 7 | Max | 35.9k | 1.24k | 4.25k | 3.56 | -65.5 | 177 | -351 | 50.0 | -8.66k | 7.33 | -2.92k | -9.71 | 11.3k | -370 | -12.5k | 4.85 | -7.61k | 175 |
| 1 | 8 | Min | -92.8k | -6.89k | -19.6k | -6.25 | -619 | -987 | -752 | 13.1 | -33.6k | 1.92 | -8.87k | -20.2 | -17.0k | -2.32k | -42.4k | -0.328 | -22.4k | -105 |
| 1 | 8 | Max | 110k | 5.81k | 17.9k | 9.06 | 250 | 833 | -122 | 71.0 | 5.60k | 10.4 | 474 | -3.72 | 27.5k | 735 | 4.62k | 7.77 | 829 | 333 |
| 2 | 1 | Min | 3.46k | 4.91 | 75.4k | -20.3 | -32.4k | 9.65 | 3.46k | 4.91 | -4.94k | -20.3 | 39.4k | -3.77m | 3.46k | 4.91 | -91.6k | -20.3 | -51.8k | -13.8 |
| 2 | 1 | Max | 3.75k | 7.01 | 81.7k | -17.7 | -31.1k | 13.8 | 3.75k | 7.01 | -3.60k | -17.7 | 43.0k | -2.64m | 3.75k | 7.01 | -82.6k | -17.7 | -45.2k | -9.66 |
| 2 | 4 | Max | 1.93k | 4.01 | 40.4k | -11.2 | -17.1k | 7.89 | 1.93k | 4.01 | -1.33k | -11.2 | 21.2k | -2.16m | 1.93k | 4.01 | -43.0k | -11.2 | -22.4k | -7.89 |
| 2 | 5 | Max | 1.65k | 3.28 | 37.2k | -9.63 | -15.7k | 6.45 | 1.65k | 3.28 | -1.26k | -9.63 | 19.6k | -1.76m | 1.65k | 3.28 | -39.7k | -9.63 | -20.6k | -6.45 |
| 2 | 7 | Min | 1.49k | 3.36 | 37.5k | -12.5 | -22.3k | 6.61 | 1.49k | 3.36 | -4.20k | -12.5 | 20.7k | -2.51m | 1.49k | 3.36 | -45.9k | -12.5 | -28.5k | -9.17 |
| 2 | 7 | Max | 2.37k | 4.66 | 43.2k | -9.90 | -12.0k | 9.16 | 2.37k | 4.66 | 1.54k | -9.90 | 21.7k | -1.81m | 2.37k | 4.66 | -40.2k | -9.90 | -16.2k | -6.61 |
| 2 | 8 | Min | 348 | 1.68 | 29.8k | -15.8 | -36.0k | 3.30 | 348 | 1.68 | -11.9k | -15.8 | 19.4k | -3.41m | 348 | 1.68 | -53.6k | -15.8 | -44.8k | -12.5 |
| 2 | 8 | Max | 3.51k | 6.35 | 50.9k | -6.63 | 1.80k | 12.5 | 3.51k | 6.35 | 9.20k | -6.63 | 23.1k | -0.90m | 3.51k | 6.35 | -32.5k | -6.63 | 119 | -3.30 |
| 3 | 1 | Min | -6.19k | -10.7 | 69.6k | 26.7 | -57.3k | -22.0 | -6.19k | -10.7 | 7.99k | 26.7 | 36.8k | 0 | -6.19k | -10.7 | -103k | 26.7 | -51.5k | 19.1 |
| 3 | 1 | Max | -5.95k | -9.27 | 79.2k | 28.5 | -51.0k | -19.1 | -5.95k | -9.27 | 8.22k | 28.5 | 39.0k | 0 | -5.95k | -9.27 | -98.3k | 28.5 | -48.1k | 22.0 |
| 3 | 4 | Max | -3.19k | -5.76 | 34.9k | 14.9 | -25.5k | -11.8 | -3.19k | -5.76 | 4.19k | 14.9 | 18.8k | 0 | -3.19k | -5.76 | -50.4k | 14.9 | -24.7k | 11.8 |
| 3 | 5 | Max | -2.76k | -4.88 | 32.1k | 12.8 | -23.4k | -10.0 | -2.76k | -4.88 | 3.65k | 12.8 | 16.8k | 0 | -2.76k | -4.88 | -44.9k | 12.8 | -22.2k | 10.0 |
| 3 | 7 | Min | -3.41k | -6.14 | 33.6k | 12.8 | -27.9k | -12.6 | -3.41k | -6.14 | 2.84k | 12.8 | 18.4k | 0 | -3.41k | -6.14 | -51.8k | 12.8 | -27.8k | 11.1 |
| 3 | 7 | Max | -2.97k | -5.39 | 36.3k | 16.9 | -23.1k | -11.1 | -2.97k | -5.39 | 5.54k | 16.9 | 19.1k | 0 | -2.97k | -5.39 | -49.1k | 16.9 | -21.6k | 12.6 |
| 3 | 8 | Min | -3.96k | -7.09 | 30.0k | 7.38 | -34.4k | -14.6 | -3.96k | -7.09 | -756 | 7.38 | 17.4k | 0 | -3.96k | -7.09 | -55.4k | 7.38 | -36.2k | 9.12 |
| 3 | 8 | Max | -2.42k | -4.44 | 39.9k | 22.4 | -16.6k | -9.12 | -2.42k | -4.44 | 9.14k | 22.4 | 20.1k | 0 | -2.42k | -4.44 | -45.5k | 22.4 | -13.2k | 14.6 |
| 4 | 1 | Min | 9.54k | 44.8 | 69.3k | -14.7 | -33.8k | 47.1 | 9.54k | 44.8 | 6.35k | -14.7 | 8.75k | 70.8m | 9.54k | 44.8 | -46.3k | -14.7 | -13.3k | -57.8 |
| 4 | 1 | Max | 9.76k | 55.0 | 73.3k | -6.98 | -30.4k | 57.8 | 9.76k | 55.0 | 9.39k | -6.98 | 9.04k | 86.9m | 9.76k | 55.0 | -45.6k | -6.98 | -10.9k | -47.1 |
| 4 | 4 | Max | 5.04k | 20.7 | 35.1k | -8.90 | -14.9k | 21.8 | 5.04k | 20.7 | 2.73k | -8.90 | 4.65k | 32.7m | 5.04k | 20.7 | -24.3k | -8.90 | -7.22k | -21.8 |
| 4 | 5 | Max | 4.50k | 19.2 | 31.4k | -6.82 | -13.5k | 20.2 | 4.50k | 19.2 | 2.76k | -6.82 | 4.20k | 30.4m | 4.50k | 19.2 | -21.3k | -6.82 | -6.00k | -20.2 |
| 4 | 7 | Min | 4.42k | 13.7 | 33.0k | -11.7 | -18.0k | 14.4 | 4.42k | 13.7 | 632 | -11.7 | 3.77k | 21.6m | 4.42k | 13.7 | -26.3k | -11.7 | -8.63k | -29.1 |
| 4 | 7 | Max | 5.65k | 27.8 | 37.2k | -6.07 | -11.9k | 29.1 | 5.65k | 27.8 | 4.83k | -6.07 | 5.53k | 43.8m | 5.65k | 27.8 | -22.2k | -6.07 | -5.80k | -14.4 |
| 4 | 8 | Min | 2.78k | -5.16 | 27.5k | -19.3 | -26.0k | -5.42 | 2.78k | -5.16 | -4.91k | -19.3 | 1.44k | -8.14m | 2.78k | -5.16 | -31.9k | -19.3 | -12.3k | -48.9 |
| 4 | 8 | Max | 7.29k | 46.6 | 42.8k | 1.48 | -3.83k | 48.9 | 7.29k | 46.6 | 10.4k | 1.48 | 7.86k | 73.5m | 7.29k | 46.6 | -16.6k | 1.48 | -2.09k | 5.42 |
| 5 | 1 | Min | -7.05k | 0.798 | 28.5k | -12.7 | -14.8k | 1.98 | -7.05k | 0.798 | -2.01k | -12.7 | 22.4k | 0 | -7.05k | 0.798 | -42.8k | -12.7 | -24.2k | -3.09 |
| 5 | 1 | Max | -5.25k | 1.24 | 39.0k | -11.8 | -10.5k | 3.09 | -5.25k | 1.24 | -1.90k | -11.8 | 31.3k | 0 | -5.25k | 1.24 | -32.5k | -11.8 | -20.5k | -1.98 |
| 5 | 4 | Max | -2.18k | 0.787 | 14.1k | -7.14 | -6.05k | 1.95 | -2.18k | 0.787 | -1.03k | -7.14 | 10.2k | 0 | -2.18k | 0.787 | -16.2k | -7.14 | -11.2k | -1.95 |
| 5 | 5 | Max | -2.07k | 0.657 | 14.2k | -6.31 | -6.35k | 1.63 | -2.07k | 0.657 | -885 | -6.31 | 10.2k | 0 | -2.07k | 0.657 | -16.0k | -6.31 | -10.7k | -1.63 |
| 5 | 7 | Min | -3.29k | 14.3m | 12.9k | -8.99 | -8.97k | 35.4m | -3.29k | 14.3m | -2.25k | -8.99 | 10.1k | 0 | -3.29k | 14.3m | -17.4k | -8.99 | -14.3k | -3.87 |
| 5 | 7 | Max | -1.08k | 1.56 | 15.3k | -5.29 | -3.13k | 3.87 | -1.08k | 1.56 | 176 | -5.29 | 10.4k | 0 | -1.08k | 1.56 | -15.0k | -5.29 | -8.09k | -35.4m |
| 5 | 8 | Min | -6.26k | -2.06 | 9.68k | -13.9 | -16.8k | -5.12 | -6.26k | -2.06 | -5.48k | -13.9 | 9.72k | 0 | -6.26k | -2.06 | -20.7k | -13.9 | -22.6k | -9.03 |
| 5 | 8 | Max | 1.89k | 3.63 | 18.6k | -0.328 | 4.67k | 9.03 | 1.89k | 3.63 | 3.41k | -0.328 | 10.7k | 0 | 1.89k | 3.63 | -11.8k | -0.328 | 209 | 5.12 |
| 6 | 1 | Min | -7.28k | -64.8 | 30.8k | 33.0 | -9.48k | -76.6 | -7.28k | -64.8 | 2.19k | 33.0 | 10.7k | -1.13 | -7.28k | -64.8 | -32.8k | 33.0 | -5.91k | 60.1 |
| 6 | 1 | Max | -5.99k | -50.8 | 34.1k | 41.0 | -8.80k | -60.1 | -5.99k | -50.8 | 2.67k | 41.0 | 12.2k | -0.889 | -5.99k | -50.8 | -30.4k | 41.0 | -5.56k | 76.6 |
| 6 | 4 | Max | -4.41k | -24.2 | 20.1k | 16.4 | -5.21k | -28.6 | -4.41k | -24.2 | 1.25k | 16.4 | 7.45k | -0.424 | -4.41k | -24.2 | -20.6k | 16.4 | -3.90k | 28.6 |
| 6 | 5 | Max | -3.86k | -23.2 | 17.9k | 15.6 | -4.57k | -27.4 | -3.86k | -23.2 | 966 | 15.6 | 6.67k | -0.406 | -3.86k | -23.2 | -18.9k | 15.6 | -3.87k | 27.4 |
| 6 | 7 | Min | -6.88k | -27.3 | 17.7k | 12.6 | -9.92k | -32.3 | -6.88k | -27.3 | -1.17k | 12.6 | 5.50k | -0.479 | -6.88k | -27.3 | -23.0k | 12.6 | -5.09k | 25.0 |
| 6 | 7 | Max | -1.93k | -21.1 | 22.5k | 20.1 | -504 | -25.0 | -1.93k | -21.1 | 3.68k | 20.1 | 9.40k | -0.369 | -1.93k | -21.1 | -18.1k | 20.1 | -2.71k | 32.3 |
| 6 | 8 | Min | -13.5k | -35.7 | 11.2k | 2.68 | -22.5k | -42.2 | -13.5k | -35.7 | -7.64k | 2.68 | 250 | -0.625 | -13.5k | -35.7 | -29.5k | 2.68 | -8.11k | 15.1 |
| 6 | 8 | Max | 4.73k | -12.8 | 29.0k | 30.0 | 12.1k | -15.1 | 4.73k | -12.8 | 10.1k | 30.0 | 14.6k | -0.223 | 4.73k | -12.8 | -11.7k | 30.0 | 317 | 42.2 |
| 7 | 1 | Min | -6.61k | 4.72 | 30.6k | -3.04 | -4.44k | 4.55 | -6.61k | 4.72 | 1.68k | -3.04 | 11.2k | 0 | -6.61k | 4.72 | -29.3k | -3.04 | -1.14k | -5.16 |
| 7 | 1 | Max | -5.82k | 5.35 | 33.1k | -2.69 | -4.37k | 5.16 | -5.82k | 5.35 | 1.90k | -2.69 | 12.5k | 0 | -5.82k | 5.35 | -27.2k | -2.69 | -775 | -4.55 |
| 7 | 4 | Max | -3.90k | 3.47 | 20.9k | -1.98 | -3.16k | 3.35 | -3.90k | 3.47 | 1.28k | -1.98 | 7.55k | 0 | -3.90k | 3.47 | -18.3k | -1.98 | -695 | -3.35 |
| 7 | 5 | Max | -3.45k | 3.19 | 19.2k | -1.81 | -3.09k | 3.07 | -3.45k | 3.19 | 1.19k | -1.81 | 6.80k | 0 | -3.45k | 3.19 | -16.9k | -1.81 | -787 | -3.07 |
| 7 | 7 | Min | -6.01k | -0.448 | 18.6k | -4.09 | -7.45k | -0.433 | -6.01k | -0.448 | -1.01k | -4.09 | 5.17k | 0 | -6.01k | -0.448 | -20.6k | -4.09 | -2.38k | -7.14 |
| 7 | 7 | Max | -1.79k | 7.39 | 23.2k | 0.136 | 1.13k | 7.14 | -1.79k | 7.39 | 3.56k | 0.136 | 9.94k | 0 | -1.79k | 7.39 | -16.0k | 0.136 | 992 | 0.433 |
| 7 | 8 | Min | -11.7k | -10.8 | 12.5k | -9.68 | -19.0k | -10.5 | -11.7k | -10.8 | -7.07k | -9.68 | -1.22k | 0 | -11.7k | -10.8 | -26.7k | -9.68 | -6.68k | -17.2 |
| 7 | 8 | Max | 3.87k | 17.8 | 29.2k | 5.73 | 12.7k | 17.2 | 3.87k | 17.8 | 9.62k | 5.73 | 16.3k | 0 | 3.87k | 17.8 | -9.98k | 5.73 | 5.29k | 10.5 |
| 8 | 1 | Min | 5.51k | 10.5 | 22.2k | -8.50 | 6.08k | 12.2 | 5.51k | 10.5 | -10.8k | -8.50 | 13.0k | -0.192 | 5.51k | 10.5 | -41.7k | -8.50 | -15.8k | -13.0 |
| 8 | 1 | Max | 6.10k | 11.2 | 24.1k | -8.10 | 7.03k | 13.0 | 6.10k | 11.2 | -9.90k | -8.10 | 14.5k | -0.180 | 6.10k | 11.2 | -38.0k | -8.10 | -14.7k | -12.2 |
| 8 | 4 | Max | 3.73k | 7.43 | 15.0k | -5.46 | 3.94k | 8.64 | 3.73k | 7.43 | -6.42k | -5.46 | 8.79k | -0.128 | 3.73k | 7.43 | -24.9k | -5.46 | -9.37k | -8.64 |
| 8 | 5 | Max | 3.37k | 7.02 | 13.8k | -5.10 | 3.39k | 8.16 | 3.37k | 7.02 | -5.76k | -5.10 | 7.90k | -0.120 | 3.37k | 7.02 | -22.4k | -5.10 | -8.46k | -8.15 |
| 8 | 7 | Min | 2.15k | -4.50 | 9.04k | -7.42 | -3.48k | -5.23 | 2.15k | -4.50 | -12.4k | -7.42 | 8.22k | -0.339 | 2.15k | -4.50 | -30.9k | -7.42 | -15.9k | -22.5 |
| 8 | 7 | Max | 5.31k | 19.4 | 21.1k | -3.49 | 11.4k | 22.5 | 5.31k | 19.4 | -410 | -3.49 | 9.37k | 83.9m | 5.31k | 19.4 | -18.9k | -3.49 | -2.82k | 5.22 |
| 8 | 8 | Min | -1.98k | -36.5 | -7.09k | -12.6 | -23.4k | -42.4 | -1.98k | -36.5 | -28.5k | -12.6 | 6.72k | -0.907 | -1.98k | -36.5 | -47.1k | -12.6 | -33.5k | -59.7 |
| 8 | 8 | Max | 9.43k | 51.4 | 37.2k | 1.66 | 31.3k | 59.7 | 9.43k | 51.4 | 15.7k | 1.66 | 10.9k | 0.651 | 9.43k | 51.4 | -2.81k | 1.66 | 14.8k | 42.4 |
| 9 | 1 | Min | -1.64k | -5.94k | 2.46k | 8.10 | -2.63k | -783 | -1.74k | 126 | -7.98k | 3.45 | -1.50k | -52.7 | 42.9k | -3.40k | -29.3k | -2.33 | -16.5k | 390 |
| 9 | 1 | Max | -1.31k | -4.86k | 3.26k | 8.71 | -2.50k | -642 | -1.35k | 137 | -6.35k | 3.77 | -1.40k | -48.4 | 43.1k | -2.96k | -27.7k | -1.48 | -15.7k | 449 |
| 9 | 4 | Max | 152 | -3.74k | 1.03k | 4.44 | -1.46k | -494 | -830 | 68.9 | -3.21k | 2.27 | -705 | -26.5 | 23.1k | -1.60k | -15.4k | -0.581 | -8.77k | 211 |
| 9 | 5 | Max | 405 | -3.33k | 960 | 4.10 | -1.30k | -440 | -625 | 64.0 | -3.10k | 2.05 | -632 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 11 | 8 | Min | -660 | -1.04 | 24.0k | -5.82 | -36.0k | -2.00 | -660 | -1.04 | -7.39k | -5.82 | 6.49k | 0 | -660 | -1.04 | -44.4k | -5.82 | -41.1k | -1.88 |
| 11 | 8 | Max | 1.17k | 0.977 | 39.9k | 7.76 | -8.46k | 1.88 | 1.17k | 0.977 | 8.57k | 7.76 | 13.5k | 0 | 1.17k | 0.977 | -28.4k | 7.76 | -6.14k | 2.00 |
| 12 | 1 | Min | 138 | 0.805 | 66.5k | -8.20 | -40.8k | 1.90 | 138 | 0.805 | -697 | -8.20 | 38.6k | 0.51m | 138 | 0.805 | -64.1k | -8.20 | -36.3k | -2.06 |
| 12 | 1 | Max | 189 | 0.871 | 72.1k | -7.55 | -37.2k | 2.06 | 189 | 0.871 | -567 | -7.55 | 41.8k | 0.55m | 189 | 0.871 | -58.7k | -7.55 | -33.3k | -1.90 |
| 12 | 4 | Max | 127 | 0.562 | 45.0k | -5.29 | -25.5k | 1.33 | 127 | 0.562 | -444 | -5.29 | 25.6k | 0.36m | 127 | 0.562 | -38.8k | -5.29 | -22.1k | -1.33 |
| 12 | 5 | Max | 112 | 0.522 | 41.3k | -4.91 | -23.4k | 1.23 | 112 | 0.522 | -470 | -4.91 | 23.4k | 0.33m | 112 | 0.522 | -35.2k | -4.91 | -20.1k | -1.23 |
| 12 | 7 | Min | -187 | 0.162 | 43.5k | -7.91 | -29.9k | 0.382 | -187 | 0.162 | -1.96k | -7.91 | 24.8k | 0.10m | -187 | 0.162 | -40.3k | -7.91 | -24.9k | -2.27 |
| 12 | 7 | Max | 440 | 0.962 | 46.5k | -2.66 | -21.2k | 2.27 | 440 | 0.962 | 1.08k | -2.66 | 26.5k | 0.61m | 440 | 0.962 | -37.3k | -2.66 | -19.3k | -0.382 |
| 12 | 8 | Min | -1.02k | -0.882 | 39.6k | -14.8 | -41.0k | -2.08 | -1.02k | -0.882 | -5.86k | -14.8 | 22.7k | -0.56m | -1.02k | -0.882 | -44.2k | -14.8 | -32.3k | -4.73 |
| 12 | 8 | Max | 1.28k | 2.01 | 50.4k | 4.24 | -10.1k | 4.73 | 1.28k | 2.01 | 4.97k | 4.24 | 28.5k | 1.28m | 1.28k | 2.01 | -33.4k | 4.24 | -11.9k | 2.08 |
| 13 | 1 | Min | 18.6k | -26.2k | -5.44k | -7.30 | -2.08k | -3.72k | -1.10k | 43.7 | -435 | 2.55 | -227 | 0 | -5.91k | -1.38k | -3.88k | -5.23 | -835 | 193 |
| 13 | 1 | Max | 19.5k | -24.2k | -5.25k | -6.92 | -1.82k | -3.43k | -997 | 48.1 | -324 | 2.80 | -192 | 0 | -5.21k | -1.36k | -3.82k | -4.95 | -826 | 196 |
| 13 | 4 | Max | 13.1k | -16.2k | -3.56k | -4.85 | -1.14k | -2.30k | -624 | 30.2 | -228 | 1.76 | -98.4 | 0 | -2.76k | -898 | -2.48k | -3.20 | -519 | 127 |
| 13 | 5 | Max | 12.5k | -14.9k | -3.38k | -4.59 | -967 | -2.10k | -550 | 27.7 | -248 | 1.61 | -72.9 | 0 | -2.17k | -854 | -2.34k | -2.95 | -491 | 121 |
| 13 | 7 | Min | -31.7k | -23.0k | -11.8k | -18.1 | -4.98k | -3.26k | -1.05k | 20.8 | -3.16k | 1.22 | -246 | 0 | -21.4k | -5.81k | -5.25k | -9.92 | -1.51k | -569 |
| 13 | 7 | Max | 57.8k | -9.44k | 4.66k | 8.39 | 2.71k | -1.34k | -200 | 39.5 | 2.70k | 2.31 | 48.7 | 0 | 15.9k | 4.02k | 296 | 3.51 | 476 | 823 |
| 13 | 8 | Min | -147k | -41.3k | -32.8k | -53.8 | -14.9k | -5.85k | -2.14k | -2.61 | -10.9k | -0.152 | -624 | 0 | -69.6k | -19.0k | -12.3k | -27.9 | -4.06k | -2.44k |
| 13 | 8 | Max | 173k | 8.84k | 25.7k | 44.1 | 12.6k | 1.25k | 890 | 63.0 | 10.4k | 3.68 | 427 | 0 | 64.1k | 17.2k | 7.34k | 21.5 | 3.02k | 2.69k |
| 14 | 1 | Min | 5.29k | 0.221 | 49.6k | 12.5 | -20.7k | 0.469 | 5.29k | 0.221 | 467 | 12.5 | 32.0k | 3.75m | 5.29k | 0.221 | -49.7k | 12.5 | -20.5k | -1.39 |
| 14 | 1 | Max | 5.54k | 0.654 | 49.8k | 12.8 | -20.6k | 1.38 | 5.54k | 0.654 | 529 | 12.8 | 32.1k | 11.1m | 5.54k | 0.654 | -49.3k | 12.8 | -20.1k | -0.469 |
| 14 | 4 | Max | 3.32k | 0.576 | 28.6k | 6.95 | -12.3k | 1.22 | 3.32k | 0.576 | 596 | 6.95 | 18.3k | 9.74m | 3.32k | 0.576 | -27.8k | 6.95 | -10.8k | -1.22 |
| 14 | 5 | Max | 3.04k | 0.510 | 26.2k | 6.17 | -11.4k | 1.08 | 3.04k | 0.510 | 631 | 6.17 | 16.8k | 8.64m | 3.04k | 0.510 | -25.4k | 6.17 | -9.66k | -1.08 |
| 14 | 7 | Min | 2.66k | -1.63 | 27.1k | 5.93 | -15.2k | -3.45 | 2.66k | -1.63 | -878 | 5.93 | 18.0k | -29.8m | 2.66k | -1.63 | -29.3k | 5.93 | -14.1k | -5.89 |
| 14 | 7 | Max | 3.99k | 2.78 | 30.0k | 7.98 | -9.39k | 5.89 | 3.99k | 2.78 | 2.07k | 7.98 | 18.6k | 49.3m | 3.99k | 2.78 | -26.4k | 7.98 | -7.42k | 3.45 |
| 14 | 8 | Min | 967 | -7.53 | 23.2k | 3.23 | -22.9k | -15.9 | 967 | -7.53 | -4.78k | 3.23 | 17.3k | -0.136 | 967 | -7.53 | -33.2k | 3.23 | -23.0k | -18.4 |
| 14 | 8 | Max | 5.68k | 8.68 | 33.9k | 10.7 | -1.72k | 18.4 | 5.68k | 8.68 | 5.97k | 10.7 | 19.3k | 0.155 | 5.68k | 8.68 | -22.5k | 10.7 | 1.44k | 15.9 |
| 15 | 1 | Min | 10.9k | -2.87m | 20.2k | -0.322 | -17.8k | -2.56m | 10.9k | -2.87m | -543 | -0.322 | -8.86k | 0 | 10.9k | -2.87m | -21.3k | -0.322 | -18.5k | -0.314 |
| 15 | 1 | Max | 11.3k | 0.353 | 20.5k | -0.160 | -17.3k | 0.314 | 11.3k | 0.353 | -402 | -0.160 | -8.52k | 0 | 11.3k | 0.353 | -21.3k | -0.160 | -18.3k | 2.56m |
| 15 | 4 | Max | 5.70k | -0.576 | 11.4k | 0.170 | -9.11k | -0.513 | 5.70k | -0.576 | -497 | 0.170 | -4.28k | 0 | 5.70k | -0.576 | -12.3k | 0.170 | -10.0k | 0.513 |
| 15 | 5 | Max | 5.08k | -0.658 | 10.4k | 0.216 | -8.17k | -0.586 | 5.08k | -0.658 | -489 | 0.216 | -3.78k | 0 | 5.08k | -0.658 | -11.3k | 0.216 | -9.04k | 0.586 |
| 15 | 7 | Min | 5.26k | -3.50 | 10.7k | -1.12 | -9.80k | -3.11 | 5.26k | -3.50 | -1.11k | -1.12 | -4.75k | 0 | 5.26k | -3.50 | -13.0k | -1.12 | -10.7k | -2.09 |
| 15 | 7 | Max | 6.13k | 2.34 | 12.0k | 1.46 | -8.42k | 2.09 | 6.13k | 2.34 | 121 | 1.46 | -3.82k | 0 | 6.13k | 2.34 | -11.7k | 1.46 | -9.28k | 3.11 |
| 15 | 8 | Min | 4.13k | -10.8 | 9.19k | -4.35 | -11.6k | -9.62 | 4.13k | -10.8 | -2.66k | -4.35 | -5.96k | 0 | 4.13k | -10.8 | -14.5k | -4.35 | -12.5k | -8.60 |
| 15 | 8 | Max | 7.27k | 9.66 | 13.5k | 4.69 | -6.67k | 8.60 | 7.27k | 9.66 | 1.67k | 4.69 | -2.61k | 0 | 7.27k | 9.66 | -10.2k | 4.69 | -7.46k | 9.62 |
| 16 | 1 | Min | -10.7k | 3.88 | 46.4k | -8.79 | -21.1k | 7.90 | -10.7k | 3.88 | -1.45k | -8.79 | 25.2k | -71.2m | -10.7k | 3.88 | -48.8k | -8.79 | -25.3k | -8.26 |
| 16 | 1 | Max | -10.7k | 4.07 | 46.8k | -8.43 | -20.9k | 8.26 | -10.7k | 4.07 | -1.43k | -8.43 | 25.3k | -68.0m | -10.7k | 4.07 | -48.5k | -8.43 | -25.2k | -7.90 |
| 16 | 4 | Max | -6.19k | 2.57 | 26.4k | -5.35 | -11.7k | 5.22 | -6.19k | 2.57 | -920 | -5.35 | 14.4k | -45.0m | -6.19k | 2.57 | -27.7k | -5.35 | -14.5k | -5.22 |
| 16 | 5 | Max | -5.69k | 2.50 | 24.1k | -5.13 | -10.6k | 5.08 | -5.69k | 2.50 | -863 | -5.13 | 13.2k | -43.7m | -5.69k | 2.50 | -25.4k | -5.13 | -13.3k | -5.08 |
| 16 | 7 | Min | -7.63k | 1.99 | 24.5k | -6.45 | -14.3k | 4.05 | -7.63k | 1.99 | -2.77k | -6.45 | 13.2k | -55.1m | -7.63k | 1.99 | -29.6k | -6.45 | -19.4k | -6.39 |
| 16 | 7 | Max | -4.74k | 3.15 | 28.2k | -4.24 | -9.09k | 6.39 | -4.74k | 3.15 | 927 | -4.24 | 15.6k | -34.9m | -4.74k | 3.15 | -25.9k | -4.24 | -9.57k | -4.05 |
| 16 | 8 | Min | -11.3k | 0.584 | 19.7k | -9.24 | -21.1k | 1.19 | -11.3k | 0.584 | -7.59k | -9.24 | 10.0k | -79.7m | -11.3k | 0.584 | -34.4k | -9.24 | -32.2k | -9.26 |
| 16 | 8 | Max | -1.06k | 4.55 | 33.0k | -1.45 | -2.25k | 9.26 | -1.06k | 4.55 | 7.55k | -1.45 | 18.7k | -10.2m | -1.06k | 4.55 | -21.1k | -1.45 | 3.24k | -1.19 |
| 17 | 1 | Min | 919 | 48.2 | 16.5k | -23.9 | -9.99k | 57.8 | 919 | 48.2 | 4.17k | -23.9 | 5.25k | 0 | 919 | 48.2 | -8.47k | -23.9 | 1.51k | -64.7 |
| 17 | 1 | Max | 1.04k | 53.9 | 18.8k | -21.3 | -8.50k | 64.7 | 1.04k | 53.9 | 5.15k | -21.3 | 5.90k | 0 | 1.04k | 53.9 | -8.17k | -21.3 | 2.36k | -57.8 |
| 17 | 4 | Max | 529 | 30.5 | 10.5k | -13.4 | -5.23k | 36.6 | 529 | 30.5 | 2.43k | -13.4 | 3.33k | 0 | 529 | 30.5 | -5.63k | -13.4 | 593 | -36.6 |
| 17 | 5 | Max | 438 | 26.6 | 9.08k | -11.7 | -4.34k | 32.0 | 438 | 26.6 | 1.86k | -11.7 | 2.91k | 0 | 438 | 26.6 | -5.35k | -11.7 | 133 | -32.0 |
| 17 | 7 | Min | -405 | 26.9 | 5.62k | -15.3 | -10.8k | 32.3 | -405 | 26.9 | -2.44k | -15.3 | 3.04k | 0 | -405 | 26.9 | -10.5k | -15.3 | -5.51k | -40.9 |
| 17 | 7 | Max | 1.46k | 34.1 | 15.3k | -11.5 | 343 | 40.9 | 1.46k | 34.1 | 7.29k | -11.5 | 3.63k | 0 | 1.46k | 34.1 | -771 | -11.5 | 6.69k | -32.3 |
| 17 | 8 | Min | -2.65k | 19.1 | -6.32k | -19.5 | -24.4k | 23.0 | -2.65k | 19.1 | -14.4k | -19.5 | 2.28k | 0 | -2.65k | 19.1 | -22.4k | -19.5 | -20.5k | -50.2 |
| 17 | 8 | Max | 3.71k | 41.9 | 27.3k | -7.35 | 14.0k | 50.2 | 3.71k | 41.9 | 19.2k | -7.35 | 4.39k | 0 | 3.71k | 41.9 | 11.2k | -7.35 | 21.7k | -23.0 |
| 18 | 1 | Min | 5.23k | -1.18 | 63.0k | -4.96 | -28.7k | -2.54 | 5.23k | -1.18 | -2.06k | -4.96 | 47.1k | -20.6m | 5.23k | -1.18 | -125k | -4.96 | -76.5k | 2.31 |
| 18 | 1 | Max | 5.85k | -1.07 | 70.2k | -4.70 | -25.7k | -2.31 | 5.85k | -1.07 | -1.96k | -4.70 | 52.7k | -18.8m | 5.85k | -1.07 | -111k | -4.70 | -68.2k | 2.54 |
| 18 | 4 | Max | 3.34k | -0.709 | 40.4k | -3.10 | -16.3k | -1.53 | 3.34k | -0.709 | -1.46k | -3.10 | 29.9k | -12.4m | 3.34k | -0.709 | -70.2k | -3.10 | -43.3k | 1.53 |
| 18 | 5 | Max | 2.92k | -0.639 | 35.6k | -2.86 | -14.3k | -1.38 | 2.92k | -0.639 | -1.41k | -2.86 | 26.1k | -11.2m | 2.92k | -0.639 | -61.1k | -2.86 | -37.9k | 1.38 |
| 18 | 7 | Min | 2.72k | -1.37 | 38.6k | -12.5 | -21.3k | -2.95 | 2.72k | -1.37 | -3.25k | -12.5 | 28.6k | -24.0m | 2.72k | -1.37 | -72.0k | -12.5 | -46.1k | 99.9m |
| 18 | 7 | Max | 3.95k | -46.4m | 42.2k | 6.29 | -11.3k | -99.9m | 3.95k | -46.4m | 327 | 6.29 | 31.2k | -0.81m | 3.95k | -46.4m | -68.4k | 6.29 | -40.6k | 2.95 |
| 18 | 8 | Min | 1.12k | -3.02 | 34.1k | -35.4 | -33.8k | -6.49 | 1.12k | -3.02 | -7.74k | -35.4 | 25.3k | -52.8m | 1.12k | -3.02 | -76.5k | -35.4 | -53.0k | -3.44 |
| 18 | 8 | Max | 5.55k | 1.60 | 46.7k | 29.2 | 1.25k | 3.44 | 5.55k | 1.60 | 4.82k | 29.2 | 34.4k | 27.9m | 5.55k | 1.60 | -63.9k | 29.2 | -33.7k | 6.49 |
| 19 | 1 | Min | 10.6k | -7.31 | 107k | -16.6 | -72.5k | -15.7 | 10.6k | -7.31 | -5.00k | -16.6 | 40.8k | 0.320 | 10.6k | -7.31 | -77.1k | -16.6 | -48.8k | 13.8 |
| 19 | 1 | Max | 11.9k | -6.40 | 120k | -14.4 | -64.9k | -13.8 | 11.9k | -6.40 | -4.24k | -14.4 | 45.7k | 0.366 | 11.9k | -6.40 | -69.1k | -14.4 | -43.4k | 15.7 |
| 19 | 4 | Max | 6.68k | -3.78 | 67.7k | -8.52 | -41.2k | -8.13 | 6.68k | -3.78 | -2.44k | -8.52 | 25.9k | 0.189 | 6.68k | -3.78 | -44.2k | -8.52 | -27.4k | 8.13 |
| 19 | 5 | Max | 5.81k | -3.14 | 58.9k | -7.03 | -36.1k | -6.75 | 5.81k | -3.14 | -1.95k | -7.03 | 22.6k | 0.157 | 5.81k | -3.14 | -38.8k | -7.03 | -23.9k | 6.75 |
| 19 | 7 | Min | 5.58k | -6.06 | 65.7k | -15.1 | -44.5k | -13.0 | 5.58k | -6.06 | -4.46k | -15.1 | 24.6k | 75.0m | 5.58k | -6.06 | -46.2k | -15.1 | -32.8k | 3.22 |
| 19 | 7 | Max | 7.78k | -1.50 | 69.7k | -1.90 | -38.0k | -3.22 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|
| 22 | 1 | Min | 2.63k | -18.3 | 79.0k | -40.1 | -32.2k | -29.1 | 2.63k | -18.3 | 5.60k | -40.1 | 34.6k | -0.376 | 2.63k | -18.3 | -51.1k | -40.1 | -1.11k | 26.2 |
| 22 | 1 | Max | 2.99k | -16.4 | 88.7k | -36.0 | -28.8k | -26.1 | 2.99k | -16.4 | 6.19k | -36.0 | 38.8k | -0.337 | 2.99k | -16.4 | -45.8k | -36.0 | -1.05k | 29.1 |
| 22 | 4 | Max | 1.62k | -10.4 | 49.8k | -22.8 | -18.3k | -16.5 | 1.62k | -10.4 | 3.65k | -22.8 | 21.8k | -0.213 | 1.62k | -10.4 | -29.2k | -22.8 | -723 | 16.5 |
| 22 | 5 | Max | 1.39k | -9.11 | 43.3k | -19.9 | -16.0k | -14.5 | 1.39k | -9.11 | 3.26k | -19.9 | 19.0k | -0.187 | 1.39k | -9.11 | -25.6k | -19.9 | -679 | 14.5 |
| 22 | 7 | Min | -274 | -12.2 | 45.1k | -25.5 | -25.0k | -19.4 | -274 | -12.2 | -1.00k | -25.5 | 20.4k | -0.252 | -274 | -12.2 | -33.8k | -25.5 | -8.91k | 13.6 |
| 22 | 7 | Max | 3.52k | -8.56 | 54.4k | -20.1 | -11.5k | -13.6 | 3.52k | -8.56 | 8.30k | -20.1 | 23.2k | -0.174 | 3.52k | -8.56 | -24.5k | -20.1 | 7.47k | 19.5 |
| 22 | 8 | Min | -5.15k | -17.1 | 33.0k | -32.5 | -42.9k | -27.2 | -5.15k | -17.1 | -13.2k | -32.5 | 17.4k | -0.356 | -5.15k | -17.1 | -46.0k | -32.5 | -30.1k | 5.89 |
| 22 | 8 | Max | 8.40k | -3.70 | 66.6k | -13.0 | 6.31k | -5.89 | 8.40k | -3.70 | 20.5k | -13.0 | 26.3k | -70.6m | 8.40k | -3.70 | -12.4k | -13.0 | 28.6k | 27.2 |
| 23 | 1 | Min | 15.8k | 58.8 | 44.6k | -17.1 | -29.4k | 59.4 | 15.8k | 58.8 | 16.2k | -17.1 | 4.10k | -0.151 | 15.8k | 58.8 | -25.5k | -17.1 | 1.54k | -93.7 |
| 23 | 1 | Max | 16.2k | 92.8 | 48.9k | -11.3 | -27.4k | 93.7 | 16.2k | 92.8 | 17.1k | -11.3 | 4.87k | -95.9m | 16.2k | 92.8 | -21.7k | -11.3 | 2.12k | -59.4 |
| 23 | 4 | Max | 8.52k | 23.2 | 28.2k | -4.64 | -17.1k | 23.5 | 8.52k | 23.2 | 10.1k | -4.64 | 2.79k | -37.9m | 8.52k | 23.2 | -13.6k | -4.64 | 1.53k | -23.5 |
| 23 | 5 | Max | 7.69k | 24.3 | 25.0k | -4.72 | -15.3k | 24.5 | 7.69k | 24.3 | 9.22k | -4.72 | 2.40k | -39.6m | 7.69k | 24.3 | -11.4k | -4.72 | 1.72k | -24.5 |
| 23 | 7 | Min | 7.91k | 14.1 | 22.5k | -5.41 | -23.2k | 14.2 | 7.91k | 14.1 | 4.40k | -5.41 | 2.44k | -52.8m | 7.91k | 14.1 | -19.4k | -5.41 | -3.94k | -32.7 |
| 23 | 7 | Max | 9.14k | 32.4 | 33.9k | -3.88 | -11.0k | 32.7 | 9.14k | 32.4 | 15.9k | -3.88 | 3.14k | -23.0m | 9.14k | 32.4 | -7.87k | -3.88 | 6.99k | -14.2 |
| 23 | 8 | Min | 6.40k | -10.4 | 7.00k | -7.37 | -39.7k | -10.5 | 6.40k | -10.4 | -11.0k | -7.37 | 1.51k | -92.7m | 6.40k | -10.4 | -34.8k | -7.37 | -18.6k | -57.4 |
| 23 | 8 | Max | 10.6k | 56.8 | 49.4k | -1.92 | 5.56k | 57.4 | 10.6k | 56.8 | 31.3k | -1.92 | 4.08k | 16.9m | 10.6k | 56.8 | 7.58k | -1.92 | 21.7k | 10.5 |
| 24 | 1 | Min | 22.0k | -122 | 12.4k | 20.6 | -2.23k | -148 | 22.0k | -122 | -8.19k | 20.6 | 4.50k | 5.51 | 22.0k | -122 | -44.6k | 20.6 | -25.4k | 133 |
| 24 | 1 | Max | 23.9k | -110 | 14.3k | 22.9 | -1.71k | -133 | 23.9k | -110 | -7.53k | 22.9 | 5.21k | 6.10 | 23.9k | -110 | -39.6k | 22.9 | -22.8k | 148 |
| 24 | 4 | Max | 14.1k | -71.7 | 7.57k | 13.3 | -856 | -86.8 | 14.1k | -71.7 | -4.89k | 13.3 | 2.72k | 3.59 | 14.1k | -71.7 | -24.6k | 13.3 | -14.4k | 86.8 |
| 24 | 5 | Max | 12.7k | -63.9 | 6.34k | 11.8 | -545 | -77.3 | 12.7k | -63.9 | -4.40k | 11.8 | 2.27k | 3.20 | 12.7k | -63.9 | -21.3k | 11.8 | -12.6k | 77.3 |
| 24 | 7 | Min | 12.9k | -77.9 | 5.96k | 12.5 | -2.89k | -94.2 | 12.9k | -77.9 | -6.49k | 12.5 | 2.55k | 3.28 | 12.9k | -77.9 | -26.2k | 12.5 | -16.3k | 79.3 |
| 24 | 7 | Max | 15.3k | -65.5 | 9.17k | 14.1 | 1.18k | -79.3 | 15.3k | -65.5 | -3.28k | 14.1 | 2.89k | 3.89 | 15.3k | -65.5 | -23.0k | 14.1 | -12.5k | 94.2 |
| 24 | 8 | Min | 10.2k | -93.0 | 1.76k | 10.9 | -8.20k | -113 | 10.2k | -93.0 | -10.7k | 10.9 | 2.13k | 2.52 | 10.2k | -93.0 | -30.4k | 10.9 | -21.1k | 61.0 |
| 24 | 8 | Max | 18.0k | -50.4 | 13.4k | 15.8 | 6.49k | -61.0 | 18.0k | -50.4 | 919 | 15.8 | 3.32k | 4.65 | 18.0k | -50.4 | -18.8k | 15.8 | -7.68k | 113 |
| 25 | 1 | Min | 56.0 | -67.3 | -246 | 3.62 | -623 | -9.93 | -718 | 75.5 | -8.56k | 13.7 | -649 | 0 | 48.5k | -11.6k | -21.4k | -3.30 | -3.96k | 1.67k |
| 25 | 1 | Max | 178 | -48.0 | -233 | 3.67 | -582 | -7.09 | -658 | 76.1 | -7.59k | 13.9 | -602 | 0 | 53.5k | -11.3k | -18.8k | -3.13 | -3.34k | 1.71k |
| 25 | 4 | Max | 161 | -19.7 | -91.9 | 2.14 | -370 | -2.90 | -410 | 44.3 | -4.91k | 8.05 | -366 | 0 | 31.1k | -6.66k | -12.3k | -1.67 | -2.22k | 983 |
| 25 | 5 | Max | 215 | -7.61 | -73.7 | 1.96 | -335 | -1.12 | -364 | 40.6 | -4.30k | 7.37 | -324 | 0 | 27.7k | -6.06k | -10.7k | -1.41 | -1.89k | 894 |
| 25 | 7 | Min | -7.60k | -579 | -812 | 0.723 | -652 | -85.4 | -508 | 35.0 | -6.29k | 6.76 | -410 | 0 | 11.8k | -7.68k | -16.6k | -6.67 | -4.57k | 834 |
| 25 | 7 | Max | 7.92k | 539 | 628 | 3.56 | -88.1 | 79.6 | -313 | 53.6 | -3.52k | 9.34 | -323 | 0 | 50.4k | -7.93k | -3.34 | 143 | 1.13k | |
| 25 | 8 | Min | -28.4k | -2.02k | -2.67k | -2.94 | -1.41k | -298 | -769 | 11.0 | -9.94k | 3.43 | -523 | 0 | -39.8k | -10.3k | -28.2k | -19.7 | -10.9k | 450 |
| 25 | 8 | Max | 28.8k | 1.98k | 2.49k | 7.22 | 668 | 292 | -51.6 | 77.7 | 131 | 12.7 | -209 | 0 | 102k | -3.05k | 3.67k | 16.4 | 6.48k | 1.52k |
| 26 | 1 | Min | 61.1k | -116 | 6.56k | 5.64 | 3.27k | -89.5 | 61.1k | -116 | -11.6k | 5.64 | 1.73k | -0.265 | 61.1k | -116 | -30.8k | 5.64 | -14.5k | 79.0 |
| 26 | 1 | Max | 68.0k | -103 | 7.41k | 6.44 | 3.53k | -79.1 | 68.0k | -103 | -10.6k | 6.44 | 1.91k | -0.234 | 68.0k | -103 | -27.8k | 6.44 | -13.1k | 89.5 |
| 26 | 4 | Max | 38.8k | -62.0 | 4.24k | 3.50 | 2.08k | -47.8 | 38.8k | -62.0 | -6.76k | 3.50 | 1.12k | -0.141 | 38.8k | -62.0 | -17.8k | 3.50 | -8.37k | 47.7 |
| 26 | 5 | Max | 34.1k | -52.5 | 3.72k | 2.98 | 1.87k | -40.4 | 34.1k | -52.5 | -6.00k | 2.98 | 995 | -0.120 | 34.1k | -52.5 | -15.8k | 2.98 | -7.41k | 40.4 |
| 26 | 7 | Min | 32.8k | -91.7 | -1.07k | 2.28 | -2.43k | -70.6 | 32.8k | -91.7 | -12.1k | 2.28 | 658 | -0.209 | 32.8k | -91.7 | -23.1k | 2.28 | -12.0k | 24.9 |
| 26 | 7 | Max | 44.8k | -32.4 | 9.55k | 4.72 | 6.60k | -24.9 | 44.8k | -32.4 | -1.45k | 4.72 | 1.58k | -73.7m | 44.8k | -32.4 | -12.5k | 4.72 | -4.70k | 70.6 |
| 26 | 8 | Min | 18.3k | -162 | -14.6k | -0.336 | -13.9k | -125 | 18.3k | -162 | -25.6k | -0.336 | -460 | -0.369 | 18.3k | -162 | -36.6k | -0.336 | -21.4k | -29.1 |
| 26 | 8 | Max | 59.3k | 37.8 | 23.1k | 7.33 | 18.0k | 29.1 | 59.3k | 37.8 | 12.1k | 7.33 | 2.69k | 86.1m | 59.3k | 37.8 | 1.01k | 7.33 | 4.67k | 125 |
| 27 | 1 | Min | -6.64k | -19.6 | 32.5k | 3.29 | -10.2k | -33.3 | -6.64k | -19.6 | -4.78k | 3.29 | 14.6k | -29.5m | -6.64k | -19.6 | -45.6k | 3.29 | -26.6k | 28.6 |
| 27 | 1 | Max | -6.06k | -16.8 | 36.0k | 4.48 | -9.40k | -28.6 | -6.06k | -16.8 | -4.19k | 4.48 | 16.3k | -25.3m | -6.06k | -16.8 | -40.9k | 4.48 | -23.7k | 33.3 |
| 27 | 4 | Max | -3.95k | -11.1 | 21.0k | 2.48 | -6.21k | -18.8 | -3.95k | -11.1 | -2.61k | 2.48 | 9.42k | -16.7m | -3.95k | -11.1 | -26.3k | 2.48 | -15.1k | 18.8 |
| 27 | 5 | Max | -3.54k | -9.54 | 18.7k | 2.01 | -5.65k | -16.2 | -3.54k | -9.54 | -2.23k | 2.01 | 8.33k | -14.4m | -3.54k | -9.54 | -23.2k | 2.01 | -13.3k | 16.2 |
| 27 | 7 | Min | -5.84k | -13.3 | 19.5k | 1.52 | -8.74k | -22.6 | -5.84k | -13.3 | -4.11k | 1.52 | 9.18k | -20.0m | -5.84k | -13.3 | -27.8k | 1.52 | -17.7k | 15.0 |
| 27 | 7 | Max | -2.06k | -8.83 | 22.5k | 3.44 | -3.69k | -15.0 | -2.06k | -8.83 | -1.11k | 3.44 | 9.66k | -13.3m | -2.06k | -8.83 | -24.8k | 3.44 | -12.5k | 22.6 |
| 27 | 8 | Min | -10.5k | -19.1 | 15.5k | -0.933 | -15.5k | -32.5 | -10.5k | -19.1 | -8.15k | -0.933 | 8.60k | -28.8m | -10.5k | -19.1 | -31.8k | -0.933 | -24.7k | 5.19 |
| 27 | 8 | Max | 2.65k | -3.05 | 26.6k | 5.89 | 3.10k | -5.19 | 2.65k | -3.05 | 2.93k | 5.89 | 10.2k | -4.60m | 2.65k | -3.05 | -20.7k | 5.89 | -5.57k | 32.4 |
| 28 | 1 | Min | 4.41k | -1.59 | 90.9k | -15.2 | -66.2k | -4.10 | 4.41k | -1.59 | -4.24k | -15.2 | 49.9k | -31.8m | 4.41k | -1.59 | -55.9k | -15.2 | -36.1k | 3.73 |
| 28 | 1 | Max | 5.62k | -1.44 | 103k | -13.8 | -60.3k | -3.73 | 5.62k | -1.44 | -3.54k | -13.8 | 57.8k | -28.9m | 5.62k | -1.44 | -49.9k | -13.8 | -33.2k | 4.10 |
| 28 | 4 | Max | 3.20k | -0.888 | 57.0k | -8.78 | -37.3k | -2.29 | 3.20k | -0.888 | -1.78k | -8.78 | 32.3k | -17.8m | 3.20k | -0.888 | -31.4k | -8.78 | -19.1k | 2.29 |
| 28 | 5 | Max | 2.69k | -0.779 | 49.2k | -7.81 | -32.8k | -2.01 | 2.69k | -0.779 | -1.29k | -7.81 | 27.8k | -15.6m | 2.69k | -0.779 | -27.3k | -7.81 | -16.4k | 2.01 |
| 28 | 7 | Min | 3.01k | -0.977 | 55.6k | -10.1 | -41.5k | -2.52 | 3.01k | -0.977 | -3.19k | -10.1 | 31.7k | -19.5m | 3.01k | -0.977 | -32.8k | -10.1 | -22.3k | 2.06 |
| 28 | 7 | Max | 3.38k | -0.798 | 58.4k | -7.43 | -33.2k | -2.06 | 3.38k | -0.798 | -3.62 | -7.43 | 33.0k | -16.0m | 3.38k | -0.798 | -29.9k | -7.43 | -15.8k | 2.52 |
| 28 | 8 | Min | 2.59k | -1.19 | 51.9k | -13.6 | -51.9k | -3.07 | 2.59k | -1.19 | -6.84k | -13.6 | 30.3k | -23.8m | 2.59k | -1.19 | -36.4k | -13.6 | -30.8k | 1.51 |
| 28 | 8 | Max | 3.81k | -0.583 | 62.0k | -3.97 | -22.8k | -1.51 | 3.81k | -0.583 | 3.29k | -3.97 | 34.4k | -11.7m | 3.81k | -0.583 | -26.3k | -3.97 | -7.34k | 3.07 |
| 29 | 1 | Min | 36.7k | -185 | 11.6k | 5.22 | -2.86k | -118 | 36.7k | -185 | -1.55k | 5.22 | 598 | -6.02 | 36.7k | -185 | -21.7k | 5.22 | -6.87k | 102 |
| 29 | 1 | Max | 41.0k | -161 | 12.6k | 6.07 | -2.74k | -102 | 41.0k | -161 | -1.11k | 6.07 | 689 | -5.22 | 41.0k | -161 | -19.1k | 6.07 | -5.95k | 118 |
| 29 | 4 | Max | 23.2k | -95.2 | 7.58k | 3.11 | -1.87k | -60.7 | 23.2k | -95.2 | -517 | 3.11 | 371 | -3.10 | 23.2k | -95.2 | -11.9k | 3.11 | -3.65k | 60.7 |
| 29 | 5 | Max | 20.3k | -78.7 | 6.85k | 2.55 | -1.77k | -50.2 | 20.3k | -78.7 | -264 | 2.55 | 314 | -2.56 | 20.3k | -78.7 | -10.1k | 2.55 | -3.06k | 50.2 |
| 29 | 7 | Min | 20.3k | -120 | 6.10k | 2.39 | -2.85k | -76.7 | 20.3k | -120 | -2.00k | 2.39 | 264 | -3.91 | 20.3k | -120 | -13.3k | 2.39 | -4.56k | 44.7 |
| 29 | 7 | Max | 26.1k | -70.2 | 9.06k | 3.82 | -888 | -44.7 | 26.1k | -70.2 | 966 | 3.82 | 479 | -2.28 | 26.1k | -70.2 | -10.4k | 3.82 | -2.74k | 76.7 |
| 29 | 8 | Min | 13.1k | -184 | 2.44k | 0.610 | -5.26k | -117 | 13.1k | -184 | -5.65k | 0.610 | 21.7 | -5.97 | 13.1k | -184 | -17.0k | 0.610 | -6.81k | 4.25 |
| 29 | 8 | Max | 33.2k | -6.67 | 12.7k | 5.60 | 1.52k | -4.25 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 32 | 4 | Max | 439 | -9.51 | 12.2k | 125 | -5.67k | -3.87 | 439 | -9.51 | 9.08k | 125 | -2.33k | -0.880 | 439 | -9.51 | 4.18k | 125 | 988 | 3.87 |
| 32 | 5 | Max | 367 | -8.10 | 10.8k | 126 | -5.10k | -3.30 | 367 | -8.10 | 8.11k | 126 | -2.12k | -0.749 | 367 | -8.10 | 3.82k | 126 | 862 | 3.30 |
| 32 | 7 | Min | 142 | -26.6 | 10.9k | 108 | -6.98k | -10.8 | 142 | -26.6 | 7.79k | 108 | -3.31k | -2.46 | 142 | -26.6 | 2.88k | 108 | 334 | -3.08 |
| 32 | 7 | Max | 736 | 7.56 | 13.5k | 143 | -4.37k | 3.08 | 736 | 7.56 | 10.4k | 143 | -1.34k | 0.699 | 736 | 7.56 | 5.47k | 143 | 1.64k | 10.8 |
| 32 | 8 | Min | -608 | -71.4 | 7.74k | 61.3 | -10.4k | -29.1 | -608 | -71.4 | 4.65k | 61.3 | -5.82k | -6.60 | -608 | -71.4 | -256 | 61.3 | -1.07k | -21.3 |
| 32 | 8 | Max | 1.49k | 52.4 | 16.6k | 190 | -977 | 21.3 | 1.49k | 52.4 | 13.5k | 190 | 1.17k | 4.84 | 1.49k | 52.4 | 8.61k | 190 | 3.05k | 29.1 |
| 33 | 1 | Min | 8.81k | 3.17k | 6.43k | 162 | 1.60k | 1.90k | 8.81k | 3.17k | -3.57k | 162 | 2.67k | 0 | 8.81k | 3.17k | -13.2k | 162 | -2.42k | -1.93k |
| 33 | 1 | Max | 9.43k | 3.22k | 6.85k | 164 | 1.77k | 1.93k | 9.43k | 3.22k | -2.87k | 164 | 2.75k | 0 | 9.43k | 3.22k | -11.5k | 164 | -1.75k | -1.90k |
| 33 | 4 | Max | 5.31k | 2.49k | 4.18k | 125 | 988 | 1.49k | 5.31k | 2.49k | -1.71k | 125 | 1.73k | 0 | 5.31k | 2.49k | -7.18k | 125 | -1.01k | -1.49k |
| 33 | 5 | Max | 4.70k | 2.51k | 3.82k | 126 | 862 | 1.51k | 4.70k | 2.51k | -1.32k | 126 | 1.61k | 0 | 4.70k | 2.51k | -6.11k | 126 | -675 | -1.51k |
| 33 | 7 | Min | 2.55k | 2.23k | 2.85k | 108 | 334 | 1.34k | 2.55k | 2.23k | -3.04k | 108 | 1.24k | 0 | 2.55k | 2.23k | -8.51k | 108 | -2.12k | -1.65k |
| 33 | 7 | Max | 8.07k | 2.75k | 5.51k | 143 | 1.64k | 1.65k | 8.07k | 2.75k | -383 | 143 | 2.22k | 0 | 8.07k | 2.75k | -5.85k | 143 | 98.2 | -1.34k |
| 33 | 8 | Min | -4.22k | 1.56k | -351 | 61.3 | -1.07k | 935 | -4.22k | 1.56k | -6.24k | 61.3 | 119 | 0 | -4.22k | 1.56k | -11.7k | 61.3 | -4.87k | -2.05k |
| 33 | 8 | Max | 14.8k | 3.42k | 8.70k | 190 | 3.05k | 2.05k | 14.8k | 3.42k | 2.81k | 190 | 3.34k | 0 | 14.8k | 3.42k | -2.65k | 190 | 2.84k | -935 |
| 34 | 1 | Min | -34.1k | -7.77k | -14.3k | -437 | 6.16k | -3.17k | -34.1k | -7.77k | -19.6k | -437 | -2.01k | 680 | -34.1k | -7.77k | -21.5k | -437 | -8.51k | 2.99k |
| 34 | 1 | Max | -32.2k | -7.35k | -13.4k | -437 | 6.57k | -2.99k | -32.2k | -7.35k | -18.2k | -437 | -1.83k | 719 | -32.2k | -7.35k | -20.0k | -437 | -7.87k | 3.17k |
| 34 | 4 | Max | -20.5k | -6.32k | -8.80k | -331 | 4.19k | -2.58k | -20.5k | -6.32k | -11.9k | -331 | -1.05k | 585 | -20.5k | -6.32k | -13.1k | -331 | -5.01k | 2.58k |
| 34 | 5 | Max | -18.7k | -6.57k | -8.08k | -329 | 3.89k | -2.68k | -18.7k | -6.57k | -10.8k | -329 | -887 | 608 | -18.7k | -6.57k | -12.0k | -329 | -4.49k | 2.68k |
| 34 | 7 | Min | -34.7k | -7.02k | -14.8k | -366 | 1.80k | -2.86k | -34.7k | -7.02k | -17.9k | -366 | -1.95k | 520 | -34.7k | -7.02k | -19.1k | -366 | -7.62k | 2.29k |
| 34 | 7 | Max | -6.33k | -5.62k | -2.82k | -295 | 6.58k | -2.29k | -6.33k | -5.62k | -5.92k | -295 | -141 | 650 | -6.33k | -5.62k | -7.15k | -295 | -2.40k | 2.86k |
| 34 | 8 | Min | -70.9k | -8.78k | -30.1k | -456 | -4.14k | -3.58k | -70.9k | -8.78k | -33.2k | -456 | -4.20k | 358 | -70.9k | -8.78k | -34.4k | -456 | -14.3k | 1.58k |
| 34 | 8 | Max | 29.9k | -3.87k | 12.4k | -205 | 12.5k | -1.58k | 29.9k | -3.87k | 9.34k | -205 | 2.10k | 812 | 29.9k | -3.87k | 8.11k | -205 | 4.30k | 3.58k |
| 35 | 1 | Min | -3.04k | 298 | -32.3k | 14.0 | -11.0k | 37.3 | -3.04k | 298 | -49.3k | 14.0 | -21.2k | -41.6 | -50.7k | 11.5k | -36.8k | 33.2 | -29.2k | -1.59k |
| 35 | 1 | Max | -2.72k | 333 | -28.9k | 15.7 | -9.85k | 41.6 | -2.72k | 333 | -44.0k | 15.7 | -19.0k | -37.3 | -45.1k | 12.7k | -32.7k | 37.0 | -26.1k | -1.43k |
| 35 | 4 | Max | -1.73k | 188 | -18.3k | 8.85 | -6.31k | 23.5 | -1.73k | 188 | -27.7k | 8.85 | -12.1k | -23.5 | -28.4k | 7.19k | -20.4k | 20.8 | -16.5k | -899 |
| 35 | 5 | Max | -1.51k | 164 | -16.0k | 7.71 | -5.55k | 20.5 | -1.51k | 164 | -24.2k | 7.71 | -10.6k | -20.5 | -24.6k | 6.31k | -17.6k | 18.2 | -14.4k | -788 |
| 35 | 7 | Min | -2.48k | 119 | -30.7k | 5.65 | -9.53k | 14.9 | -2.48k | 119 | -40.2k | 5.65 | -17.7k | -32.0 | -48.4k | 3.33k | -31.9k | 11.9 | -24.4k | -1.38k |
| 35 | 7 | Max | -970 | 256 | -5.84k | 12.1 | -3.09k | 32.0 | -970 | 256 | -15.3k | 12.1 | -6.40k | -14.9 | -8.28k | 11.1k | -8.90k | 29.8 | -8.54k | -416 |
| 35 | 8 | Min | -3.97k | -54.1 | -59.8k | -2.10 | -15.9k | -6.76 | -3.97k | -54.1 | -69.3k | -2.10 | -29.5k | -53.7 | -99.1k | -6.89k | -58.2k | -11.1 | -40.5k | -2.66k |
| 35 | 8 | Max | 514 | 430 | 23.3k | 19.8 | 3.32k | 53.7 | 514 | 430 | 13.8k | 19.8 | 5.37k | 6.76 | 42.4k | 21.3k | 17.4k | 52.8 | 7.50k | 861 |

Sollecitazioni combinazioni Shell pareti piano 4

| Parete | | Zona | | | min.Lastra | | | min.Piastra | | | | | max.Lastra | | | max.Piastra | | | | |
|--------|----|-----------|------|-------|--------------------|--------------------|---------------------|-------------|-----------|--------------|-------------|-------------|--------------------|--------------------|---------------------|-------------|-----------|--------------|-------------|-------------|
| Piano | N° | Fam. Cmb. | Filo | Piano | σ_x [N/mm²] | σ_y [N/mm²] | τ_{xy} [N/mm²] | m_x [N] | m_y [N] | m_{xy} [N] | v_x [N/m] | v_y [N/m] | σ_x [N/mm²] | σ_y [N/mm²] | τ_{xy} [N/mm²] | m_x [N] | m_y [N] | m_{xy} [N] | v_x [N/m] | v_y [N/m] |
| 4 | 1 | 1 | 10 | 4 | -10.9m | -0.367 | -62.0m | -20.5k | -1.33k | -6.67k | -10.1k | 831 | 0.325 | -98.5m | 66.4m | 5.65k | 28.3k | 4.32k | 216k | 150k |
| 4 | 1 | 7 | 10 | 4 | -1.04 | -0.370 | -0.214 | -11.9k | -742 | -3.86k | -5.78k | 480 | 1.28 | 26.4m | 0.300 | 8.44k | 34.3k | 7.72k | 277k | 231k |
| 4 | 1 | 8 | 10 | 4 | -4.16 | -0.874 | -0.880 | -11.9k | -742 | -3.86k | -5.78k | 480 | 4.41 | 0.517 | 0.979 | 61.1k | 85.3k | 30.5k | 685k | 616k |
| 4 | 1 | 1 | 36 | 4 | -2.16m | -0.353 | -0.171 | -6.89k | -15.4k | -2.63k | -2.03k | -9.76k | 0.589 | 32.7m | 24.3m | 20.4k | -2.78k | 6.48k | 189k | 16.7k |
| 4 | 1 | 7 | 36 | 4 | -38.8m | -0.276 | -0.212 | -3.88k | -8.63k | -1.49k | -1.15k | -5.44k | 0.581 | 0.188 | 57.1m | 17.1k | -1.50k | 5.30k | 155k | 14.3k |
| 4 | 1 | 8 | 36 | 4 | -0.465 | -0.624 | -0.547 | -3.88k | -8.63k | -1.49k | -1.15k | -5.44k | 1.07 | 0.645 | 0.382 | 30.8k | 745 | 9.33k | 274k | 25.8k |
| 4 | 1 | 1 | 36 | 3 | -82.3m | -1.16 | -0.173 | -796 | 941 | -1.38k | -5.03k | -8.67k | 0.141 | -0.476 | 27.9m | 4.16k | 7.90k | 304 | 38.7k | -1.32k |
| 4 | 1 | 7 | 36 | 3 | -0.170 | -0.821 | -0.168 | -478 | 556 | -759 | -2.77k | -4.77k | 0.110 | -0.255 | 32.5m | 3.91k | 5.50k | 649 | 51.0k | 503 |
| 4 | 1 | 8 | 36 | 3 | -0.507 | -1.18 | -0.386 | -478 | 556 | -759 | -2.77k | -4.77k | 0.456 | -99.0m | 0.226 | 8.25k | 8.76k | 2.36k | 130k | 6.92k |
| 4 | 1 | 1 | 10 | 3 | -17.3m | -0.267 | -0.108 | -23.9k | -34.4k | -12.7k | -3.74k | -5.26k | 0.104 | -90.0m | 4.89m | 1.85k | 1.74k | 3.84k | 170k | 191k |
| 4 | 1 | 7 | 10 | 3 | -0.701 | -0.342 | -0.217 | -13.3k | -19.0k | -7.01k | -2.04k | -2.93k | 0.733 | 0.141 | 0.121 | 21.7k | 11.3k | 8.28k | 332k | 253k |
| 4 | 1 | 8 | 10 | 3 | -2.63 | -0.956 | -0.630 | -13.3k | -19.0k | -7.01k | -2.04k | -2.93k | 2.65 | 0.746 | 0.513 | 115k | 92.6k | 32.1k | 969k | 649k |
| 4 | 1 | 1 | - | - | -0.111 | -0.677 | -0.189 | -2.90k | -7.07k | -3.18k | -4.47k | -11.2k | 0.160 | -45.9m | -45.0m | 3.83k | 6.13k | 1.68k | 19.4k | 1.71k |
| 4 | 1 | 7 | - | - | -0.220 | -0.532 | -0.244 | -1.62k | -3.96k | -1.81k | -2.50k | -6.26k | 0.201 | 0.273 | 98.6m | 3.21k | 4.33k | 1.10k | 21.9k | 3.96k |
| 4 | 1 | 8 | - | - | -0.753 | -1.42 | -0.618 | -1.62k | -3.96k | -1.81k | -2.50k | -6.26k | 0.735 | 1.12 | 0.496 | 6.99k | 7.41k | 2.10k | 55.2k | 12.8k |
| 4 | 2 | 1 | 5 | 4 | -25.3m | -0.135 | -20.5m | -4.36k | -17.4k | -3.55k | -120k | -103k | 0.303 | 21.2m | 80.4m | 11.5k | 2.58k | 3.38k | 10.5k | 2.12k |
| 4 | 2 | 7 | 5 | 4 | -80.2m | -0.101 | -59.9m | -2.35k | -9.40k | -1.94k | -68.0k | -56.5k | 0.350 | 68.4m | 0.106 | 18.0k | 2.75k | 4.32k | 35.4k | 23.7k |
| 4 | 2 | 8 | 5 | 4 | -0.612 | -0.233 | -0.222 | -2.35k | -9.40k | -1.94k | -68.0k | -56.5k | 0.888 | 0.224 | 0.284 | 48.5k | 31.3k | 17.4k | 314k | 161k |
| 4 | 2 | 1 | 12 | 4 | -90.4m | -0.393 | -0.261 | -2.45k | -30.1k | -14.5k | -21.1k | -134k | 53.5m | 38.5m | -23.2m | 3.40k | 8.85k | 1.40k | 67.6k | 72.1k |
| 4 | 2 | 7 | 12 | 4 | -0.569 | -0.313 | -0.263 | -1.48k | -17.2k | -8.42k | -13.2k | -76.3k | 0.453 | 59.5m | 38.7m | 20.1k | 13.5k | 1.62k | 176k | 70.1k |
| 4 | 2 | 8 | 12 | 4 | -1.83 | -0.579 | -0.533 | -1.48k | -17.2k | -8.42k | -13.2k | -76.3k | 1.73 | 0.179 | 0.280 | 67.8k | 36.2k | 13.7k | 573k | 147k |
| 4 | 2 | 1 | 12 | 3 | -33.2m | -0.220 | -0.122 | -4.40k | -352 | -9.63k | -37.7k | -86.5k | 72.5m | -28.6m | -13.9m | 31.8k | 24.1k | 1.17k | 234k | 8.65k |
| 4 | 2 | 7 | 12 | 3 | -30.4m | -0.207 | -88.5m | -2.60k | -247 | -5.68k | -22.2k | -50.7k | 52.7m | 1.18m | 68.2m | 24.9k | 19.2k | 869 | 182k | 6.40k |
| 4 | 2 | 8 | 12 | 3 | -52.6m | -0.333 | -0.274 | -2.60k | -247 | -5.68k | -22.2k | -50.7k | 90.9m | 0.120 | 0.259 | 41.2k | 32.6k | 2.99k | 300k | 37.6k |
| 4 | 2 | 1 | 5 | 3 | -40.2m | -0.247 | -1.58m | -1.99k | -900 | -1.45k | -71.2k | -1.59k | 98.6m | -0.178 | 65.0m | 8.82k | 1.44k | 1.53k | 1.69k | 9.66k |
| 4 | 2 | 7 | 5 | 3 | -0.246 | -0.231 | -0.119 | -1.16k | -555 | -844 | -40.7k | -857 | 0.346 | -80.1m | 0.120 | 21.5k | 13.6k | 6.71k | 111k | 82.0k |
| 4 | 2 | 8 | 5 | 3 | -0.992 | -0.413 | -0.421 | -1.16k | -555 | -844 | -40.7k | -857 | 1.09 | 0.105 | 0.419 | 66.1k | 50.4k | 27.0k | 522k | 288k |
| 4 | 2 | 1 | - | - | -34.4m | -0.211 | -62.0m | -908 | -1.93k | -1.10k | -886 | -6.31k | 25.7m | -23.5m | 70.5m | 289 | 1.98k | 1.70k | 2.97k | 2.01k |
| 4 | 2 | 7 | - | - | -29.1m | -0.189 | -0.102 | -514 | -1.04k | -662 | -585 | -3.63k | 26.2m | -17.5m | 0.102 | 673 | 1.65k | 1.23k | 4.82k | 3.40k |
| 4 | 2 | 8 | - | - | -69.9m | -0.308 | -0.349 | -514 | -1.04k | -662 | -585 | -3.63k | 65.8m | 32.2m | 0.340 | 2.02k | 5.18k | 3.08k | 13.1k | 9.42k |
| 4 | 3 | 1 | 5 | 4 | -0.78m | -0.137 | -0.132 | -16.5k | -7.38k | -5.00k | -7.61k | -28.0k | 0.325 | 28.8m | -79.9m | 549 | 1.12k | 2.44k | 113k | 17.7k |
| 4 | 3 | 7 | 5 | 4 | -0.182 | -0.101 | -0.117 | -7.36k | -3.93k | -2.29k | -3.32k | -15.6k | 0.532 | 65.7m | 15.1m | 1.69k | 3.84k | 1.94k | 84.1k | 20.3k |
| 4 | 3 | 8 | 5 | 4 | -1.13 | -0.189 | -0.277 | -7.36k | -3.93k | -2.29k | -3.32k | -15.6k | 1.48 | 0.199 | 0.179 | 12.5k | 14.3k | 6.23k | 174k | 83.4k |
| 4 | 3 | 1 | 6 | 4 | -0.162 | -0.888 | -0.162 | -5.64k | -15.4k | -7.73k | -24.7k | -22.9k | 1.77 | 33.1m | 0.455 | 26.0k | -4.52k | 3.56k | 203k | 470 |
| 4 | 3 | 7 | 6 | 4 | -0.110 | -0.512 | -0.110 | -2.93k | -7.82k | -3.85k | -12.4k | -12.0k | 1.12 | 60.4m | 0.293 | 17.0k | -2.05k | 2.21k | 130k | 5.95k |
| 4 | 3 | 8 | 6 | 4 | -0.180 | -0.682 | -0.187 | -2.93k | -7.82k | -3.85k | -12.4k | -12.0k | 1.67 | 0.169 | 0.449 | 27.5k | 500 | 3.29k | 204k | 23.3k |
| 4 | 3 | 1 | 6 | 3 | -2.97m | -0.388 | -0.360 | -1.44k | 454 | -2.81k | -13.4k | -29.4k | 0.672 | 0.120 | -40.8m | 11.9k | 10.1k | 897 | 72.9k | 544 |
| 4 | 3 | 7 | 6 | 3 | -1.73m | -0.287 | -0.225 | -877 | 490 | -1.70k | -8.15k | -16.8k | 0.405 | 0.161 | -10.7m | 10.7k | 7.69k | 795 | 68.7k | 994 |
| 4 | 3 | 8 | 6 | 3 | -43.8m | -0.452 | -0.268 | -877 | 490 | -1.70k | -8.15k | -16.8k | 0.437 | 0.418 | 14.2m | 20.2k | 12.4k | 2.96k | 134k | 7.75k |
| 4 | 3 | 1 | 5 | 3 | -0.82m | -0.259 | -76.9m | -2.19k | -472 | -948 | -131 | -16.3k | 0.178 | -0.179 | -19.5m | 383 | 2.66k | 1.04k | 11.4k | 97.6 |
| 4 | 3 | 7 | 5 | 3 | -0.222 | -0.254 | -96.3m | -1.27k | -215 | -632 | -124 | -9.39k | 0.426 | -28.0m | 66.8m | 9.96k | 4.29k | 2.55k | 58.5k | 6.39k |
| 4 | 3 | 8 | 5 | 3 | -1.10 | -0.551 | -0.291 | -1.27k | -215 | -632 | -124 | -9.39k | 1.30 | 0.269 | 0.272 | 37.2k | 14.2k | 8.53k | 199k | 23.5k |
| 4 | 3 | 1 | - | - | -54.5m | -0.513 | -0.150 | -2.80k | -8.13k | -7.52k | -3.79k | -7.32k | 0.546 | -41.6m | -45.7m | 688 | 2.94k | 2.72k | 70.8k | 1.76k |
| 4 | 3 | 7 | - | - | -37.2m | -0.283 | -0.102 | -1.49k | -3.98k | -3.65k | -1.87k | -3.87k | 0.305 | -9.88m | -3.14m | 1.06k | 1.95k | 1.58k | 43.0k | 2.27k |
| 4 | 3 | 8 | - | - | -70.7m | -0.435 | -0.195 | -1.49k | -3.98k | -3.65k | -1.87k | -3.87k | 0.370 | 62.7m | 0.104 | 3.27k | 2.97k | 4.78k | 66.0k | 6.04k |
| 4 | 4 | 1 | 31 | 4 | -37.0m | -0.390 | -0.189 | -38.7k | -58.5k | -20.4k | -70.5k | -187k | 0.512 | 52.3m | 33.5m | 124k | 12.5k | 23.8k | 922k | 157k |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|-------|--------|-------|-------|--------|
| 4 | 4 | 7 | 31 | 4 | -84.2m | -0.327 | -0.185 | -23.7k | -35.7k | -12.4k | -43.0k | -114k | 0.701 | 62.8m | 81.3m | 80.4k | 20.8k | 20.5k | 590k | 149k |
| 4 | 4 | 8 | 31 | 4 | -1.10 | -0.667 | -0.373 | -23.7k | -35.7k | -12.4k | -43.0k | -114k | 1.71 | 0.276 | 0.278 | 92.5k | 55.3k | 36.2k | 659k | 287k |
| 4 | 4 | 1 | 30 | 4 | -58.5m | -0.114 | 25.4m | -2.40k | -18.0k | -2.12k | -36.9k | -109k | 24.5m | -7.69m | 0.102 | 3.26k | 2.51k | 1.81k | 5.35k | 2.41k |
| 4 | 4 | 7 | 30 | 4 | -0.386 | -99.0m | -70.3m | -1.37k | -10.4k | -1.22k | -20.9k | -63.5k | 0.344 | 30.3m | 0.131 | 13.5k | 5.62k | 4.74k | 78.1k | 30.9k |
| 4 | 4 | 8 | 30 | 4 | -1.33 | -0.208 | -0.332 | -1.37k | -10.4k | -1.22k | -20.9k | -63.5k | 1.29 | 0.165 | 0.391 | 45.6k | 27.9k | 16.1k | 345k | 128k |
| 4 | 4 | 1 | 30 | 3 | -75.9m | -0.274 | 29.2m | -786 | -708 | -313 | -24.3k | -4.00k | 27.3m | -0.166 | 0.105 | 3.51k | 1.65k | 1.36k | -253 | 4.21k |
| 4 | 4 | 7 | 30 | 3 | -0.355 | -0.279 | -75.3m | -485 | -544 | -260 | -13.2k | -2.01k | 0.275 | -71.6m | 0.142 | 18.0k | 6.97k | 6.14k | 119k | 34.5k |
| 4 | 4 | 8 | 30 | 3 | -1.17 | -0.535 | -0.313 | -485 | -544 | -260 | -13.2k | -2.01k | 1.09 | 0.174 | 0.401 | 61.4k | 26.7k | 22.5k | 475k | 119k |
| 4 | 4 | 1 | 31 | 3 | -23.1m | -0.277 | -0.215 | -9.96k | 456 | -16.7k | -80.9k | -128k | 0.229 | 63.6m | -6.18m | 76.9k | 41.3k | 3.55k | 507k | 16.5k |
| 4 | 4 | 7 | 31 | 3 | -63.9m | -0.276 | -0.194 | -6.01k | 227 | -10.1k | -48.8k | -76.8k | 0.328 | 76.0m | 55.0m | 47.4k | 33.3k | 6.02k | 319k | 13.9k |
| 4 | 4 | 8 | 31 | 3 | -0.550 | -0.558 | -0.371 | -6.01k | 227 | -10.1k | -48.8k | -76.8k | 0.817 | 0.268 | 0.212 | 50.2k | 56.2k | 17.4k | 352k | 102k |
| 4 | 4 | 1 | - | - | -28.9m | -0.247 | -82.3m | -2.67k | -5.85k | -2.63k | -2.08k | -15.1k | 26.5m | -12.4m | 0.107 | 883 | 3.97k | 2.82k | 9.19k | 5.82k |
| 4 | 4 | 7 | - | - | -37.3m | -0.231 | -86.3m | -1.65k | -3.53k | -1.59k | -1.31k | -9.04k | 25.5m | -2.51m | 0.137 | 1.36k | 2.89k | 2.45k | 7.64k | 5.55k |
| 4 | 4 | 8 | - | - | -82.4m | -0.406 | -0.308 | -1.65k | -3.53k | -1.59k | -1.31k | -9.04k | 68.1m | 0.102 | 0.360 | 3.18k | 6.01k | 4.50k | 14.9k | 10.8k |
| 4 | 5 | 1 | 10 | 4 | -0.197 | -0.464 | 3.94m | -637 | -4.11k | -1.81k | -76.9k | -11.3k | 0.195 | -37.9m | 0.162 | 12.8k | 20.8k | 3.40k | 4.58k | 125k |
| 4 | 5 | 7 | 10 | 4 | -1.16 | -0.481 | -0.366 | -364 | -2.16k | -998 | -43.6k | -6.09k | 1.08 | 33.7m | 0.391 | 23.5k | 24.4k | 4.77k | 96.7k | 166k |
| 4 | 5 | 8 | 10 | 4 | -4.18 | -1.10 | -1.37 | -364 | -2.16k | -998 | -43.6k | -6.09k | 4.11 | 0.609 | 1.39 | 67.1k | 58.8k | 14.8k | 473k | 430k |
| 4 | 5 | 1 | 11 | 4 | -56.3m | -0.602 | -0.105 | -13.7k | -542 | -2.46k | -114k | -13.7k | 0.353 | -53.4m | 54.0m | 16.3k | 4.24k | 15.9k | 61.4k | 61.4k |
| 4 | 5 | 7 | 11 | 4 | -0.134 | -0.393 | -0.139 | -6.33k | -266 | -1.22k | -54.7k | -4.16k | 0.288 | -35.5m | 0.161 | 5.55k | 25.8k | 4.48k | 9.03k | 105k |
| 4 | 5 | 8 | 11 | 4 | -0.527 | -0.606 | -0.499 | -6.33k | -266 | -1.22k | -54.7k | -4.16k | 0.660 | -16.0m | 0.511 | 14.3k | 79.4k | 11.0k | 152k | 395k |
| 4 | 5 | 1 | 11 | 3 | -1.05m | -0.340 | -80.0m | -25.7k | -43.3k | -5.37k | -146k | -1.21k | 0.118 | -75.2m | 62.3m | 2.37k | 3.46k | 4.20k | 27.9k | 241k |
| 4 | 5 | 7 | 11 | 3 | -48.6m | -0.342 | -0.135 | -15.7k | -26.1k | -3.22k | -89.6k | -866 | 0.175 | 0.130 | 0.187 | 2.51k | 3.48k | 5.13k | 23.1k | 209k |
| 4 | 5 | 8 | 11 | 3 | -0.314 | -0.750 | -0.508 | -15.7k | -26.1k | -3.22k | -89.6k | -866 | 0.445 | 0.615 | 0.577 | 17.7k | 13.9k | 12.1k | 117k | 380k |
| 4 | 5 | 1 | 10 | 3 | 5.54m | -0.295 | 73.6m | -712 | -5.99k | -1.99k | -12.7k | -488 | 0.228 | -69.5m | 0.177 | 3.62k | 712 | 1.04k | 179 | 34.9k |
| 4 | 5 | 7 | 10 | 3 | -0.594 | -0.326 | -0.114 | -561 | -3.61k | -1.10k | -7.62k | -262 | 0.739 | 0.144 | 0.256 | 25.9k | 19.4k | 6.17k | 197k | 173k |
| 4 | 5 | 8 | 10 | 3 | -2.38 | -0.897 | -0.520 | -561 | -3.61k | -1.10k | -7.62k | -262 | 2.53 | 0.739 | 0.682 | 96.9k | 81.2k | 22.2k | 724k | 580k |
| 4 | 5 | 1 | - | - | -30.4m | -0.362 | -2.00m | -1.35k | -2.08k | -472 | -7.27k | -1.53k | 0.101 | -71.0m | 0.148 | 1.91k | 4.45k | 1.33k | 1.28k | 4.13k |
| 4 | 5 | 7 | - | - | -58.3m | -0.256 | -0.131 | -601 | -1.16k | -233 | -3.56k | -874 | 95.7m | -27.0m | 0.237 | 1.74k | 3.07k | 1.68k | 5.04k | 3.73k |
| 4 | 5 | 8 | - | - | -0.220 | -0.480 | -0.535 | -601 | -1.16k | -233 | -3.56k | -874 | 0.275 | 0.203 | 0.640 | 6.23k | 7.86k | 4.93k | 23.6k | 11.8k |
| 4 | 6 | 1 | 36 | 4 | -36.8m | -0.402 | -0.146 | -26.6k | -15.2k | -3.89k | -30.5k | -22.5k | 1.03 | -88.9m | 19.6m | -188 | -6.21k | 2.33k | 197k | 4.38k |
| 4 | 6 | 7 | 36 | 4 | -53.4m | -0.276 | -0.136 | -15.0k | -8.50k | -2.19k | -17.1k | -12.6k | 0.977 | 14.4m | 49.3m | -52.6 | -3.41k | 1.90k | 166k | 6.15k |
| 4 | 6 | 8 | 36 | 4 | -0.602 | -0.441 | -0.262 | -15.0k | -8.50k | -2.19k | -17.1k | -12.6k | 1.77 | 0.168 | 0.145 | 6.30k | -1.14k | 3.34k | 299k | 15.7k |
| 4 | 6 | 1 | 15 | 4 | -0.149 | -0.947 | -0.142 | -3.13k | -16.6k | -6.31k | -22.9k | -33.3k | 1.14 | -0.421 | 0.319 | 16.9k | -6.03k | 596 | 160k | -7.60k |
| 4 | 6 | 7 | 15 | 4 | -0.133 | -0.666 | -0.113 | -1.75k | -9.27k | -3.55k | -12.9k | -18.6k | 1.24 | -0.235 | 0.346 | 15.8k | -3.29k | 686 | 143k | -2.08k |
| 4 | 6 | 8 | 15 | 4 | -1.26 | -0.940 | -0.350 | -1.75k | -9.27k | -3.55k | -12.9k | -18.6k | 2.55 | -0.133 | 0.704 | 30.9k | 3.72k | 3.21k | 272k | 42.0k |
| 4 | 6 | 1 | 15 | 3 | 5.16m | -0.420 | -0.255 | -1.53k | 791 | -2.51k | -16.7k | -34.5k | 0.565 | -49.0m | -0.121 | 12.3k | 12.5k | 616 | 83.1k | -8.28k |
| 4 | 6 | 7 | 15 | 3 | 1.21m | -0.328 | -0.150 | -843 | 460 | -1.38k | -9.15k | -19.1k | 0.324 | 77.3m | -34.9m | 10.3k | 8.66k | 608 | 73.7k | -4.15k |
| 4 | 6 | 8 | 15 | 3 | -84.5m | -0.626 | -0.295 | -843 | 460 | -1.38k | -9.15k | -19.1k | 0.414 | 0.445 | 0.112 | 19.8k | 13.6k | 2.02k | 148k | 9.45k |
| 4 | 6 | 1 | 36 | 3 | 8.81m | -0.637 | -0.173 | -6.23k | 941 | -1.60k | -9.21k | -6.29k | 0.221 | -0.461 | 16.9m | 1.57k | 7.87k | 366 | 62.4k | 2.75k |
| 4 | 6 | 7 | 36 | 3 | 1.99m | -0.448 | -0.156 | -3.45k | 556 | -880 | -5.05k | -3.42k | 0.140 | -0.247 | 25.4m | 933 | 4.67k | 333 | 63.7k | 4.78k |
| 4 | 6 | 8 | 36 | 3 | -46.8m | -0.605 | -0.320 | -3.45k | 556 | -880 | -5.05k | -3.42k | 0.225 | -91.3m | 0.133 | 6.39k | 5.69k | 1.75k | 141k | 13.2k |
| 4 | 6 | 1 | - | - | -78.2m | -0.668 | -0.168 | -1.21k | -11.4k | -1.99k | -26.7k | -9.52k | 1.10 | -0.191 | -25.1m | 1.04k | 8.30k | 1.81k | 179k | 9.93k |
| 4 | 6 | 7 | - | - | -74.9m | -0.456 | -0.153 | -661 | -6.39k | -1.10k | -15.0k | -5.25k | 1.11 | -55.2m | 29.5m | 645 | 4.92k | 1.63k | 154k | 11.6k |
| 4 | 6 | 8 | - | - | -0.905 | -0.597 | -0.307 | -661 | -6.39k | -1.10k | -15.0k | -5.25k | 2.15 | 84.8m | 0.152 | 886 | 5.97k | 3.14k | 286k | 27.2k |
| 4 | 7 | 1 | 4 | 4 | -18.1m | -0.308 | -12.7m | -18.4k | -2.77k | -7.81k | -10.7k | -3.14k | 0.205 | -28.6m | 99.4m | 13.6k | 19.0k | 8.04k | 457k | 36.4k |
| 4 | 7 | 7 | 4 | 4 | -0.271 | -0.329 | -88.5m | -11.0k | -1.32k | -4.62k | -6.28k | -1.63k | 0.383 | 44.9m | 95.4m | 11.3k | 15.8k | 5.83k | 367k | 27.9k |
| 4 | 7 | 8 | 4 | 4 | -1.04 | -0.726 | -0.315 | -11.0k | -1.32k | -4.62k | -6.28k | -1.63k | 1.08 | 0.379 | 0.309 | 25.3k | 33.5k | 9.30k | 622k | 71.6k |
| 4 | 7 | 1 | 11 | 4 | -0.112 | -0.543 | -0.208 | -3.63k | -6.42k | -3.21k | -1.72k | -17.2k | 1.88 | 47.9m | 0.390 | 12.8k | 7.42k | 2.05k | 97.3k | 36.4k |
| 4 | 7 | 7 | 11 | 4 | -0.135 | -0.361 | -0.174 | -1.94k | -2.82k | -2.01k | -1.00k | -7.64k | 1.09 | 73.5m | 0.309 | 14.4k | 11.2k | 3.07k | 114k | 116k |
| 4 | 7 | 8 | 11 | 4 | -0.710 | -0.604 | -0.422 | -1.94k | -2.82k | -2.01k | -1.00k | -7.64k | 1.30 | 0.325 | 0.579 | 32.2k | 31.4k | 12.9k | 260k | 366k |
| 4 | 7 | 1 | 11 | 3 | 18.3m | -0.390 | -0.144 | -1.46k | -580 | -993 | -3.48k | -50.7k | 0.541 | -15.8m | 30.5m | 5.83k | 9.67k | 1.40k | 45.3k | -64.0 |
| 4 | 7 | 7 | 11 | 3 | -0.296 | -0.478 | -0.262 | -903 | -350 | -544 | -2.18k | -32.0k | 0.499 | 0.163 | 0.278 | 8.56k | 14.8k | 2.49k | 67.7k | 21.4k |
| 4 | 7 | 8 | 11 | 3 | -1.17 | -1.20 | -0.975 | -903 | -350 | -544 | -2.18k | -32.0k | 1.24 | 0.797 | 0.991 | 21.6k | 38.0k | 8.71k | 175k | 128k |
| 4 | 7 | 1 | 4 | 3 | -25.9m | -0.305 | 10.1m | -40.2k | -36.5k | -48.2k | -7.89k | -95.7 | 81.8m | -76.5m | 0.101 | 4.48k | -198 | 6.46k | 273k | 54.8k |
| 4 | 7 | 7 | 4 | 3 | -0.394 | -0.380 | -0.235 | -24.2k | -21.9k | -5.10k | -4.67k | 88.9 | 0.364 | 0.150 | 0.262 | 3.38k | 1.62k | 6.78k | 207k | 74.4k |
| 4 | 7 | 8 | 4 | 3 | -1.40 | -0.924 | -0.896 | -24.2k | -21.9k | -5.10k | -4.67k | 88.9 | 1.37 | 0.732 | 0.923 | 9.66k | 26.4k | 14.5k | 320k | 186k |
| 4 | 7 | 1 | - | - | -74.0m | -0.340 | -0.130 | -475 | -1.79k | -1.43k | -3.17k | -2.88k | 0.130 | -13.7m | 54.4m | 3.13k | 3.71k | 1.51k | 6.33k | 7.61k |
| 4 | 7 | 7 | - | - | -0.359 | -0.626 | -0.327 | -201 | -974 | -838 | -1.85k | -1.64k | 0.379 | 0.405 | 0.324 | 3.77k | 4.52k | 1.79k | 8.49k | 8.49k |
| 4 | 7 | 8 | - | - | -1.26 | -1.99 | -1.17 | -201 | -974 | -838 | -1.85k | -1.64k | 1.30 | 1.77 | 1.17 | 8.42k | 10.5k | 4.22k | 27.3k | 20.1k |
| 4 | 9 | 1 | 30 | 4 | -21.3m | -0.111 | 98.6m | -2.08k | -294 | -5.00k | -6.72k | -11.2k | 0.310 | 22.9m | 0.140 | 12.7k | 9.49k | 451 | 81.0k | 48.4k |
| 4 | 9 | 7 | 30 | 4 | -21.1m | -98.3m | 5.99m | -1.16k | -161 | -2.87k | -3.85k | -6.35k | 0.332 | 28.9m | 0.136 | 12.1k | 9.47k | 1.01k | 82.4k | 52.2k |
| 4 | 9 | 8 | 30 | 4 | -0.363 | -0.168 | -0.148 | -1.16k | -161 | -2.87k | -3.85k | -6.35k | 0.721 | 75.7m | 0.284 | 25.0k | 20.2k | 6.32k | 180k | 117k |
| 4 | 9 | 1 | 27 | 4 | -0.162 | -0.827 | -0.271 | -99.6k | -5.61k | -22.6k | -49.8k | -124k | 1.55 | 0.155 | 0.250 | 28.0k | 56.3k | 19.7k | 720k | 171k |
| 4 | 9 | 7 | 27 | 4 | -0.150 | -0.564 | -0.241 | -57.9k | -2.67k | -13.2k | -29.0k | -70.4k | 1.01 | 0.151 | 0.181 | 18.5k | 34.6k | 13.2k | 475k | 108k |
| 4 | 9 | 8 | 27 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|--------|--------|---|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|
| 10 | 4 | Max | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 | 0 |
| 10 | 5 | Max | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 | 0 |
| 10 | 7 | Min | -108 | -1.44k | -2.37k | 0 | -1.57μ | -16.5μ | -4.14k | -1.44k | -2.37k | 0 | -2.85k | -1.73k | -8.16k | -1.44k | -2.37k | 0 | -5.69k |
| 10 | 7 | Max | 108 | 1.44k | 2.37k | 0 | 1.57μ | 16.5μ | -3.92k | 1.44k | 2.37k | 0 | 2.85k | 1.73k | -7.95k | 1.44k | 2.37k | 0 | 5.69k |
| 10 | 8 | Min | -365 | -4.46k | -7.21k | 0 | -4.29μ | -45.0μ | -4.39k | -4.46k | -7.21k | 0 | -8.65k | -5.35k | -8.42k | -4.46k | -7.21k | 0 | -17.3k |
| 10 | 8 | Max | 365 | 4.46k | 7.21k | 0 | 4.29μ | 45.0μ | -3.66k | -3.48k | 4.46k | 7.21k | 0 | 8.65k | 5.35k | -7.69k | 4.46k | 7.21k | 0 |
| 12 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 12 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 12 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 12 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 12 | 7 | Min | -167 | -901 | -870 | 0 | -1.57μ | -16.5μ | -4.19k | -901 | -870 | 0 | -1.04k | -1.08k | -8.22k | -901 | -870 | 0 | -2.09k |
| 12 | 7 | Max | 167 | 901 | 870 | 0 | 1.57μ | 16.5μ | -3.86k | 901 | 870 | 0 | 1.04k | 1.08k | -7.89k | 901 | 870 | 0 | 2.09k |
| 12 | 8 | Min | -550 | -2.88k | -2.87k | 0 | -4.29μ | -45.0μ | -4.58k | -2.88k | -2.87k | 0 | -3.44k | -3.45k | -8.60k | -2.88k | -2.87k | 0 | -6.88k |
| 12 | 8 | Max | 550 | 2.88k | 2.87k | 0 | 4.29μ | 45.0μ | -3.48k | 2.88k | 2.87k | 0 | 3.44k | 3.45k | -7.51k | 2.88k | 2.87k | 0 | 6.88k |
| 13 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 13 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 13 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 13 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 13 | 7 | Min | -432 | -2.12k | -1.52k | 0 | -1.57μ | -16.5μ | -4.46k | -2.12k | -1.52k | 0 | -1.82k | -2.54k | -8.49k | -2.12k | -1.52k | 0 | -3.64k |
| 13 | 7 | Max | 432 | 2.12k | 1.52k | 0 | 1.57μ | 16.5μ | -3.60k | 2.12k | 1.52k | 0 | 1.82k | 2.54k | -7.62k | 2.12k | 1.52k | 0 | 3.64k |
| 13 | 8 | Min | -1.27k | -6.48k | -4.71k | 0 | -4.29μ | -45.0μ | -5.30k | -6.48k | -4.71k | 0 | -5.65k | -7.78k | -9.33k | -6.48k | -4.71k | 0 | -11.3k |
| 13 | 8 | Max | 1.27k | 6.48k | 4.71k | 0 | 4.29μ | 45.0μ | -2.75k | 6.48k | 4.71k | 0 | 5.65k | 7.78k | -7.78k | 6.48k | 4.71k | 0 | 11.3k |
| 14 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -6.37k | 0 | 0 | 0 | 0 | 0 | -12.7k | 0 | 0 | 0 | 0 |
| 14 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -6.37k | 0 | 0 | 0 | 0 | 0 | -12.7k | 0 | 0 | 0 | 0 |
| 14 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.90k | 0 | 0 | 0 | 0 | 0 | -9.80k | 0 | 0 | 0 | 0 |
| 14 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.90k | 0 | 0 | 0 | 0 | 0 | -9.80k | 0 | 0 | 0 | 0 |
| 14 | 7 | Min | -259 | -1.36k | -874 | 0 | -2.74μ | -20.0μ | -5.16k | -1.36k | -874 | 0 | -1.05k | -1.63k | -10.1k | -1.36k | -874 | 0 | -2.10k |
| 14 | 7 | Max | 259 | 1.36k | 874 | 0 | 2.74μ | 20.0μ | -4.64k | 1.36k | 874 | 0 | 1.05k | 1.63k | -9.54k | 1.36k | 874 | 0 | 2.10k |
| 14 | 8 | Min | -781 | -4.26k | -2.83k | 0 | -7.48μ | -54.7μ | -5.68k | -4.26k | -2.83k | 0 | -3.40k | -5.11k | -10.6k | -4.26k | -2.83k | 0 | -6.80k |
| 14 | 8 | Max | 781 | 4.26k | 2.83k | 0 | 7.48μ | 54.7μ | -4.12k | 4.26k | 2.83k | 0 | 3.40k | 5.11k | -9.02k | 4.26k | 2.83k | 0 | 6.80k |
| 15 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -6.37k | 0 | 0 | 0 | 0 | 0 | -12.7k | 0 | 0 | 0 | 0 |
| 15 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -6.37k | 0 | 0 | 0 | 0 | 0 | -12.7k | 0 | 0 | 0 | 0 |
| 15 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.90k | 0 | 0 | 0 | 0 | 0 | -9.80k | 0 | 0 | 0 | 0 |
| 15 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.90k | 0 | 0 | 0 | 0 | 0 | -9.80k | 0 | 0 | 0 | 0 |
| 15 | 7 | Min | -219 | -756 | -5.93k | 0 | -2.74μ | -20.0μ | -5.12k | -756 | -5.93k | 0 | -7.12k | -907 | -10.0k | -756 | -5.93k | 0 | -14.2k |
| 15 | 7 | Max | 219 | 756 | 5.93k | 0 | 2.74μ | 20.0μ | -4.68k | 756 | 5.93k | 0 | 7.12k | 907 | -9.58k | 756 | 5.93k | 0 | 14.2k |
| 15 | 8 | Min | -699 | -2.67k | -17.6k | 0 | -7.48μ | -54.7μ | -5.60k | -2.67k | -17.6k | 0 | -21.1k | -3.20k | -10.5k | -2.67k | -17.6k | 0 | -42.1k |
| 15 | 8 | Max | 699 | 2.67k | 17.6k | 0 | 7.48μ | 54.7μ | -4.20k | 2.67k | 17.6k | 0 | 21.1k | 3.20k | -9.10k | 2.67k | 17.6k | 0 | 42.1k |
| 16 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 16 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 16 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 16 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 16 | 7 | Min | -321 | -689 | -2.44k | 0 | -1.57μ | -16.5μ | -4.35k | -689 | -2.44k | 0 | -2.93k | -827 | -8.38k | -689 | -2.44k | 0 | -5.86k |
| 16 | 7 | Max | 321 | 689 | 2.44k | 0 | 1.57μ | 16.5μ | -3.71k | 689 | 2.44k | 0 | 2.93k | 827 | -7.73k | 689 | 2.44k | 0 | 5.86k |
| 16 | 8 | Min | -974 | -2.43k | -7.52k | 0 | -4.29μ | -45.0μ | -5.00k | -2.43k | -7.52k | 0 | -9.02k | -2.91k | -9.03k | -2.43k | -7.52k | 0 | -18.0k |
| 16 | 8 | Max | 974 | 2.43k | 7.52k | 0 | 4.29μ | 45.0μ | -3.05k | 2.43k | 7.52k | 0 | 9.02k | 2.91k | -7.08k | 2.43k | 7.52k | 0 | 18.0k |
| 17 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 17 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 17 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 17 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 17 | 7 | Min | -264 | -730 | -1.43k | 0 | -1.57μ | -16.5μ | -4.29k | -730 | -1.43k | 0 | -1.72k | -876 | -8.32k | -730 | -1.43k | 0 | -3.44k |
| 17 | 7 | Max | 264 | 730 | 1.43k | 0 | 1.57μ | 16.5μ | -3.76k | 730 | 1.43k | 0 | 1.72k | 876 | -7.79k | 730 | 1.43k | 0 | 3.44k |
| 17 | 8 | Min | -759 | -2.43k | -4.45k | 0 | -4.29μ | -45.0μ | -4.79k | -2.43k | -4.45k | 0 | -5.34k | -2.92k | -8.81k | -2.43k | -4.45k | 0 | -10.7k |
| 17 | 8 | Max | 759 | 2.43k | 4.45k | 0 | 4.29μ | 45.0μ | -3.27k | 2.43k | 4.45k | 0 | 5.34k | 2.92k | -7.30k | 2.43k | 4.45k | 0 | 10.7k |
| 19 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -4.78k | 0 | 0 | 0 | 0 | 0 | -9.56k | 0 | 0 | 0 | 0 |
| 19 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.78k | 0 | 0 | 0 | 0 | 0 | -9.56k | 0 | 0 | 0 | 0 |
| 19 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -3.68k | 0 | 0 | 0 | 0 | 0 | -7.35k | 0 | 0 | 0 | 0 |
| 19 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -3.68k | 0 | 0 | 0 | 0 | 0 | -7.35k | 0 | 0 | 0 | 0 |
| 19 | 7 | Min | -104 | -571 | -1.37k | 0 | -26.1μ | 0 | -3.78k | -571 | -1.37k | 0 | -1.65k | -685 | -7.46k | -571 | -1.37k | 0 | -3.30k |
| 19 | 7 | Max | 104 | 571 | 1.37k | 0 | 26.1μ | 0 | -3.57k | 571 | 1.37k | 0 | 1.65k | 685 | -7.25k | 571 | 1.37k | 0 | 3.30k |
| 19 | 8 | Min | -309 | -2.02k | -4.17k | 0 | -71.2μ | -1.85μ | -3.99k | -2.02k | -4.17k | 0 | -5.00k | -2.42k | -7.66k | -2.02k | -4.17k | 0 | -10.0k |
| 19 | 8 | Max | 309 | 2.02k | 4.17k | 0 | 71.2μ | 1.85μ | -3.37k | 2.02k | 4.17k | 0 | 5.00k | 2.42k | -7.05k | 2.02k | 4.17k | 0 | 10.0k |
| 20 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -4.78k | 0 | 0 | 0 | 0 | 0 | -9.56k | 0 | 0 | 0 | 0 |
| 20 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.78k | 0 | 0 | 0 | 0 | 0 | -9.56k | 0 | 0 | 0 | 0 |
| 20 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -3.68k | 0 | 0 | 0 | 0 | 0 | -7.35k | 0 | 0 | 0 | 0 |
| 20 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -3.68k | 0 | 0 | 0 | 0 | 0 | -7.35k | 0 | 0 | 0 | 0 |
| 20 | 7 | Min | -39.1 | -545 | -1.89k | 0 | -2.49μ | -7.12μ | -3.72k | -545 | -1.89k | 0 | -2.27k | -654 | -7.39k | -545 | -1.89k | 0 | -4.53k |
| 20 | 7 | Max | 39.1 | 545 | 1.89k | 0 | 2.49μ | 7.12μ | -3.64k | 545 | 1.89k | 0 | 2.27k | 654 | -7.32k | 545 | 1.89k | 0 | 4.53k |
| 20 | 8 | Min | -117 | -1.94k | -5.77k | 0 | -6.79μ | -19.4μ | -3.79k | -1.94k | -5.77k | 0 | -6.93k | -2.33k | -7.47k | -1.94k | -5.77k | 0 | -13.9k |
| 20 | 8 | Max | 117 | 1.94k | 5.77k | 0 | 6.79μ | 19.4μ | -3.56k | 1.94k | 5.77k | 0 | 6.93k | 2.33k | -7.24k | 1.94k | 5.77k | 0 | 13.9k |
| 21 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 21 | 1 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | 0 | 0 | 0 | -10.5k | 0 | 0 | 0 | 0 |
| 21 | 4 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 21 | 5 | Max | 0 | 0 | 0 | 0 | 0 | 0 | -4.03k | 0 | 0 | 0 | 0 | 0 | -8.06k | 0 | 0 | 0 | 0 |
| 21 | 7 | Min | -128 | -1.25k | -1.67k | 0 | -1.57μ | -16.5μ | -4.16k | -1.25k | -1.67k | 0 | -2.00k | -1.50k | -8.18k | -1.25k | -1.67k | 0 | -4.01k |
| 21 | 7 | Max | 128 | 1.25k | 1.67k | 0 | 1.57μ | 16.5μ | -3.90k | 1.25k | 1.67k | 0 | 2.00k | 1.50k | -7.93k | 1.25k | 1.67k | 0 | 4.01k |
| 21 | 8 | Min | -387 | -3.90k | -5.13k | 0 | -4.29μ | -45.0μ | -4.41k | -3.90k | -5.13k | 0 | -6.16k | -4.67k | -8.44k | -3.90k | -5.13k | 0 | -12.3k |
| 21 | 8 | Max | 387 | 3.90k | 5.13k | 0 | 4.29μ | 45.0μ | -3.64k | 3.90k | 5.13k | 0 | 6.16k | 4.67k | -7.67k | 3.90k | 5.13k | 0 | 12.3k |
| 22 | 1 | Min | 0 | 0 | 0 | 0 | 0 | 0 | -5.24k | 0 | 0 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|---|-----|------|--------|--------|---|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|--------|---|--------|--------|
| 22 | 7 | Min | -169 | -752 | -1.34k | 0 | -1.57μ | -16.5μ | -4.20k | -752 | -1.34k | 0 | -1.60k | -903 | -8.22k | -752 | -1.34k | 0 | -3.21k | -1.81k |
| 22 | 7 | Max | 169 | 752 | 1.34k | 0 | 1.57μ | 16.5μ | -3.86k | 752 | 1.34k | 0 | 1.60k | 903 | -7.89k | 752 | 1.34k | 0 | 3.21k | 1.81k |
| 22 | 8 | Min | -510 | -2.67k | -4.24k | 0 | -4.29μ | -45.0μ | -4.54k | -2.67k | -4.24k | 0 | -5.09k | -3.20k | -8.57k | -2.67k | -4.24k | 0 | -10.2k | -6.41k |
| 22 | 8 | Max | 510 | 2.67k | 4.24k | 0 | 4.29μ | 45.0μ | -3.52k | 2.67k | 4.24k | 0 | 5.09k | 3.20k | -7.54k | 2.67k | 4.24k | 0 | 10.2k | 6.41k |

Involuppo sollecitazioni

Piano 0.Involuppo Reazioni Vincolari

| Nodo | Fam Cmb. | Min | | | | | | Max | | | | | |
|------|-------------|-----------|-----------|-----------|------------|------------|------------|-----------|-----------|-----------|------------|------------|------------|
| | | Fx [N] | Fy [N] | Fz [N] | Mx [Nm] | My [Nm] | Mz [Nm] | Fx [N] | Fy [N] | Fz [N] | Mx [Nm] | My [Nm] | Mz [Nm] |
| 1 | 1 | 5.63k | 4.84k | 417k | -4.46k | 4.57k | -0.133 | 5.66k | 5.41k | 428k | -3.99k | 4.61k | -0.108 |
| 1 | 4 | 4.55k | 3.24k | 282k | -2.68k | 3.73k | -0.112 | 4.55k | 3.24k | 282k | -2.68k | 3.73k | -0.112 |
| 1 | 5 | 4.61k | 2.91k | 268k | -2.40k | 3.79k | -0.113 | 4.61k | 2.91k | 268k | -2.40k | 3.79k | -0.113 |
| 1 | 7 | 3.74k | 2.20k | 260k | -4.39k | 2.33k | -3.46 | 5.36k | 4.29k | 304k | -964 | 5.12k | 3.24 |
| 1 | 8 | 1.61k | -539 | 201k | -8.91k | -1.37k | -12.2 | 7.49k | 7.03k | 363k | 3.56k | 8.82k | 11.9 |
| 2 | 1 | -3.86k | -762 | 402k | 654 | -3.30k | -84.2m | -3.58k | -749 | 432k | 666 | -3.06k | -68.0m |
| 2 | 4 | -2.41k | -485 | 272k | 421 | -2.06k | -70.6m | -2.41k | -485 | 272k | 421 | -2.06k | -70.6m |
| 2 | 5 | -2.22k | -463 | 251k | 401 | -1.89k | -71.1m | -2.22k | -463 | 251k | 401 | -1.89k | -71.1m |
| 2 | 7 | -2.50k | -1.77k | 268k | -1.11k | -2.77k | -2.19 | -2.33k | 797 | 276k | 1.95k | -1.34k | 2.04 |
| 2 | 8 | -2.69k | -5.17k | 259k | -5.18k | -4.67k | -7.68 | -2.14k | 4.20k | 285k | 6.02k | 551 | 7.53 |
| 3 | 1 | -3.79k | -253 | 369k | 216 | -3.25k | -84.2m | -3.51k | -226 | 397k | 237 | -3.00k | -68.0m |
| 3 | 4 | -2.38k | -127 | 251k | 120 | -2.03k | -70.6m | -2.38k | -127 | 251k | 120 | -2.03k | -70.6m |
| 3 | 5 | -2.19k | -103 | 231k | 98.5 | -1.86k | -71.1m | -2.19k | -103 | 231k | 98.5 | -1.86k | -71.1m |
| 3 | 7 | -2.46k | -1.90k | 232k | -1.82k | -2.72k | -2.19 | -2.30k | 1.65k | 269k | 2.06k | -1.33k | 2.04 |
| 3 | 8 | -2.63k | -6.63k | 184k | -6.99k | -4.55k | -7.68 | -2.13k | 6.37k | 317k | 7.23k | 503 | 7.53 |
| 4 | 1 | 14.6k | -1.02k | 138k | 767 | 1.41k | -40.7 | 14.6k | -933 | 139k | 836 | 1.43k | -37.3 |
| 4 | 4 | 10.6k | -619 | 100k | 494 | 1.06k | -24.0 | 10.6k | -619 | 100k | 494 | 1.06k | -24.0 |
| 4 | 5 | 10.5k | -559 | 98.3k | 443 | 1.06k | -21.5 | 10.5k | -559 | 98.3k | 443 | 1.06k | -21.5 |
| 4 | 7 | -17.7k | -933 | -113k | -902 | -3.24k | -87.3 | 39.0k | -306 | 313k | 1.89k | 5.36k | 39.2 |
| 4 | 8 | -92.6k | -1.72k | -678k | -4.60k | -14.6k | -255 | 114k | 484 | 878k | 5.59k | 16.7k | 207 |
| 5 | 1 | 11.0k | 22.2k | 176k | -2.93k | 963 | 52.9 | 11.2k | 22.8k | 178k | -2.85k | 1.05k | 58.4 |
| 5 | 4 | 8.20k | 15.1k | 122k | -1.94k | 796 | 33.1 | 8.20k | 15.1k | 122k | -1.94k | 796 | 33.1 |
| 5 | 5 | 8.16k | 14.3k | 117k | -1.83k | 820 | 28.9 | 8.16k | 14.3k | 117k | -1.83k | 820 | 28.9 |
| 5 | 7 | -11.2k | 9.36k | 172 | -3.34k | -2.97k | -87.2 | 27.6k | 20.9k | 244k | -535 | 4.56k | 153 |
| 5 | 8 | -61.2k | -5.68k | -318k | -7.03k | -12.6k | -392 | 77.6k | 35.9k | 562k | 3.16k | 14.2k | 458 |
| 6 | 1 | -208 | -19.4k | 189k | 2.02k | -396 | -13.9 | -203 | -19.1k | 193k | 2.04k | -350 | -12.3 |
| 6 | 4 | -141 | -13.1k | 129k | 1.38k | -242 | -8.48 | -141 | -13.1k | 129k | 1.38k | -242 | -8.48 |
| 6 | 5 | -138 | -12.5k | 122k | 1.32k | -221 | -7.73 | -138 | -12.5k | 122k | 1.32k | -221 | -7.73 |
| 6 | 7 | -515 | -28.5k | -8.57k | -920 | -1.32k | -48.4 | 233 | 2.41k | 266k | 3.68k | 833 | 31.4 |
| 6 | 8 | -1.47k | -68.7k | -369k | -6.92k | -4.09k | -151 | 1.19k | 42.6k | 626k | 9.68k | 3.61k | 134 |
| 7 | 1 | -2.45k | 274 | 932k | -188 | -2.15k | -0.248 | -2.07k | 434 | 975k | -64.3 | -1.82k | -0.200 |
| 7 | 4 | -929 | 45.4 | 590k | 56.9 | -852 | -0.208 | -929 | 45.4 | 590k | 56.9 | -852 | -0.208 |
| 7 | 5 | -620 | -23.8 | 539k | 104 | -592 | -0.209 | -620 | -23.8 | 539k | 104 | -592 | -0.209 |
| 7 | 7 | -2.38k | -4.64k | 580k | -5.24k | -2.89k | -6.43 | 521 | 4.73k | 599k | 5.36k | 1.19k | 6.01 |
| 7 | 8 | -6.17k | -17.1k | 556k | -19.3k | -8.23k | -22.6 | 4.31k | 17.2k | 623k | 19.4k | 6.52k | 22.2 |
| 8 | 1 | 4.94k | -3.79k | 700k | 3.03k | 4.01k | -0.133 | 5.23k | -3.57k | 732k | 3.22k | 4.24k | -0.108 |
| 8 | 4 | 3.23k | -2.33k | 441k | 1.97k | 2.62k | -0.112 | 3.23k | -2.33k | 441k | 1.97k | 2.62k | -0.112 |
| 8 | 5 | 2.98k | -2.12k | 405k | 1.80k | 2.42k | -0.113 | 2.98k | -2.12k | 405k | 1.80k | 2.42k | -0.113 |
| 8 | 7 | 3.07k | -4.04k | 429k | -94.4 | 1.87k | -3.46 | 3.39k | -613 | 454k | 4.04k | 3.38k | 3.24 |
| 8 | 8 | 2.68k | -8.59k | 399k | -5.59k | -112 | -12.2 | 3.78k | 3.94k | 484k | 9.54k | 5.36k | 11.9 |
| 9 | 1 | -4.66k | -1.44k | 572k | 1.16k | -4.03k | -0.133 | -4.50k | -1.31k | 601k | 1.27k | -3.92k | -0.108 |
| 9 | 4 | -4.03k | -946 | 367k | 834 | -3.47k | -0.112 | -4.03k | -946 | 367k | 834 | -3.47k | -0.112 |
| 9 | 5 | -4.21k | -960 | 338k | 843 | -3.60k | -0.113 | -4.21k | -960 | 338k | 843 | -3.60k | -0.113 |
| 9 | 7 | -4.88k | -2.65k | 359k | -1.22k | -4.88k | -3.46 | -3.19k | 760 | 374k | 2.89k | -2.06k | 3.24 |
| 9 | 8 | -7.10k | -7.20k | 343k | -6.71k | -8.61k | -12.2 | -963 | 5.31k | 391k | 8.38k | 1.67k | 11.9 |
| 10 | 1 | 19.1k | 23.4k | 195k | -3.32k | 1.89k | 324 | 20.5k | 24.8k | 207k | -3.13k | 2.01k | 343 |
| 10 | 4 | 13.3k | 16.2k | 136k | -2.17k | 1.32k | 224 | 13.3k | 16.2k | 136k | -2.17k | 1.32k | 224 |
| 10 | 5 | 12.4k | 15.3k | 127k | -2.04k | 1.23k | 210 | 12.4k | 15.3k | 127k | -2.04k | 1.23k | 210 |
| 10 | 7 | -11.3k | -4.82k | -65.2k | -5.85k | -2.95k | -83.2 | 37.8k | 37.3k | 336k | 1.51k | 5.58k | 531 |
| 10 | 8 | -76.9k | -60.6k | -606k | -15.6k | -14.3k | -889 | 103k | 93.1k | 877k | 11.2k | 16.9k | 1.34k |
| 11 | 1 | -22.7k | -32.3k | 286k | 5.66k | -3.35k | 182 | -21.9k | -30.8k | 298k | 5.95k | -3.22k | 192 |
| 11 | 4 | -14.9k | -21.0k | 194k | 3.84k | -2.18k | 124 | -14.9k | -21.0k | 194k | 3.84k | -2.18k | 124 |
| 11 | 5 | -14.1k | -19.7k | 183k | 3.60k | -2.06k | 116 | -14.1k | -19.7k | 183k | 3.60k | -2.06k | 116 |
| 11 | 7 | -44.0k | -46.1k | -71.4k | -2.39k | -8.28k | -38.9 | 14.2k | 4.12k | 460k | 10.1k | 3.92k | 287 |
| 11 | 8 | -122k | -113k | -786k | -18.9k | -24.6k | -457 | 92.0k | 70.7k | 1.17M | 26.6k | 20.2k | 705 |
| 12 | 1 | -18.3k | 426 | 132k | -268 | -2.38k | -8.68 | -17.4k | 463 | 138k | -243 | -2.24k | -7.89 |
| 12 | 4 | -12.5k | 281 | 96.7k | -160 | -1.59k | -5.19 | -12.5k | 281 | 96.7k | -160 | -1.59k | -5.19 |
| 12 | 5 | -11.9k | 255 | 93.1k | -144 | -1.51k | -4.67 | -11.9k | 255 | 93.1k | -144 | -1.51k | -4.67 |
| 12 | 7 | -32.9k | -63.1 | -51.0k | -968 | -4.82k | -32.4 | 7.88k | 625 | 244k | 649 | 1.63k | 22.0 |
| 12 | 8 | -85.0k | -943 | -429k | -3.08k | -13.1k | -103 | 60.0k | 1.50k | 622k | 2.76k | 9.88k | 93.1 |
| 13 | 1 | 402 | 21.8k | 630k | -18.6k | 100 | -0.254 | 688 | 24.5k | 689k | -16.5k | 356 | -0.205 |

| | | | | | | | | | | | | | |
|----|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|
| 13 | 4 | 811 | 13.6k | 417k | -10.3k | 507 | -0.213 | 811 | 13.6k | 417k | -10.3k | 507 | -0.213 |
| 13 | 5 | 989 | 11.7k | 377k | -8.89k | 661 | -0.214 | 989 | 11.7k | 377k | -8.89k | 661 | -0.214 |
| 13 | 7 | -1.10k | 11.4k | 392k | -13.2k | -1.99k | -6.58 | 2.73k | 15.8k | 441k | -7.43k | 3.00k | 6.16 |
| 13 | 8 | -6.03k | 5.85k | 342k | -20.7k | -8.41k | -23.1 | 7.66k | 21.3k | 491k | 66.9 | 9.42k | 22.7 |
| 14 | 1 | 13.3k | -5.61k | 305k | 3.15k | 6.81k | 50.8 | 14.9k | -5.03k | 338k | 3.49k | 7.57k | 56.2 |
| 14 | 4 | 8.15k | -3.23k | 197k | 2.02k | 4.27k | 32.7 | 8.15k | -3.23k | 197k | 2.02k | 4.27k | 32.7 |
| 14 | 5 | 7.00k | -2.85k | 176k | 1.79k | 3.73k | 29.0 | 7.00k | -2.85k | 176k | 1.79k | 3.73k | 29.0 |
| 14 | 7 | -2.88k | -3.77k | 134k | 265 | -79.0 | -11.4 | 19.2k | -2.69k | 261k | 3.79k | 8.62k | 76.8 |
| 14 | 8 | -31.1k | -5.15k | -29.9k | -4.35k | -11.3k | -127 | 47.4k | -1.31k | 425k | 8.40k | 19.9k | 193 |
| 15 | 1 | -25.9k | 1.19k | 219k | -540 | -5.38k | -7.46 | -23.9k | 1.31k | 238k | -474 | -4.93k | -6.13 |
| 15 | 4 | -16.1k | 800 | 147k | -319 | -3.30k | -4.13 | -16.1k | 800 | 147k | -319 | -3.30k | -4.13 |
| 15 | 5 | -14.7k | 727 | 135k | -283 | -3.00k | -3.51 | -14.7k | 727 | 135k | -283 | -3.00k | -3.51 |
| 15 | 7 | -37.6k | -1.02k | -33.7k | -2.73k | -10.0k | -76.9 | 5.44k | 2.62k | 328k | 2.09k | 3.40k | 68.6 |
| 15 | 8 | -94.7k | -5.66k | -517k | -8.96k | -27.8k | -266 | 62.5k | 7.26k | 811k | 8.32k | 21.2k | 257 |
| 16 | 1 | -3.56k | 2.52k | 746k | -2.21k | -3.07k | -0.133 | -3.33k | 2.73k | 796k | -2.03k | -2.87k | -0.108 |
| 16 | 4 | -2.24k | 1.82k | 492k | -1.47k | -1.92k | -0.112 | -2.24k | 1.82k | 492k | -1.47k | -1.92k | -0.112 |
| 16 | 5 | -2.07k | 1.71k | 453k | -1.38k | -1.76k | -0.113 | -2.07k | 1.71k | 453k | -1.38k | -1.76k | -0.113 |
| 16 | 7 | -5.20k | 1.68k | 470k | -1.89k | -5.40k | -3.46 | 718 | 1.96k | 514k | -1.05k | 1.57k | 3.24 |
| 16 | 8 | -13.1k | 1.33k | 425k | -2.96k | -14.7k | -12.2 | 8.62k | 2.31k | 559k | 23.7 | 10.9k | 11.9 |
| 17 | 1 | -4.11k | 2.83k | 283k | -2.43k | -3.57k | -0.133 | -3.78k | 3.02k | 299k | -2.28k | -3.27k | -0.108 |
| 17 | 4 | -2.56k | 1.92k | 199k | -1.55k | -2.22k | -0.112 | -2.56k | 1.92k | 199k | -1.55k | -2.22k | -0.112 |
| 17 | 5 | -2.35k | 1.79k | 188k | -1.44k | -2.04k | -0.113 | -2.35k | 1.79k | 188k | -1.44k | -2.04k | -0.113 |
| 17 | 7 | -4.03k | 892 | 182k | -2.88k | -4.14k | -3.46 | -1.09k | 2.95k | 216k | -215 | -303 | 3.24 |
| 17 | 8 | -7.83k | -1.74k | 139k | -6.32k | -9.08k | -12.2 | 2.70k | 5.59k | 259k | 3.23k | 4.64k | 11.9 |
| 18 | 1 | -944 | -3.23k | 311k | 2.98k | -949 | -93.0m | -876 | -3.22k | 333k | 3.00k | -874 | -75.1m |
| 18 | 4 | -588 | -2.42k | 213k | 2.24k | -588 | -78.1m | -588 | -2.42k | 213k | 2.24k | -588 | -78.1m |
| 18 | 5 | -540 | -2.40k | 197k | 2.22k | -538 | -78.6m | -540 | -2.40k | 197k | 2.22k | -538 | -78.6m |
| 18 | 7 | -676 | -2.99k | 198k | 1.59k | -977 | -2.42 | -500 | -1.85k | 228k | 2.89k | -199 | 2.26 |
| 18 | 8 | -871 | -4.38k | 161k | 7.59 | -1.98k | -8.48 | -306 | -451 | 264k | 4.47k | 802 | 8.33 |
| 19 | 1 | -235 | 15.7k | 521k | -14.0k | -253 | -91.9m | -201 | 17.5k | 575k | -12.5k | -217 | -74.2m |
| 19 | 4 | -119 | 9.98k | 341k | -7.94k | -132 | -77.1m | -119 | 9.98k | 341k | -7.94k | -132 | -77.1m |
| 19 | 5 | -97.7 | 8.75k | 305k | -6.96k | -110 | -77.6m | -97.7 | 8.75k | 305k | -6.96k | -110 | -77.6m |
| 19 | 7 | -553 | 8.90k | 335k | -9.67k | -757 | -2.39 | 314 | 11.1k | 347k | -6.21k | 493 | 2.23 |
| 19 | 8 | -1.68k | 6.13k | 322k | -14.1k | -2.39k | -8.38 | 1.44k | 13.8k | 360k | -1.74k | 2.12k | 8.22 |
| 20 | 1 | -439 | 981 | 987k | -858 | -610 | -0.144 | -397 | 1.12k | 1.10M | -748 | -540 | -0.116 |
| 20 | 4 | -255 | 596 | 635k | -449 | -346 | -0.121 | -255 | 596 | 635k | -449 | -346 | -0.121 |
| 20 | 5 | -226 | 504 | 561k | -375 | -303 | -0.122 | -226 | 504 | 561k | -375 | -303 | -0.122 |
| 20 | 7 | -582 | -532 | 631k | -1.76k | -1.88k | -3.74 | 72.0 | 1.72k | 638k | 862 | 1.19k | 3.50 |
| 20 | 8 | -1.34k | -3.45k | 623k | -5.16k | -5.92k | -13.1 | 832 | 4.64k | 646k | 4.26k | 5.22k | 12.9 |
| 21 | 1 | 2.12k | -16.5k | 773k | 12.2k | 1.64k | -0.138 | 2.41k | -14.7k | 860k | 13.6k | 1.86k | -0.112 |
| 21 | 4 | 1.30k | -9.41k | 497k | 7.77k | 1.01k | -0.116 | 1.30k | -9.41k | 497k | 7.77k | 1.01k | -0.116 |
| 21 | 5 | 1.11k | -8.26k | 439k | 6.83k | 859 | -0.117 | 1.11k | -8.26k | 439k | 6.83k | 859 | -0.117 |
| 21 | 7 | -799 | -10.1k | 477k | 6.65k | -1.53k | -3.59 | 3.40k | -8.66k | 517k | 8.89k | 3.54k | 3.36 |
| 21 | 8 | -6.39k | -12.0k | 425k | 3.78k | -8.27k | -12.6 | 8.99k | -6.77k | 568k | 11.8k | 10.3k | 12.4 |
| 22 | 1 | 4.01k | 2.71k | 764k | -2.32k | 3.25k | -0.133 | 4.33k | 2.87k | 826k | -2.19k | 3.51k | -0.108 |
| 22 | 4 | 2.86k | 1.87k | 518k | -1.50k | 2.34k | -0.112 | 2.86k | 1.87k | 518k | -1.50k | 2.34k | -0.112 |
| 22 | 5 | 2.69k | 1.75k | 477k | -1.41k | 2.20k | -0.113 | 2.69k | 1.75k | 477k | -1.41k | 2.20k | -0.113 |
| 22 | 7 | 216 | 1.70k | 506k | -2.07k | -877 | -3.46 | 5.51k | 2.04k | 530k | -934 | 5.56k | 3.24 |
| 22 | 8 | -6.75k | 1.26k | 479k | -3.53k | -9.36k | -12.2 | 12.5k | 2.48k | 557k | 523 | 14.0k | 11.9 |
| 23 | 1 | 2.39k | -1.58k | 195k | 1.55k | 2.29k | -99.6m | 2.42k | -1.49k | 204k | 1.63k | 2.30k | -80.5m |
| 23 | 4 | 1.82k | -1.06k | 140k | 1.10k | 1.75k | -83.6m | 1.82k | -1.06k | 140k | 1.10k | 1.75k | -83.6m |
| 23 | 5 | 1.81k | -1.00k | 135k | 1.04k | 1.74k | -84.2m | 1.81k | -1.00k | 135k | 1.04k | 1.74k | -84.2m |
| 23 | 7 | 1.52k | -1.49k | 125k | 664 | 1.33k | -2.59 | 2.12k | -625 | 155k | 1.53k | 2.16k | 2.42 |
| 23 | 8 | 831 | -2.51k | 88.3k | -337 | 322 | -9.09 | 2.81k | 401 | 192k | 2.53k | 3.17k | 8.92 |
| 24 | 1 | 6.90k | 10.3k | 403k | -8.99k | 5.34k | -0.213 | 6.97k | 11.0k | 423k | -8.42k | 5.35k | -0.172 |
| 24 | 4 | 5.16k | 7.07k | 280k | -5.77k | 4.01k | -0.178 | 5.16k | 7.07k | 280k | -5.77k | 4.01k | -0.178 |
| 24 | 5 | 5.09k | 6.59k | 265k | -5.38k | 3.98k | -0.180 | 5.09k | 6.59k | 265k | -5.38k | 3.98k | -0.180 |
| 24 | 7 | 3.95k | 5.75k | 253k | -7.68k | 1.67k | -5.52 | 6.37k | 8.39k | 307k | -3.87k | 6.35k | 5.16 |
| 24 | 8 | 955 | 2.43k | 183k | -12.5k | -4.36k | -19.4 | 9.36k | 11.7k | 376k | 967 | 12.4k | 19.0 |
| 25 | 1 | 1.36k | -2.60k | 420k | 2.08k | 1.04k | -84.2m | 1.47k | -2.42k | 439k | 2.24k | 1.12k | -68.0m |
| 25 | 4 | 977 | -1.69k | 287k | 1.45k | 755 | -70.6m | 977 | -1.69k | 287k | 1.45k | 755 | -70.6m |
| 25 | 5 | 916 | -1.58k | 271k | 1.36k | 712 | -71.1m | 916 | -1.58k | 271k | 1.36k | 712 | -71.1m |
| 25 | 7 | 881 | -2.81k | 282k | 172 | 175 | -2.19 | 1.07k | -564 | 292k | 2.73k | 1.34k | 2.04 |
| 25 | 8 | 652 | -5.71k | 270k | -3.12k | -1.34k | -7.68 | 1.30k | 2.33k | 304k | 6.03k | 2.85k | 7.53 |
| 26 | 1 | 1.47k | 2.71k | 440k | -2.40k | 1.14k | -84.2m | 1.60k | 2.91k | 459k | -2.23k | 1.23k | -68.0m |
| 26 | 4 | 1.06k | 1.87k | 301k | -1.54k | 825 | -70.6m | 1.06k | 1.87k | 301k | -1.54k | 825 | -70.6m |
| 26 | 5 | 989 | 1.74k | 284k | -1.43k | 776 | -71.1m | 989 | 1.74k | 284k | -1.43k | 776 | -71.1m |
| 26 | 7 | 950 | 757 | 296k | -2.81k | 221 | -2.19 | 1.17k | 2.99k | 305k | -270 | 1.43k | 2.04 |
| 26 | 8 | 687 | -2.12k | 286k | -6.09k | -1.37k | -7.68 | 1.43k | 5.86k | 316k | 3.01k | 3.02k | 7.53 |
| 27 | 1 | 14.6k | -2.85k | 162k | 1.92k | 1.24k | -68.7 | 15.1k | -2.66k | 169k | 2.07k | 1.26k | -63.7 |
| 27 | 4 | 10.6k | -1.82k | 116k | 1.31k | 925 | -43.4 | 10.6k | -1.82k | 116k | 1.31k | 925 | -43.4 |
| 27 | 5 | 10.3k | -1.68k | 111k | 1.21k | 911 | -40.1 | 10.3k | -1.68k | 111k | 1.21k | 911 | -40.1 |
| 27 | 7 | -5.02k | -2.23k | -17.6k | 373 | -1.39k | -78.3 | 26.2k | -1.41k | 249k | 2.24k | 3.24k | -8.45 |

| | | | | | | | | | | | | | |
|----|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|
| 27 | 8 | -46.8k | -3.27k | -376k | -2.02k | -7.60k | -168 | 68.0k | -358 | 608k | 4.63k | 9.45k | 80.9 |
| 28 | 1 | 821 | -119 | 97.1k | 122 | 798 | -41.4m | 832 | -78.6 | 103k | 165 | 803 | -33.4m |
| 28 | 4 | 624 | -9.90 | 67.9k | 42.5 | 608 | -34.7m | 624 | -9.90 | 67.9k | 42.5 | 608 | -34.7m |
| 28 | 5 | 619 | 18.5 | 63.8k | 13.1 | 605 | -34.9m | 619 | 18.5 | 63.8k | 13.1 | 605 | -34.9m |
| 28 | 7 | 512 | -339 | 63.5k | -257 | 492 | -1.07 | 737 | 319 | 72.3k | 342 | 724 | 1.00 |
| 28 | 8 | 249 | -1.08k | 52.6k | -895 | 219 | -3.77 | 1.00k | 1.06k | 83.2k | 980 | 997 | 3.70 |
| 29 | 1 | 333 | 812 | 98.3k | -820 | 303 | -41.4m | 340 | 870 | 104k | -765 | 315 | -33.4m |
| 29 | 4 | 267 | 564 | 68.8k | -529 | 250 | -34.7m | 267 | 564 | 68.8k | -529 | 250 | -34.7m |
| 29 | 5 | 272 | 527 | 64.7k | -493 | 257 | -34.9m | 272 | 527 | 64.7k | -493 | 257 | -34.9m |
| 29 | 7 | 227 | 238 | 62.2k | -826 | 106 | -1.07 | 308 | 891 | 75.3k | -232 | 395 | 1.00 |
| 29 | 8 | 141 | -502 | 45.9k | -1.46k | -262 | -3.77 | 393 | 1.63k | 91.7k | 403 | 762 | 3.70 |
| 30 | 1 | -24.8k | 20.0k | 209k | -2.59k | -3.45k | 22.2 | -23.4k | 20.6k | 219k | -2.53k | -3.23k | 27.1 |
| 30 | 4 | -16.4k | 14.4k | 149k | -1.82k | -2.24k | 13.1 | -16.4k | 14.4k | 149k | -1.82k | -2.24k | 13.1 |
| 30 | 5 | -15.4k | 13.9k | 142k | -1.76k | -2.09k | 10.2 | -15.4k | 13.9k | 142k | -1.76k | -2.09k | 10.2 |
| 30 | 7 | -25.0k | -4.71k | 11.1k | -5.42k | -4.17k | -93.3 | -7.74k | 33.5k | 286k | 1.77k | -305 | 119 |
| 30 | 8 | -47.0k | -53.4k | -341k | -14.6k | -9.20k | -368 | 14.3k | 82.2k | 638k | 10.9k | 4.72k | 394 |
| 31 | 1 | -2.24k | -23.6k | 183k | 2.72k | -1.98k | -67.9 | -2.07k | -22.7k | 189k | 2.83k | -1.81k | -62.3 |
| 31 | 4 | -1.40k | -16.5k | 133k | 1.98k | -1.21k | -41.4 | -1.40k | -16.5k | 133k | 1.98k | -1.21k | -41.4 |
| 31 | 5 | -1.28k | -15.9k | 129k | 1.91k | -1.10k | -37.6 | -1.28k | -15.9k | 129k | 1.91k | -1.10k | -37.6 |
| 31 | 7 | -1.68k | -39.6k | -44.2k | -1.47k | -2.82k | -98.9 | -1.12k | 6.60k | 310k | 5.43k | 407 | 16.0 |
| 31 | 8 | -2.40k | -99.1k | -502k | -10.3k | -7.08k | -251 | -393 | 66.1k | 767k | 14.3k | 4.67k | 168 |
| 36 | 1 | -11.9k | -6.84k | 105k | 275 | -779 | -97.6 | -11.0k | -6.42k | 114k | 283 | -715 | -89.7 |
| 36 | 4 | -7.40k | -4.36k | 71.3k | 187 | -481 | -60.3 | -7.40k | -4.36k | 71.3k | 187 | -481 | -60.3 |
| 36 | 5 | -6.77k | -4.04k | 65.5k | 177 | -439 | -55.1 | -6.77k | -4.04k | 65.5k | 177 | -439 | -55.1 |
| 36 | 7 | -20.0k | -14.9k | 3.38k | -1.16k | -1.41k | -180 | 5.18k | 6.23k | 139k | 1.53k | 444 | 59.6 |
| 36 | 8 | -53.0k | -42.9k | -179k | -4.67k | -3.82k | -497 | 38.2k | 34.2k | 321k | 5.04k | 2.86k | 376 |
| 37 | 1 | 41.6k | -703 | 98.2k | 81.3 | 3.18k | -425 | 46.2k | -595 | 108k | 88.8 | 3.53k | -383 |
| 37 | 4 | 26.6k | -202 | 63.5k | 42.3 | 2.03k | -243 | 26.6k | -202 | 63.5k | 42.3 | 2.03k | -243 |
| 37 | 5 | 23.5k | -91.7 | 56.6k | 34.0 | 1.79k | -214 | 23.5k | -91.7 | 56.6k | 34.0 | 1.79k | -214 |
| 37 | 7 | 19.9k | -10.2k | 28.7k | -836 | 1.36k | -377 | 33.4k | 9.84k | 98.4k | 921 | 2.70k | -110 |
| 37 | 8 | 2.50k | -36.7k | -64.2k | -3.15k | -380 | -717 | 50.8k | 36.3k | 191k | 3.23k | 4.44k | 231 |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Solai

| Piano | Travetto | x [m] | Fondamentale | | | | | Rara. | | | Frequente | | | Quasi Perm. | |
|-------|----------|----------|--------------|---------------|---------------|--------------|--------------|----------|---------------|---------------|-----------|---------------|---------------|-------------|-----------|
| | | | N [N] | M min [Nm] | M max [Nm] | V min [N] | V max [N] | N [N] | M min [Nm] | M max [Nm] | N [N] | M min [Nm] | M max [Nm] | N [N] | M [Nm] |
| 1 | 1 | 0 | 0 | -9.63k | 0 | 10.0k | 16.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 2.69 | 0 | 12.0k | 21.7k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.0k |
| 1 | 1 | 5.39 | 0 | -9.63k | 0 | -16.1k | -10.0k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 2 | 0 | 0 | -8.81k | 0 | 9.57k | 15.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 2 | 2.58 | 0 | 11.0k | 19.8k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.0k |
| 1 | 2 | 5.15 | 0 | -8.81k | 0 | -15.4k | -9.57k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 3 | 0 | 0 | -4.87k | 0 | 7.12k | 11.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 3 | 1.92 | 0 | 6.09k | 11.0k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.08k |
| 1 | 3 | 3.83 | 0 | -4.87k | 0 | -11.4k | -7.12k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 4 | 0 | 0 | -5.54k | 0 | 7.60k | 12.2k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 4 | 2.05 | 0 | 6.93k | 12.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.92k |
| 1 | 4 | 4.09 | 0 | -5.54k | 0 | -12.2k | -7.60k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 5 | 0 | 0 | -10.5k | 0 | 10.8k | 17.0k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 5 | 2.79 | 0 | 13.2k | 23.7k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.3k |
| 1 | 5 | 5.57 | 0 | -10.5k | 0 | -17.0k | -10.8k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 6 | 0 | 0 | -10.6k | 0 | 8.32k | 17.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 6 | 2.80 | 0 | 8.14k | 19.1k | -3.31k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.21k |
| 1 | 6 | 5.59 | 0 | -18.5k | -4.78k | -20.4k | -12.9k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -10.3k |
| 1 | 7 | 0 | 0 | -18.5k | -2.54k | 10.5k | 16.8k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -10.3k |
| 1 | 7 | 2.06 | 0 | -210 | 10.1k | 0 | 4.49k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.87k |
| 1 | 7 | 4.13 | 0 | -5.64k | 0 | -12.3k | -3.73k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 8 | 0 | 0 | -8.75k | 0 | 9.55k | 15.3k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 8 | 2.57 | 0 | 10.9k | 19.7k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.9k |
| 1 | 8 | 5.14 | 0 | -8.75k | 0 | -15.3k | -9.55k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 9 | 0 | 0 | -11.5k | 0 | 11.3k | 17.8k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 9 | 2.91 | 0 | 14.4k | 25.9k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.5k |
| 1 | 9 | 5.82 | 0 | -11.5k | 0 | -17.8k | -11.3k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 10 | 0 | 0 | -10.6k | 0 | 10.8k | 17.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 10 | 2.80 | 0 | 13.3k | 23.9k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.4k |
| 1 | 10 | 5.59 | 0 | -10.6k | 0 | -17.1k | -10.8k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 11 | 0 | 0 | -4.87k | 0 | 7.12k | 11.4k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 11 | 1.92 | 0 | 6.09k | 11.0k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.08k |
| 1 | 11 | 3.83 | 0 | -4.87k | 0 | -11.4k | -7.12k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 12 | 0 | 0 | -5.80k | 0 | 7.77k | 12.5k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 12 | 2.09 | 0 | 7.25k | 13.1k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.24k |
| 1 | 12 | 4.18 | 0 | -5.80k | 0 | -12.5k | -7.77k | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Famiglia Cmb. 1) Fondamentale

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| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|---------|---|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|
| 346 | 5 | 23 | 12.2900 | 2.0900 | 4.8500 | 1 | 0.16m | 20.6μ | -0.24m | -0.006 | 0.001 | 0.002 | 0.17m | 21.5μ | -0.22m | -0.006 | 0.001 | 0.002 |
| 348 | 5 | 24 | 12.2900 | 5.2900 | 4.8500 | 1 | 54.9μ | -39.5μ | -0.29m | 0.007 | -0.002 | 0.002 | 57.1μ | -36.8μ | -0.27m | 0.007 | -0.002 | 0.002 |
| 351 | 5 | 28 | 13.9500 | 2.0900 | 4.8500 | 1 | 0.16m | 57.2μ | -0.17m | -0.004 | 0 | 0.002 | 0.16m | 60.2μ | -0.16m | -0.003 | 0.001 | 0.002 |
| 353 | 5 | 29 | 13.9500 | 5.2900 | 4.8500 | 1 | 62.7μ | 30.3μ | -0.18m | 0.003 | -0.001 | 0.002 | 64.9μ | 30.4μ | -0.16m | 0.003 | -0.001 | 0.002 |
| 359 | 5 | 33 | 12.2900 | 3.0900 | 4.8500 | 1 | -37.5μ | 7.28μ | -0.48m | -0.005 | -0.067 | 0.002 | -32.4μ | 7.58μ | -0.46m | -0.005 | -0.066 | 0.002 |
| 307 | 5 | 35 | 12.2900 | 4.2900 | 4.8500 | 1 | -56.8μ | -12.7μ | -0.47m | 0.003 | -0.061 | 0.002 | -54.5μ | -12.0μ | -0.45m | 0.003 | -0.061 | 0.002 |
| 369 | 2 | 1 | -5.1600 | 13.9500 | 6.6500 | 1 | 61.9μ | 68.9μ | -0.51m | -0.005 | 0.007 | 0 | 63.0μ | 73.1μ | -0.50m | -0.004 | 0.007 | 0 |
| 371 | 2 | 2 | -5.1600 | 16.6500 | 6.6500 | 1 | -4.40μ | 35.1μ | -0.63m | 0 | -0.003 | 0 | -2.80μ | 35.7μ | -0.58m | 0 | -0.003 | 0 |
| 373 | 2 | 3 | -5.1600 | 18.8800 | 6.6500 | 1 | 1.12μ | 17.0μ | -0.57m | 0.003 | -0.002 | 0 | 3.02μ | 19.6μ | -0.53m | 0.003 | -0.002 | 0 |
| 375 | 2 | 4 | -5.1600 | 21.5400 | 6.6500 | 1 | 17.9μ | 19.3μ | -0.15m | 0.002 | 0 | 0 | 21.5μ | 22.4μ | -0.15m | 0.003 | 0 | 0 |
| 383 | 2 | 5 | 0.1800 | 0.1800 | 6.6500 | 1 | -8.43μ | 36.2μ | -0.15m | -0.001 | -0.001 | 0 | -5.18μ | 36.7μ | -0.15m | -0.001 | -0.001 | 0 |
| 391 | 2 | 6 | 0.1800 | 2.7000 | 6.6500 | 1 | -25.0μ | 57.1μ | -0.21m | -0.004 | -0.004 | 0 | -23.2μ | 57.7μ | -0.20m | -0.004 | -0.004 | 0 |
| 399 | 2 | 7 | 0.1800 | 7.0000 | 6.6500 | 1 | 54.1μ | 13.3μ | -0.95m | 0.002 | 0.007 | 0 | 68.2μ | 16.1μ | -0.91m | 0.002 | 0.008 | 0 |
| 401 | 2 | 8 | 0.1800 | 11.4800 | 6.6500 | 1 | -54.6μ | -7.61μ | -0.91m | 0.005 | -0.01 | 0 | -54.2μ | -4.01μ | -0.88m | 0.006 | -0.009 | 0 |
| 403 | 2 | 9 | 0.1800 | 13.9500 | 6.6500 | 1 | -30.5μ | 3.66μ | -0.72m | 0.004 | -0.007 | 0 | -24.5μ | 4.94μ | -0.68m | 0.005 | -0.006 | 0 |
| 405 | 2 | 10 | 0.1800 | 16.3400 | 6.6500 | 1 | 16.4μ | 26.2μ | -0.17m | 0.001 | 0.001 | 0 | 20.2μ | 27.6μ | -0.16m | 0.001 | 0.001 | 0 |
| 421 | 2 | 11 | 0.1800 | 21.5400 | 6.6500 | 1 | 38.0μ | 41.6μ | -0.20m | -0.002 | 0.003 | 0 | 43.0μ | 42.1μ | -0.20m | -0.002 | 0.003 | 0 |
| 429 | 2 | 12 | 5.7500 | 0.1800 | 6.6500 | 1 | -3.69μ | 38.0μ | -0.12m | -0.004 | 0 | 0 | -0.22μ | 38.4μ | -0.12m | -0.004 | 0 | 0 |
| 437 | 2 | 13 | 5.7500 | 2.0900 | 6.6500 | 1 | -9.52μ | 95.0μ | -0.63m | -0.011 | -0.001 | 0 | -8.77μ | 0.10m | -0.57m | -0.009 | -0.001 | 0 |
| 439 | 2 | 14 | 5.7500 | 7.0000 | 6.6500 | 1 | -95.0μ | -33.4μ | -0.74m | 0.006 | -0.013 | 0 | -88.2μ | -25.1μ | -0.66m | 0.007 | -0.011 | 0 |
| 441 | 2 | 15 | 4.9300 | 16.3400 | 6.6500 | 1 | 32.3μ | 49.3μ | -0.23m | -0.003 | 0.003 | 0 | 38.0μ | 51.1μ | -0.21m | -0.003 | 0.003 | 0 |
| 449 | 2 | 16 | 4.9900 | 21.5400 | 6.6500 | 1 | 3.84μ | 70.3μ | -0.94m | -0.007 | -0.002 | 0 | 6.12μ | 72.2μ | -0.88m | -0.006 | -0.002 | 0 |
| 451 | 2 | 17 | 8.5200 | 2.0900 | 6.6500 | 1 | -39.4μ | 36.0μ | -0.36m | -0.002 | -0.006 | 0 | -39.2μ | 36.1μ | -0.34m | -0.002 | -0.005 | 0 |
| 453 | 2 | 18 | 8.5200 | 5.2900 | 6.6500 | 1 | -3.77μ | 14.4μ | -0.49m | 0.002 | -0.001 | 0 | -0.66μ | 14.5μ | -0.45m | 0.002 | -0.001 | 0 |
| 455 | 2 | 19 | 8.5200 | 7.0000 | 6.6500 | 1 | -36.8μ | 73.1μ | -0.72m | -0.009 | -0.007 | 0 | -35.0μ | 78.3μ | -0.65m | -0.008 | -0.006 | 0 |
| 457 | 2 | 20 | 8.5200 | 11.7000 | 6.6500 | 1 | 8.64μ | 34.2μ | -1.19m | -0.002 | 0 | 0 | 12.2μ | 34.9μ | -1.07m | -0.002 | 0 | 0 |
| 459 | 2 | 21 | 8.5200 | 16.3400 | 6.6500 | 1 | 18.5μ | -48.9μ | -0.99m | 0.009 | 0.001 | 0 | 22.0μ | -40.6μ | -0.89m | 0.01 | 0.001 | 0 |
| 461 | 2 | 22 | 9.2100 | 21.5400 | 6.6500 | 1 | 47.0μ | 64.0μ | -0.97m | -0.007 | 0.004 | 0 | 53.6μ | 67.2μ | -0.90m | -0.006 | 0.004 | 0 |
| 1094 | 2 | 23 | 12.2900 | 2.0900 | 6.6500 | 1 | -2.29μ | 17.3μ | -0.30m | 0.004 | 0 | 0 | 0.95μ | 18.1μ | -0.29m | 0.004 | 0 | 0 |
| 464 | 2 | 24 | 12.2900 | 5.2900 | 6.6500 | 1 | 5.10μ | 79.8μ | -0.36m | -0.009 | 0.001 | 0 | 8.92μ | 82.3μ | -0.34m | -0.009 | 0.001 | 0 |
| 467 | 2 | 25 | 12.2900 | 9.6900 | 6.6500 | 1 | 32.4μ | -18.3μ | -0.63m | 0.005 | 0.004 | 0 | 36.9μ | -15.2μ | -0.60m | 0.005 | 0.004 | 0 |
| 469 | 2 | 26 | 12.2900 | 11.7700 | 6.6500 | 1 | 37.0μ | 63.1μ | -0.65m | -0.007 | 0.004 | 0 | 41.5μ | 65.2μ | -0.63m | -0.007 | 0.004 | 0 |
| 471 | 2 | 27 | 12.2900 | 16.3400 | 6.6500 | 1 | 4.53μ | -16.3μ | -0.18m | 0.006 | -0.002 | 0 | 6.65μ | -13.2μ | -0.17m | 0.006 | -0.002 | 0 |
| 1108 | 2 | 28 | 13.9500 | 2.0900 | 6.6500 | 1 | -2.29μ | 15.4μ | -0.22m | 0.002 | 0 | 0 | 0.95μ | 16.2μ | -0.21m | 0.002 | 0 | 0 |
| 1101 | 2 | 29 | 13.9500 | 5.2900 | 6.6500 | 1 | 1.36μ | 15.4μ | -0.22m | -0.003 | 0 | 0 | 4.61μ | 16.2μ | -0.21m | -0.003 | 0 | 0 |
| 481 | 2 | 30 | 14.3000 | 16.3400 | 6.6500 | 1 | 14.5μ | 12.8μ | -0.17m | 0.001 | 0 | 0 | 17.9μ | 13.9μ | -0.16m | 0.001 | 0 | 0 |
| 489 | 2 | 31 | 14.3000 | 21.5400 | 6.6500 | 1 | -25.7μ | 22.1μ | -0.18m | -0.001 | -0.007 | 0 | -24.6μ | 22.7μ | -0.17m | -0.001 | -0.007 | 0 |
| 366 | 2 | 32 | 8.5200 | 3.0900 | 6.6500 | 1 | 0.15m | 34.1μ | -0.56m | -0.005 | 0.058 | 0 | 0.15m | 34.3μ | -0.54m | -0.005 | 0.059 | 0 |
| 662 | 2 | 34 | 8.5200 | 4.2900 | 6.6500 | 1 | 0.18m | 18.2μ | -0.68m | 0.001 | 0.066 | 0 | 0.18m | 18.9μ | -0.65m | 0.001 | 0.066 | 0 |
| 579 | 2 | 36 | 4.4300 | 16.3400 | 6.6500 | 1 | 25.4μ | 47.2μ | -0.22m | -0.003 | 0.002 | 0 | 30.3μ | 48.6μ | -0.20m | -0.003 | 0.002 | 0 |
| 673 | 6 | 23 | 12.2900 | 2.0900 | 8.4500 | 1 | 0.12m | 32.7μ | -0.35m | -0.007 | 0.002 | 0.001 | 0.13m | 34.7μ | -0.33m | -0.006 | 0.002 | 0.001 |
| 675 | 6 | 24 | 12.2900 | 5.2900 | 8.4500 | 1 | 28.6μ | -32.0μ | -0.41m | 0.007 | -0.001 | 0.001 | 33.0μ | -26.0μ | -0.39m | 0.007 | -0.001 | 0.001 |
| 678 | 6 | 28 | 13.9500 | 2.0900 | 8.4500 | 1 | 0.12m | 64.1μ | -0.25m | -0.004 | 0.001 | 0.001 | 0.13m | 64.9μ | -0.24m | -0.004 | 0.001 | 0.001 |
| 680 | 6 | 29 | 13.9500 | 5.2900 | 8.4500 | 1 | 32.7μ | 32.7μ | -0.26m | 0.003 | 0 | 0.001 | 37.1μ | 36.5μ | -0.24m | 0.003 | 0 | 0.001 |
| 686 | 6 | 33 | 12.2900 | 3.0900 | 8.4500 | 1 | -69.9μ | 16.9μ | -0.60m | -0.005 | -0.064 | 0.001 | -63.1μ | 19.6μ | -0.58m | -0.005 | -0.064 | 0.001 |
| 667 | 6 | 35 | 12.2900 | 4.2900 | 8.4500 | 1 | -90.1μ | -4.51μ | -0.60m | 0.003 | -0.061 | 0.001 | -87.1μ | -0.60μ | -0.57m | 0.004 | -0.06 | 0.001 |
| 696 | 3 | 1 | -5.1600 | 13.9500 | 10.2500 | 1 | 54.2μ | 0.13m | -0.67m | -0.006 | 0.004 | 0 | 71.9μ | 0.14m | -0.65m | -0.005 | 0.005 | 0 |
| 698 | 3 | 2 | -5.1600 | 16.6500 | 10.2500 | 1 | 29.2μ | 95.5μ | -0.81m | 0 | -0.001 | 0 | 37.1μ | 96.8μ | -0.76m | 0.001 | -0.001 | 0 |
| 700 | 3 | 3 | -5.1600 | 18.8800 | 10.2500 | 1 | 40.0μ | 69.7μ | -0.73m | 0.004 | -0.001 | 0 | 47.6μ | 74.0μ | -0.68m | 0.004 | -0.001 | 0 |
| 702 | 3 | 4 | -5.1600 | 21.5400 | 10.2500 | 1 | 58.8μ | 80.9μ | -0.20m | 0.002 | 0 | 0 | 67.9μ | 84.2μ | -0.20m | 0.003 | 0 | 0 |
| 710 | 3 | 5 | 0.1800 | 0.1800 | 10.2500 | 1 | -33.4μ | 81.1μ | -0.20m | -0.001 | -0.001 | 0 | -27.4μ | 83.0μ | -0.20m | -0.001 | -0.001 | 0 |
| 718 | 3 | 6 | 0.1800 | 2.7000 | 10.2500 | 1 | -29.7μ | 99.0μ | -0.26m | -0.004 | -0.002 | 0 | -25.3μ | 99.8μ | -0.26m | -0.003 | -0.002 | 0 |
| 726 | 3 | 7 | 0.1800 | 7.0000 | 10.2500 | 1 | 23.6μ | 92.3μ | -1.29m | -0.002 | 0.003 | 0 | 35.9μ | 95.6μ | -1.24m | -0.002 | 0.004 | 0 |
| 728 | 3 | 8 | 0.1800 | 11.4800 | 10.2500 | 1 | 33.7μ | 29.1μ | -1.22m | 0.006 | 0.002 | 0 | 34.7μ | 34.4μ | -1.17m | 0.007 | 0.002 | 0 |
| 730 | 3 | 9 | 0.1800 | 13.9500 | 10.2500 | 1 | 9.76μ | 43.2μ | -0.93m | 0.005 | -0.004 | 0 | 9.86μ | 45.6μ | -0.90m | 0.005 | -0.003 | 0 |
| 732 | 3 | 10 | 0.1800 | 16.3400 | 10.2500 | 1 | 40.1μ | 70.3μ | -0.22m | 0.001 | 0.001 | 0 | 48.7μ | 73.1μ | -0.21m | 0.001 | 0.001 | 0 |
| 748 | 3 | 11 | 0.1800 | 21.5400 | 10.2500 | 1 | 76.2μ | 84.3μ | -0.27m | -0.001 | 0.003 | 0 | 86.6μ | 86.3μ | -0.26m | -0.001 | 0.003 | 0 |
| 756 | 3 | 12 | 5.7500 | 0.1800 | 10.2500 | 1 | -29.9μ | 68.9μ | -0.16m | -0.005 | 0 | 0 | -23.8μ | 70.4μ | -0.15m | -0.005 | 0 | 0 |
| 764 | 3 | 13 | 5.7500 | 2.0900 | 10.2500 | 1 | -32.9μ | 0.12m | -0.84m | -0.011 | -0.002 | 0 | -30.0μ | 0.13m | -0.77m | -0.009 | -0.001 | 0 |
| 766 | 3 | 14 | 5.7500 | 7.0000 | 10.2500 | 1 | -42.4μ | 2.93μ | -1.07m | 0.005 | -0.005 | 0 | -37.9μ | 12.8μ | -0.96m | 0.006 | -0.005 | 0 |
| 768 | 3 | 15 | 4.9300 | 16.3400 | 10.2500 | 1 | 62.0μ | 73.2μ | -0.32m | -0.003 | 0.003 | 0 | 73.4μ | 74.3μ | -0.29m | -0.002 | 0.004 | 0 |
| 776 | 3 | 16 | 4.9900 | 21.5400 | 10.2500 | 1 | 55.8μ | 71.8μ | -1.21m | -0.003 | -0.001 | 0 | 61.8μ | 74.1μ | -1.14m | -0.002 | 0 | 0 |
| 778 | 3 | 17 | 8.5200 | 2.0900 | 10.2500 | 1 | -66.3μ | 51.8μ | -0.48m | -0.002 | -0.007 | 0 | -64.2μ | 54.9μ | -0.45m | -0.002 | -0.006 | 0 |
| 780 | 3 | 18 | 8.5200 | 5.2900 | 10.2500 | 1 | -11.3μ | 35.5μ | -0.63m | 0.001 | -0.001 | 0 | -4.43μ | 37.4μ | -0.58m | 0.001 | -0.001 | 0 |
| 782 | 3 | 19 | 8.5200 | 7.0000 | 10.2500 | 1 | -25.0μ | 96.0μ | -0.95m | -0.009 | -0.004 | 0 | -21.4μ | 99.0μ | -0.86m | -0.008 | -0.004 | 0 |
| 784 | 3 | 20 | 8.5200 | 11.7000 | 10.2500 | 1 | 19.3μ | 56.2μ | -1.57m | -0.002 | 0 | 0 | 27.3μ | 57.5μ | -1.41m | -0.002 | 0 | 0 |
| 786 | 3 | 21 | 8.5200 | 16.3400 | 10.2500 | 1 | 50.9μ | -32.4μ | -1.29m | 0.009 | 0.002 | 0 | 60.4μ | -21.4μ | -1.16m | 0.01 | 0.002 | 0 |
| 788 | 3 | 22 | 9.2100 | 21.5400 | 10.2500 | 1 | 79.3μ | 56.8μ | -1.26m | -0.003 | 0.003 | 0 | 92.1μ | 58.9μ | -1.16m | -0.003 | 0.004 | 0 |
| 1131 | 3 | 23 | 12.2900 | 2.0900 | 10.2500 | 1 | -21.9μ | 23.5μ | -0.38m | 0.005 | 0 | 0 | -15.8μ | 27.2μ | -0.36m | 0.005 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|---------|---|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|
| 1005 | 7 | 28 | 13.9500 | 2.0900 | 12.0500 | 1 | 0.12m | 56.8μ | -0.30m | -0.004 | 0.003 | 0.001 | 0.13m | 57.8μ | -0.28m | -0.004 | 0.003 | 0.001 |
| 1007 | 7 | 29 | 13.9500 | 5.2900 | 12.0500 | 1 | 31.3μ | 26.3μ | -0.30m | 0.003 | 0 | 0.001 | 38.2μ | 28.5μ | -0.28m | 0.003 | 0 | 0.001 |
| 1013 | 7 | 33 | 12.2900 | 3.0900 | 12.0500 | 1 | -86.3μ | 13.4μ | -0.66m | -0.006 | -0.068 | 0.001 | -75.3μ | 15.8μ | -0.63m | -0.006 | -0.068 | 0.001 |
| 994 | 7 | 35 | 12.2900 | 4.2900 | 12.0500 | 1 | -0.11m | -10.7μ | -0.69m | 0.003 | -0.067 | 0.001 | -0.11m | -6.98μ | -0.65m | 0.004 | -0.066 | 0.001 |
| 1023 | 4 | 1 | -5.1600 | 13.9500 | 13.8500 | 1 | 0.16m | 0.22m | -0.73m | -0.007 | 0.013 | 0 | 0.19m | 0.23m | -0.73m | -0.006 | 0.019 | 0 |
| 1025 | 4 | 2 | -5.1600 | 16.6500 | 13.8500 | 1 | 16.3μ | 0.18m | -0.89m | -0.001 | -0.007 | 0 | 26.2μ | 0.18m | -0.83m | 0 | -0.006 | 0 |
| 1027 | 4 | 3 | -5.1600 | 18.8800 | 13.8500 | 1 | 43.3μ | 0.12m | -0.80m | 0.006 | -0.005 | 0 | 55.0μ | 0.13m | -0.74m | 0.006 | -0.005 | 0 |
| 1029 | 4 | 4 | -5.1600 | 21.5400 | 13.8500 | 1 | 99.9μ | 0.13m | -0.22m | 0.005 | 0 | 0 | 0.11m | 0.14m | -0.22m | 0.006 | 0 | 0 |
| 1037 | 4 | 5 | 0.1800 | 0.1800 | 13.8500 | 1 | -70.1μ | 0.14m | -0.22m | -0.002 | -0.001 | 0 | -59.7μ | 0.15m | -0.21m | -0.002 | -0.001 | 0 |
| 1045 | 4 | 6 | 0.1800 | 2.7000 | 13.8500 | 1 | -0.10m | 0.19m | -0.31m | -0.009 | -0.009 | 0 | -87.5μ | 0.19m | -0.31m | -0.008 | -0.008 | 0 |
| 1053 | 4 | 7 | 0.1800 | 7.0000 | 13.8500 | 1 | 57.9μ | 0.17m | -1.46m | -0.005 | 0.009 | 0 | 95.7μ | 0.17m | -1.42m | -0.005 | 0.012 | 0 |
| 1055 | 4 | 8 | 0.1800 | 11.4800 | 13.8500 | 1 | -0.12m | 53.4μ | -1.38m | 0.011 | -0.019 | 0 | -91.9μ | 56.6μ | -1.34m | 0.011 | -0.018 | 0 |
| 1057 | 4 | 9 | 0.1800 | 13.9500 | 13.8500 | 1 | -56.5μ | 71.5μ | -1.04m | 0.009 | -0.016 | 0 | -7.40μ | 74.8μ | -1.01m | 0.009 | -0.01 | 0 |
| 1059 | 4 | 10 | 0.1800 | 16.3400 | 13.8500 | 1 | 64.7μ | 0.12m | -0.25m | 0.002 | 0.001 | 0 | 78.6μ | 0.13m | -0.23m | 0.002 | 0.001 | 0 |
| 1075 | 4 | 11 | 0.1800 | 21.5400 | 13.8500 | 1 | 0.14m | 0.15m | -0.30m | -0.003 | 0.007 | 0 | 0.16m | 0.15m | -0.30m | -0.002 | 0.007 | 0 |
| 1083 | 4 | 12 | 5.7500 | 0.1800 | 13.8500 | 1 | -61.9μ | 0.10m | -0.18m | -0.006 | 0 | 0 | -52.0μ | 0.11m | -0.17m | -0.005 | 0 | 0 |
| 1091 | 4 | 13 | 5.7500 | 2.0900 | 13.8500 | 1 | -85.3μ | 0.22m | -0.94m | -0.017 | -0.005 | 0 | -80.1μ | 0.22m | -0.86m | -0.015 | -0.005 | 0 |
| 1093 | 4 | 14 | 5.7500 | 7.0000 | 13.8500 | 1 | -32.1m | -1.00μ | -1.24m | 0.01 | -0.015 | 0 | -0.12m | 12.6μ | -1.11m | 0.011 | -0.014 | 0 |
| 1095 | 4 | 15 | 4.9300 | 16.3400 | 13.8500 | 1 | 0.11m | 0.17m | -0.39m | -0.011 | 0.007 | 0 | 0.12m | 0.17m | -0.35m | -0.01 | 0.007 | 0 |
| 1103 | 4 | 16 | 4.9900 | 21.5400 | 13.8500 | 1 | 67.5μ | 0.17m | -1.34m | -0.012 | -0.005 | 0 | 98.6μ | 0.18m | -1.27m | -0.012 | -0.002 | 0 |
| 1105 | 4 | 17 | 8.5200 | 2.0900 | 13.8500 | 1 | -0.10m | 82.6μ | -0.53m | -0.003 | -0.008 | 0 | -97.6μ | 88.4μ | -0.50m | -0.002 | -0.007 | 0 |
| 1107 | 4 | 18 | 8.5200 | 5.2900 | 13.8500 | 1 | 85.3μ | 79.2μ | -0.68m | -0.003 | -0.002 | 0 | -22.2μ | 86.3μ | -0.63m | -0.003 | -0.002 | 0 |
| 1109 | 4 | 19 | 8.5200 | 7.0000 | 13.8500 | 1 | -58.6μ | 0.16m | -1.06m | -0.016 | -0.008 | 0 | -54.2μ | 0.17m | -0.96m | -0.014 | -0.007 | 0 |
| 1111 | 4 | 20 | 8.5200 | 11.7000 | 13.8500 | 1 | 26.0μ | 88.1μ | -1.77m | -0.003 | 0 | 0 | 39.0μ | 92.1μ | -1.59m | -0.003 | 0 | 0 |
| 1113 | 4 | 21 | 8.5200 | 16.3400 | 13.8500 | 1 | 78.5μ | -64.0μ | -1.44m | 0.016 | 0.003 | 0 | 93.4μ | -43.6μ | -1.29m | 0.018 | 0.003 | 0 |
| 1115 | 4 | 22 | 9.2100 | 21.5400 | 13.8500 | 1 | 0.12m | 0.14m | -1.39m | -0.011 | 0.003 | 0 | 0.13m | 0.14m | -1.28m | -0.01 | 0.003 | 0 |
| 1139 | 4 | 23 | 12.2900 | 2.0900 | 13.8500 | 1 | -48.0μ | 34.1μ | -0.40m | 0.002 | -0.01 | 0 | -37.8μ | 41.6μ | -0.39m | 0.002 | -0.009 | 0 |
| 1118 | 4 | 24 | 12.2900 | 5.2900 | 13.8500 | 1 | -34.6μ | 0.14m | -0.49m | -0.014 | -0.001 | 0 | -22.2μ | 0.15m | -0.47m | -0.014 | -0.001 | 0 |
| 1121 | 4 | 25 | 12.2900 | 9.6900 | 13.8500 | 1 | 68.4μ | 3.06μ | -0.89m | 0.004 | 0.008 | 0 | 78.9μ | 9.63μ | -0.86m | 0.004 | 0.008 | 0 |
| 1123 | 4 | 26 | 12.2900 | 11.7700 | 13.8500 | 1 | 85.3μ | 77.5μ | -0.92m | -0.006 | 0.008 | 0 | 95.8μ | -0.89m | -0.89m | -0.006 | 0.008 | 0 |
| 1125 | 4 | 27 | 12.2900 | 16.3400 | 13.8500 | 1 | 29.6μ | -31.5μ | -0.26m | 0.012 | -0.006 | 0 | 39.7μ | -22.5μ | -0.25m | 0.012 | -0.006 | 0 |
| 1134 | 4 | 28 | 13.9500 | 2.0900 | 13.8500 | 1 | -48.0μ | 21.0μ | -0.30m | 0.003 | -0.009 | 0 | -37.8μ | 28.9μ | -0.28m | 0.004 | -0.009 | 0 |
| 1135 | 4 | 29 | 13.9500 | 5.2900 | 13.8500 | 1 | -23.5μ | 21.0μ | -0.30m | -0.001 | -0.003 | 0 | -12.6μ | 28.9μ | -0.28m | -0.001 | -0.003 | 0 |
| 1135 | 4 | 30 | 14.3000 | 16.3400 | 13.8500 | 1 | 59.4μ | 16.3μ | -0.23m | 0.001 | 0 | 0 | 73.0μ | 24.6μ | -0.22m | 0.001 | 0 | 0 |
| 1143 | 4 | 31 | 14.3000 | 21.5400 | 13.8500 | 1 | 37.8μ | 27.3μ | -0.24m | -0.001 | -0.01 | 0 | 47.1μ | 34.7μ | -0.24m | -0.001 | -0.01 | 0 |
| 1020 | 4 | 32 | 8.5200 | 3.0900 | 13.8500 | 1 | 0.12m | 71.6μ | -0.71m | -0.003 | 0.06 | 0 | 0.13m | 77.8μ | -0.67m | -0.003 | 0.061 | 0 |
| 1316 | 4 | 34 | 8.5200 | 4.2900 | 13.8500 | 1 | 71.7μ | 65.2μ | -0.71m | 0 | 0.023 | 0 | 80.1μ | 70.8μ | -0.67m | 0 | 0.024 | 0 |
| 1233 | 4 | 36 | 4.4300 | 16.3400 | 13.8500 | 1 | 89.5μ | 0.16m | -0.35m | -0.009 | 0.004 | 0 | 0.11m | 0.16m | -0.32m | -0.008 | 0.004 | 0 |
| 2117 | 9 | 10 | 0.1800 | 16.3400 | 16.2500 | 1 | 0.11m | 26.5μ | -0.25m | 0.002 | 0.001 | 0 | 0.12m | 41.3μ | -0.23m | 0.002 | 0.001 | 0 |
| 1007 | 9 | 12 | 5.7500 | 0.1800 | 16.2500 | 1 | -52.6μ | 0.33m | -0.18m | -0.006 | 0 | 0 | -39.7μ | 0.35m | -0.17m | -0.005 | 0 | 0 |
| 1008 | 9 | 13 | 5.7500 | 2.0900 | 16.2500 | 1 | -0.30m | 0.86m | -0.95m | -0.017 | -0.005 | 0 | -0.28m | 0.95m | -0.86m | -0.015 | -0.005 | 0 |
| 1164 | 9 | 14 | 5.7500 | 7.0000 | 16.2500 | 1 | -0.75m | -0.45m | -1.24m | 0.01 | -0.015 | 0 | -0.69m | -0.40m | -1.11m | 0.011 | -0.014 | 0 |
| 1711 | 9 | 15 | 4.9300 | 16.3400 | 16.2500 | 1 | 0.38m | 0.58m | -0.39m | -0.011 | 0.007 | 0 | 0.43m | 0.63m | -0.35m | -0.01 | 0.007 | 0 |
| 1662 | 9 | 16 | 4.9900 | 21.5400 | 16.2500 | 1 | -0.13m | 0.65m | -1.34m | -0.012 | -0.005 | 0 | -2.21μ | 0.69m | -1.27m | -0.012 | -0.002 | 0 |
| 1142 | 9 | 17 | 8.5200 | 2.0900 | 16.2500 | 1 | -0.43m | 0.19m | -0.53m | -0.003 | -0.008 | 0 | -0.40m | 0.19m | -0.50m | -0.002 | -0.007 | 0 |
| 1144 | 9 | 19 | 8.5200 | 7.0000 | 16.2500 | 1 | -0.41m | 0.76m | -1.06m | -0.016 | -0.008 | 0 | -0.37m | 0.83m | -0.97m | -0.014 | -0.007 | 0 |
| 1086 | 9 | 20 | 8.5200 | 11.7000 | 16.2500 | 1 | 29.0μ | 0.21m | -1.78m | -0.003 | 0 | 0 | 45.2μ | 0.22m | -1.59m | -0.003 | 0 | 0 |
| 1080 | 9 | 21 | 8.5200 | 16.3400 | 16.2500 | 1 | 0.18m | -0.83m | -1.44m | 0.016 | 0.003 | 0 | 0.21m | -0.73m | -1.30m | 0.018 | 0.003 | 0 |
| 1222 | 9 | 22 | 9.2100 | 21.5400 | 16.2500 | 1 | 0.24m | 0.57m | -1.39m | -0.011 | 0.003 | 0 | 0.25m | 0.61m | -1.28m | -0.01 | 0.003 | 0 |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10⁻³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Famiglia Cmb. 4) Quasi Perm.

| Nodo | | | | | | Min. | | | | | | Max. | | | | | | |
|----------|-------|------|---------|---------|--------|----------|--------|--------|--------|-----------|-----------|-----------|--------|--------|--------|-----------|-----------|-----------|
| Nodo FEM | Piano | Filo | x[m] | y[m] | z[m] | Fam.Cmb. | sx [m] | sy [m] | sz [m] | rot x [°] | rot y [°] | rot z [°] | sx [m] | sy [m] | sz [m] | rot x [°] | rot y [°] | rot z [°] |
| 1935 | 0 | 1 | -5.1600 | 13.9500 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1938 | 0 | 2 | -5.1600 | 16.6500 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1939 | 0 | 3 | -5.1600 | 18.8800 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 4 | -5.1600 | 21.5400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 662 | 0 | 5 | 0.1800 | 0.1800 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 654 | 0 | 6 | 0.1800 | 2.7000 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 478 | 0 | 7 | 0.1800 | 7.0000 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 480 | 0 | 8 | 0.1800 | 11.4800 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1936 | 0 | 9 | 0.1800 | 13.9500 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | 0 | 10 | 0.1800 | 16.3400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80 | 0 | 11 | 0.1800 | 21.5400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 588 | 0 | 12 | 5.7500 | 0.1800 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1091 | 0 | 13 | 5.7500 | 2.0900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 363 | 0 | 14 | 5.7500 | 7.0000 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 297 | 0 | 15 | 4.9300 | 16.3400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1657 | 0 | 16 | 4.9900 | 21.5400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1096 | 0 | 17 | 8.5200 | 2.0900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1095 | 0 | 18 | 8.5200 | 5.2900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1082 | 0 | 19 | 8.5200 | 7.0000 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1083 | 0 | 20 | 8.5200 | 11.7000 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1078 | 0 | 21 | 8.5200 | 16.3400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1655 | 0 | 22 | 9.2100 | 21.5400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1102 | 0 | 23 | 12.2900 | 2.0900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 24 | 12.2900 | 5.2900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1112 | 0 | 25 | 12.2900 | 9.6900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1115 | 0 | 26 | 12.2900 | 11.7700 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|--------|---|--------|---------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|
| 1463 | 0 | 27 | 12.2900 | 16.3400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1104 | 0 | 28 | 13.9500 | 2.0900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1106 | 0 | 29 | 13.9500 | 5.2900 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1476 | 0 | 30 | 14.3000 | 16.3400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1535 | 0 | 31 | 14.3000 | 21.5400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 490 | 0 | 36 | 4.4300 | 16.3400 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 384 | 0 | 37 | 4.4300 | 7.0000 | 0.0000 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | -5.1600 | 13.9500 | 3.0500 | 4 | 37.5μ | 24.4μ | -0.18m | -0.003 | 0.005 | 0 | 37.5μ | 24.4μ | -0.18m | -0.003 | 0.005 | 0 |
| 3 | 1 | 2 | -5.1600 | 16.6500 | 3.0500 | 4 | -13.6μ | -3.29μ | -0.21m | 0.001 | -0.003 | 0 | -13.6μ | -3.29μ | -0.21m | 0.001 | -0.003 | 0 |
| 6 | 1 | 3 | -5.1600 | 18.8800 | 3.0500 | 4 | -13.8μ | 1.10μ | -0.19m | 0 | -0.003 | 0 | -13.8μ | 1.10μ | -0.19m | 0 | -0.003 | 0 |
| 9 | 1 | 4 | -5.1600 | 21.5400 | 3.0500 | 4 | -2.26μ | -8.19μ | -58.2μ | 0.002 | -0.001 | 0 | -2.26μ | -8.19μ | -58.2μ | 0.002 | -0.001 | 0 |
| 17 | 1 | 5 | 0.1800 | 0.1800 | 3.0500 | 4 | 5.91μ | 3.53μ | -53.2μ | 0 | 0 | 0 | 5.91μ | 3.53μ | -53.2μ | 0 | 0 | 0 |
| 25 | 1 | 6 | 0.1800 | 2.7000 | 3.0500 | 4 | 8.60μ | 14.1μ | -74.6μ | -0.002 | 0 | 0 | 8.60μ | 14.1μ | -74.6μ | -0.002 | 0 | 0 |
| 33 | 1 | 7 | 0.1800 | 7.0000 | 3.0500 | 4 | 4.77μ | 3.94μ | -0.25m | 0 | 0 | 0 | 4.77μ | 3.94μ | -0.25m | 0 | 0 | 0 |
| 36 | 1 | 8 | 0.1800 | 11.4800 | 3.0500 | 4 | 29.0μ | -11.7μ | -0.28m | 0.002 | 0.003 | 0 | 29.0μ | -11.7μ | -0.28m | 0.002 | 0.003 | 0 |
| 39 | 1 | 9 | 0.1800 | 13.9500 | 3.0500 | 4 | -15.5μ | -1.50μ | -0.23m | 0.001 | -0.004 | 0 | -15.5μ | -1.50μ | -0.23m | 0.001 | -0.004 | 0 |
| 42 | 1 | 10 | 0.1800 | 16.3400 | 3.0500 | 4 | 3.52μ | -0.99μ | -57.6μ | 0.001 | 0 | 0 | 3.52μ | -0.99μ | -57.6μ | 0.001 | 0 | 0 |
| 58 | 1 | 11 | 0.1800 | 21.5400 | 3.0500 | 4 | 15.1μ | 9.10μ | -69.3μ | -0.001 | 0.002 | 0 | 15.1μ | 9.10μ | -69.3μ | -0.001 | 0.002 | 0 |
| 66 | 1 | 12 | 5.7500 | 0.1800 | 3.0500 | 4 | 9.66μ | 7.11μ | -49.2μ | -0.001 | 0.001 | 0 | 9.66μ | 7.11μ | -49.2μ | -0.001 | 0.001 | 0 |
| 74 | 1 | 13 | 5.7500 | 2.0900 | 3.0500 | 4 | 12.8μ | 36.2μ | -0.17m | -0.004 | 0.001 | 0 | 12.8μ | 36.2μ | -0.17m | -0.004 | 0.001 | 0 |
| 77 | 1 | 14 | 5.7500 | 7.0000 | 3.0500 | 4 | 45.1μ | -42.4μ | -0.14m | 0.006 | 0.005 | 0 | 45.1μ | -42.4μ | -0.14m | 0.006 | 0.005 | 0 |
| 85 | 1 | 15 | 4.9300 | 16.3400 | 3.0500 | 4 | 12.4μ | 11.4μ | -62.6μ | -0.001 | 0.001 | 0 | 12.4μ | 11.4μ | -62.6μ | -0.001 | 0.001 | 0 |
| 93 | 1 | 16 | 4.9900 | 21.5400 | 3.0500 | 4 | -9.70μ | 17.0μ | -0.31m | -0.002 | -0.002 | 0 | -9.70μ | 17.0μ | -0.31m | -0.002 | -0.002 | 0 |
| 96 | 1 | 17 | 8.5200 | 2.0900 | 3.0500 | 4 | -7.79μ | 18.7μ | -0.12m | -0.002 | -0.002 | 0 | -7.79μ | 18.7μ | -0.12m | -0.002 | -0.002 | 0 |
| 99 | 1 | 18 | 8.5200 | 5.2900 | 3.0500 | 4 | 4.09μ | -7.48μ | -0.17m | 0.003 | -0.001 | 0 | 4.09μ | -7.48μ | -0.17m | 0.003 | -0.001 | 0 |
| 102 | 1 | 19 | 8.5200 | 7.0000 | 3.0500 | 4 | 6.75μ | 41.6μ | -0.23m | -0.006 | 0 | 0 | 6.75μ | 41.6μ | -0.23m | -0.006 | 0 | 0 |
| 105 | 1 | 20 | 8.5200 | 11.7000 | 3.0500 | 4 | 6.62μ | 11.2μ | -0.35m | -0.001 | 0 | 0 | 6.62μ | 11.2μ | -0.35m | -0.001 | 0 | 0 |
| 108 | 1 | 21 | 8.5200 | 16.3400 | 3.0500 | 4 | 13.9μ | -49.2μ | -0.30m | 0.008 | 0.001 | 0 | 13.9μ | -49.2μ | -0.30m | 0.008 | 0.001 | 0 |
| 111 | 1 | 22 | 9.2100 | 21.5400 | 3.0500 | 4 | 24.2μ | 18.2μ | -0.33m | -0.002 | 0.003 | 0 | 24.2μ | 18.2μ | -0.33m | -0.002 | 0.003 | 0 |
| 1103 | 1 | 23 | 12.2900 | 2.0900 | 3.0500 | 4 | 7.56μ | 5.19μ | -0.11m | 0.002 | 0.004 | 0 | 7.56μ | 5.19μ | -0.11m | 0.002 | 0.004 | 0 |
| 116 | 1 | 24 | 12.2900 | 5.2900 | 3.0500 | 4 | 26.8μ | 46.0μ | -0.14m | -0.006 | 0.003 | 0 | 26.8μ | 46.0μ | -0.14m | -0.006 | 0.003 | 0 |
| 120 | 1 | 25 | 12.2900 | 9.6900 | 3.0500 | 4 | 15.8μ | -14.1μ | -0.22m | 0.003 | 0.001 | 0 | 15.8μ | -14.1μ | -0.22m | 0.003 | 0.001 | 0 |
| 123 | 1 | 26 | 12.2900 | 11.7700 | 3.0500 | 4 | 16.0μ | 29.4μ | -0.23m | -0.004 | 0.001 | 0 | 16.0μ | 29.4μ | -0.23m | -0.004 | 0.001 | 0 |
| 126 | 1 | 27 | 12.2900 | 16.3400 | 3.0500 | 4 | -3.27μ | -14.8μ | -71.1μ | 0.004 | -0.001 | 0 | -3.27μ | -14.8μ | -71.1μ | 0.004 | -0.001 | 0 |
| 1105 | 1 | 28 | 13.9500 | 2.0900 | 3.0500 | 4 | 7.56μ | 5.48μ | -81.0μ | 0 | 0.005 | 0 | 7.56μ | 5.48μ | -81.0μ | 0 | 0.005 | 0 |
| 1107 | 1 | 29 | 13.9500 | 5.2900 | 3.0500 | 4 | 6.99μ | 5.48μ | -82.0μ | -0.002 | 0.002 | 0 | 6.99μ | 5.48μ | -82.0μ | -0.002 | 0.002 | 0 |
| 138 | 1 | 30 | 14.3000 | 16.3400 | 3.0500 | 4 | 5.15μ | 3.88μ | -58.8μ | 0 | 0 | 0 | 5.15μ | 3.88μ | -58.8μ | 0 | 0 | 0 |
| 146 | 1 | 31 | 14.3000 | 21.5400 | 3.0500 | 4 | -22.2μ | 11.5μ | -71.9μ | -0.001 | -0.004 | 0 | -22.2μ | 11.5μ | -71.9μ | -0.001 | -0.004 | 0 |
| 312 | 1 | 32 | 8.5200 | 3.0900 | 3.0500 | 4 | 90.6μ | 30.3μ | -0.24m | -0.006 | 0.019 | 0 | 90.6μ | 30.3μ | -0.24m | -0.006 | 0.019 | 0 |
| 306 | 1 | 34 | 8.5200 | 4.2900 | 3.0500 | 4 | 0.15m | -1.72μ | -0.35m | 0.002 | 0.05 | 0 | 0.15m | -1.72μ | -0.35m | 0.002 | 0.05 | 0 |
| 236 | 1 | 36 | 4.4300 | 16.3400 | 3.0500 | 4 | 7.70μ | 10.5μ | -57.3μ | -0.001 | 0.001 | 0 | 7.70μ | 10.5μ | -57.3μ | -0.001 | 0.001 | 0 |
| 293 | 1 | 37 | 4.4300 | 7.0000 | 3.0500 | 4 | 19.2μ | -0.34μ | -25.2μ | 0.001 | 0.002 | 0 | 19.2μ | -0.34μ | -25.2μ | 0.001 | 0.002 | 0 |
| 346 | 5 | 23 | 12.2900 | 2.0900 | 4.8500 | 4 | 0.12m | 15.1μ | -0.16m | -0.004 | 0.001 | 0.001 | 0.12m | 15.1μ | -0.16m | -0.004 | 0.001 | 0.001 |
| 348 | 5 | 24 | 12.2900 | 5.2900 | 4.8500 | 4 | 42.7μ | -25.0μ | -0.19m | 0.005 | -0.001 | 0.001 | 42.7μ | -25.0μ | -0.19m | 0.005 | -0.001 | 0.001 |
| 351 | 5 | 28 | 13.9500 | 2.0900 | 4.8500 | 4 | 0.12m | 41.9μ | -0.11m | -0.002 | 0 | 0.001 | 0.12m | 41.9μ | -0.11m | -0.002 | 0 | 0.001 |
| 353 | 5 | 29 | 13.9500 | 5.2900 | 4.8500 | 4 | 48.4μ | 24.6μ | -0.11m | 0.002 | 0 | 0.001 | 48.4μ | 24.6μ | -0.11m | 0.002 | 0 | 0.001 |
| 359 | 5 | 33 | 12.2900 | 3.0900 | 4.8500 | 4 | -30.4μ | 5.51μ | -0.33m | -0.003 | -0.051 | 0.001 | -30.4μ | 5.51μ | -0.33m | -0.003 | -0.051 | 0.001 |
| 307 | 5 | 35 | 12.2900 | 4.2900 | 4.8500 | 4 | -44.6μ | -8.38μ | -0.32m | 0.002 | -0.047 | 0.001 | -44.6μ | -8.38μ | -0.32m | 0.002 | -0.047 | 0.001 |
| 369 | 2 | 1 | -5.1600 | 13.9500 | 6.6500 | 4 | 40.1μ | 41.1μ | -0.33m | -0.003 | 0.005 | 0 | 40.1μ | 41.1μ | -0.33m | -0.003 | 0.005 | 0 |
| 371 | 2 | 2 | -5.1600 | 16.6500 | 6.6500 | 4 | -5.17μ | 19.8μ | -0.39m | 0 | -0.002 | 0 | -5.17μ | 19.8μ | -0.39m | 0 | -0.002 | 0 |
| 373 | 2 | 3 | -5.1600 | 18.8800 | 6.6500 | 4 | -2.22μ | 9.05μ | -0.36m | 0.002 | -0.002 | 0 | -2.22μ | 9.05μ | -0.36m | 0.002 | -0.002 | 0 |
| 375 | 2 | 4 | -5.1600 | 21.5400 | 6.6500 | 4 | 7.58μ | 10.7μ | -0.11m | 0.002 | 0 | 0 | 7.58μ | 10.7μ | -0.11m | 0.002 | 0 | 0 |
| 383 | 2 | 5 | 0.1800 | 0.1800 | 6.6500 | 4 | -1.61μ | 22.0μ | -0.10m | -0.001 | 0 | 0 | -1.61μ | 22.0μ | -0.10m | -0.001 | 0 | 0 |
| 391 | 2 | 6 | 0.1800 | 2.7000 | 6.6500 | 4 | -12.8μ | 35.0μ | -0.13m | -0.002 | -0.002 | 0 | -12.8μ | 35.0μ | -0.13m | -0.002 | -0.002 | 0 |
| 399 | 2 | 7 | 0.1800 | 7.0000 | 6.6500 | 4 | 35.3μ | 9.92μ | -0.57m | 0.001 | 0.004 | 0 | 35.3μ | 9.92μ | -0.57m | 0.001 | 0.004 | 0 |
| 401 | 2 | 8 | 0.1800 | 11.4800 | 6.6500 | 4 | -33.2μ | -3.76μ | -0.54m | 0.003 | -0.006 | 0 | -33.2μ | -3.76μ | -0.54m | 0.003 | -0.006 | 0 |
| 403 | 2 | 9 | 0.1800 | 13.9500 | 6.6500 | 4 | -23.0μ | 2.05μ | -0.43m | 0.003 | -0.005 | 0 | -23.0μ | 2.05μ | -0.43m | 0.003 | -0.005 | 0 |
| 405 | 2 | 10 | 0.1800 | 16.3400 | 6.6500 | 4 | 8.64μ | 16.3μ | -0.11m | 0.001 | 0 | 0 | 8.64μ | 16.3μ | -0.11m | 0.001 | 0 | 0 |
| 421 | 2 | 11 | 0.1800 | 21.5400 | 6.6500 | 4 | 20.9μ | 25.6μ | -0.13m | -0.001 | 0.002 | 0 | 20.9μ | 25.6μ | -0.13m | -0.001 | 0.002 | 0 |
| 429 | 2 | 12 | 5.7500 | 0.1800 | 6.6500 | 4 | 1.53μ | 24.9μ | -88.4μ | -0.002 | 0 | 0 | 1.53μ | 24.9μ | -88.4μ | -0.002 | 0 | 0 |
| 437 | 2 | 13 | 5.7500 | 2.0900 | 6.6500 | 4 | -0.84μ | 58.4μ | -0.38m | -0.006 | 0 | 0 | -0.84μ | 58.4μ | -0.38m | -0.006 | 0 | 0 |
| 439 | 2 | 14 | 5.7500 | 7.0000 | 6.6500 | 4 | -53.3μ | -14.2μ | -0.42m | 0.004 | -0.007 | 0 | -53.3μ | -14.2μ | -0.42m | 0.004 | -0.007 | 0 |
| 441 | 2 | 15 | 4.9300 | 16.3400 | 6.6500 | 4 | 18.7μ | 31.1μ | -0.14m | -0.002 | 0.002 | 0 | 18.7μ | 31.1μ | -0.14m | -0.002 | 0.002 | 0 |
| 449 | 2 | 16 | 4.9900 | 21.5400 | 6.6500 | 4 | -0.27μ | 44.4μ | -0.57m | -0.004 | -0.001 | 0 | -0.27μ | 44.4μ | -0.57m | -0.004 | -0.001 | 0 |
| 451 | 2 | 17 | 8.5200 | 2.0900 | 6.6500 | 4 | -22.6μ | 25.2μ | -0.24m | -0.001 | -0.003 | 0 | -22.6μ | 25.2μ | -0.24m | -0.001 | -0.003 | 0 |
| 453 | 2 | 18 | 8.5200 | 5.2900 | 6.6500 | 4 | -0.57μ | 8.76μ | -0.31m | 0.002 | -0.001 | 0 | -0.57μ | 8.76μ | -0.31m | 0.002 | -0.001 | 0 |
| 455 | 2 | 19 | 8.5200 | 7.0000 | 6.6500 | 4 | -19.6μ | 47.8μ | -0.43m | -0.005 | -0.004 | 0 | -19.6μ | 47.8μ | -0.43m | -0.005 | -0.004 | 0 |
| 457 | 2 | 20 | 8.5200 | 11.7000 | 6.6500 | 4 | 5.36μ | 23.0μ | -0.68m | -0.001 | 0 | 0 | 5.36μ | 23.0μ | -0.68m | -0.001 | 0 | 0 |
| 459 | 2 | 21 | 8.5200 | 16.3400 | 6.6500 | 4 | 10.4μ | -24.5μ | -0.57m | 0.006 | 0 | 0 | 10.4μ | -24.5μ | -0.57m | 0.006 | 0 | 0 |
| 461 | 2 | 22 | 9.2100 | 21.5400 | 6.6500 | 4 | 27.3μ | 43.6μ | -0.60m | -0.004 | 0.003 | 0 | 27.3μ | 43.6μ | -0.60m | -0.004 | 0.003 | 0 |
| 1094 | 2 | 23 | 12.2900 | 2.0900 | 6.6500 | 4 | 1.51μ | 14.2μ | -0.21m | 0.003 | 0 | 0 | 1.51μ | 14.2μ | -0.21m | 0.003 | 0 | 0 |
| 464 | 2 | 24 | 12.2900 | 5.2900 | 6.6500 | 4 | 5.58μ | 57.2μ</ | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|----------|---------|---|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|
| 673 | 6 | 23 | 12.2900 | 2.0900 | 8.4500 | 4 | 96.2μ | 25.2μ | -0.24m | -0.004 | 0.001 | 0.001 | 96.2μ | 25.2μ | -0.24m | -0.004 | 0.001 | 0.001 |
| 675 | 6 | 24 | 12.2900 | 5.2900 | 8.4500 | 4 | 26.0μ | -17.3μ | -0.27m | -0.005 | -0.001 | 0.001 | 26.0μ | -17.3μ | -0.27m | -0.005 | -0.001 | 0.001 |
| 678 | 6 | 28 | 13.9500 | 2.0900 | 8.4500 | 4 | 94.8μ | 48.1μ | -0.17m | -0.002 | 0.001 | 0.001 | 94.8μ | 48.1μ | -0.17m | -0.002 | 0.001 | 0.001 |
| 680 | 6 | 29 | 13.9500 | 5.2900 | 8.4500 | 4 | 29.0μ | 29.8μ | -0.17m | 0.002 | 0 | 0.001 | 29.0μ | 29.8μ | -0.17m | 0.002 | 0 | 0.001 |
| 686 | 6 | 33 | 12.2900 | 3.0900 | 8.4500 | 4 | -50.6μ | 14.5μ | -0.41m | -0.003 | -0.049 | 0.001 | -50.6μ | 14.5μ | -0.41m | -0.003 | -0.049 | 0.001 |
| 667 | 6 | 35 | 12.2900 | 4.2900 | 8.4500 | 4 | -65.6μ | -31.7μ | -0.40m | 0.003 | -0.046 | 0.001 | -65.6μ | -31.7μ | -0.40m | 0.003 | -0.046 | 0.001 |
| 696 | 3 | 1 | -5.1600 | 13.9500 | 10.2500 | 4 | 49.6μ | 77.2μ | -0.43m | -0.003 | 0.005 | 0 | 49.6μ | 77.2μ | -0.43m | -0.003 | 0.005 | 0 |
| 698 | 3 | 2 | -5.1600 | 16.6500 | 10.2500 | 4 | 14.9μ | 54.0μ | -0.51m | 0 | -0.001 | 0 | 14.9μ | 54.0μ | -0.51m | 0 | -0.001 | 0 |
| 700 | 3 | 3 | -5.1600 | 18.8800 | 10.2500 | 4 | 19.2μ | 37.9μ | -0.46m | 0.002 | -0.001 | 0 | 19.2μ | 37.9μ | -0.46m | 0.002 | -0.001 | 0 |
| 702 | 3 | 4 | -5.1600 | 21.5400 | 10.2500 | 4 | 29.1μ | 45.1μ | -0.14m | 0.002 | 0 | 0 | 29.1μ | 45.1μ | -0.14m | 0.002 | 0 | 0 |
| 710 | 3 | 5 | 0.1800 | 0.1800 | 10.2500 | 4 | -12.5μ | 48.5μ | -0.13m | -0.001 | 0 | 0 | -12.5μ | 48.5μ | -0.13m | -0.001 | 0 | 0 |
| 718 | 3 | 6 | 0.1800 | 2.7000 | 10.2500 | 4 | -13.3μ | 59.1μ | -0.17m | -0.002 | -0.001 | 0 | -13.3μ | 59.1μ | -0.17m | -0.002 | -0.001 | 0 |
| 726 | 3 | 7 | 0.1800 | 7.0000 | 10.2500 | 4 | 16.8μ | 56.6μ | -0.76m | -0.002 | 0.002 | 0 | 16.8μ | 56.6μ | -0.76m | -0.002 | 0.002 | 0 |
| 728 | 3 | 8 | 0.1800 | 11.4800 | 10.2500 | 4 | 11.4μ | 17.8μ | -0.72m | 0.004 | 0 | 0 | 11.4μ | 17.8μ | -0.72m | 0.004 | 0 | 0 |
| 730 | 3 | 9 | 0.1800 | 13.9500 | 10.2500 | 4 | -12.6μ | 25.7μ | -0.56m | 0.003 | -0.005 | 0 | -12.6μ | 25.7μ | -0.56m | 0.003 | -0.005 | 0 |
| 732 | 3 | 10 | 0.1800 | 16.3400 | 10.2500 | 4 | 21.4μ | 42.4μ | -0.14m | 0.001 | 0 | 0 | 21.4μ | 42.4μ | -0.14m | 0.001 | 0 | 0 |
| 748 | 3 | 11 | 0.1800 | 21.5400 | 10.2500 | 4 | 40.3μ | 50.7μ | -0.17m | -0.001 | 0.002 | 0 | 40.3μ | 50.7μ | -0.17m | -0.001 | 0.002 | 0 |
| 756 | 3 | 12 | 5.7500 | 0.1800 | 10.2500 | 4 | -10.3μ | 45.1μ | -0.12m | -0.003 | 0 | 0 | -10.3μ | 45.1μ | -0.12m | -0.003 | 0 | 0 |
| 764 | 3 | 13 | 5.7500 | 2.0900 | 10.2500 | 4 | -11.2μ | 76.2μ | -0.51m | -0.005 | -0.001 | 0 | -11.2μ | 76.2μ | -0.51m | -0.005 | -0.001 | 0 |
| 766 | 3 | 14 | 5.7500 | 7.0000 | 10.2500 | 4 | -21.6μ | 9.66μ | -0.61m | 0.003 | -0.003 | 0 | -21.6μ | 9.66μ | -0.61m | 0.003 | -0.003 | 0 |
| 768 | 3 | 15 | 4.9300 | 16.3400 | 10.2500 | 4 | 35.1μ | 46.1μ | -0.19m | -0.001 | 0.002 | 0 | 35.1μ | 46.1μ | -0.19m | -0.001 | 0.002 | 0 |
| 776 | 3 | 16 | 4.9900 | 21.5400 | 10.2500 | 4 | 25.2μ | 49.5μ | -0.74m | -0.002 | -0.001 | 0 | 25.2μ | 49.5μ | -0.74m | -0.002 | -0.001 | 0 |
| 778 | 3 | 17 | 8.5200 | 2.0900 | 10.2500 | 4 | -36.0μ | 37.0μ | -0.32m | -0.001 | -0.004 | 0 | -36.0μ | 37.0μ | -0.32m | -0.001 | -0.004 | 0 |
| 780 | 3 | 18 | 8.5200 | 5.2900 | 10.2500 | 4 | -2.73μ | 24.5μ | -0.40m | 0.001 | 0 | 0 | -2.73μ | 24.5μ | -0.40m | 0.001 | 0 | 0 |
| 782 | 3 | 19 | 8.5200 | 7.0000 | 10.2500 | 4 | -11.7μ | 63.1μ | -0.56m | -0.005 | -0.002 | 0 | -11.7μ | 63.1μ | -0.56m | -0.005 | -0.002 | 0 |
| 784 | 3 | 20 | 8.5200 | 11.7000 | 10.2500 | 4 | 11.9μ | 38.5μ | -0.91m | -0.001 | 0 | 0 | 11.9μ | 38.5μ | -0.91m | -0.001 | 0 | 0 |
| 786 | 3 | 21 | 8.5200 | 16.3400 | 10.2500 | 4 | 28.6μ | -11.5μ | -0.75m | 0.006 | 0.001 | 0 | 28.6μ | -11.5μ | -0.75m | 0.006 | 0.001 | 0 |
| 788 | 3 | 22 | 9.2100 | 21.5400 | 10.2500 | 4 | 44.6μ | 39.5μ | -0.79m | -0.002 | 0.002 | 0 | 44.6μ | 39.5μ | -0.79m | -0.002 | 0.002 | 0 |
| 1131 | 3 | 23 | 12.2900 | 2.0900 | 10.2500 | 4 | -7.02μ | 22.4μ | -0.26m | 0.003 | 0 | 0 | -7.02μ | 22.4μ | -0.26m | 0.003 | 0 | 0 |
| 791 | 3 | 24 | 12.2900 | 5.2900 | 10.2500 | 4 | 3.86μ | 67.4μ | -0.30m | -0.006 | 0.001 | 0 | 3.86μ | 67.4μ | -0.30m | -0.006 | 0.001 | 0 |
| 794 | 3 | 25 | 12.2900 | 9.6900 | 10.2500 | 4 | 16.7μ | 1.17μ | -0.53m | 0.003 | 0.001 | 0 | 16.7μ | 1.17μ | -0.53m | 0.003 | 0.001 | 0 |
| 796 | 3 | 26 | 12.2900 | 11.7700 | 10.2500 | 4 | 22.1μ | 52.0μ | -0.55m | -0.004 | 0.002 | 0 | 22.1μ | 52.0μ | -0.55m | -0.004 | 0.002 | 0 |
| 798 | 3 | 27 | 12.2900 | 16.3400 | 10.2500 | 4 | 14.0μ | 1.78μ | -0.15m | 0.004 | -0.001 | 0 | 14.0μ | 1.78μ | -0.15m | 0.004 | -0.001 | 0 |
| 1133 | 3 | 28 | 13.9500 | 2.0900 | 10.2500 | 4 | -7.02μ | 19.3μ | -0.18m | 0.001 | 0 | 0 | -7.02μ | 19.3μ | -0.18m | 0.001 | 0 | 0 |
| 1132 | 3 | 29 | 13.9500 | 5.2900 | 10.2500 | 4 | -1.04μ | 19.3μ | -0.19m | -0.002 | 0.001 | 0 | -1.04μ | 19.3μ | -0.19m | -0.002 | 0.001 | 0 |
| 808 | 3 | 30 | 14.3000 | 16.3400 | 10.2500 | 4 | 19.8μ | 18.2μ | -0.14m | 0 | 0 | 0 | 19.8μ | 18.2μ | -0.14m | 0 | 0 | 0 |
| 816 | 3 | 31 | 14.3000 | 21.5400 | 10.2500 | 4 | 0.76μ | 22.5μ | -0.16m | -0.001 | -0.004 | 0 | 0.76μ | 22.5μ | -0.16m | -0.001 | -0.004 | 0 |
| 693 | 3 | 32 | 8.5200 | 3.0900 | 10.2500 | 4 | 0.11m | 37.3μ | -0.44m | -0.003 | 0.043 | 0 | 0.11m | 37.3μ | -0.44m | -0.003 | 0.043 | 0 |
| 989 | 3 | 34 | 8.5200 | 4.2900 | 10.2500 | 4 | 0.14m | 27.8μ | -0.53m | 0.001 | 0.054 | 0 | 0.14m | 27.8μ | -0.53m | 0.001 | 0.054 | 0 |
| 906 | 3 | 36 | 4.4300 | 16.3400 | 10.2500 | 4 | 31.3μ | 45.7μ | -0.19m | -0.001 | 0.002 | 0 | 31.3μ | 45.7μ | -0.19m | -0.001 | 0.002 | 0 |
| 1000 | 7 | 23 | 12.2900 | 2.0900 | 12.0500 | 4 | 0.10m | 30.7μ | -0.27m | -0.004 | 0.003 | 0.001 | 0.10m | 30.7μ | -0.27m | -0.004 | 0.003 | 0.001 |
| 1002 | 7 | 24 | 12.2900 | 5.2900 | 12.0500 | 4 | 35.3μ | -13.4μ | -0.31m | 0.005 | 0 | 0.001 | 35.3μ | -13.4μ | -0.31m | 0.005 | 0 | 0.001 |
| 1005 | 7 | 28 | 13.9500 | 2.0900 | 12.0500 | 4 | 0.10m | 53.5μ | -0.19m | -0.003 | 0.002 | 0.001 | 0.10m | 53.5μ | -0.19m | -0.003 | 0.002 | 0.001 |
| 1007 | 7 | 29 | 13.9500 | 5.2900 | 12.0500 | 4 | 37.4μ | 35.2μ | -0.20m | 0.002 | 0 | 0.001 | 37.4μ | 35.2μ | -0.20m | 0.002 | 0 | 0.001 |
| 1013 | 7 | 33 | 12.2900 | 3.0900 | 12.0500 | 4 | -55.0μ | 22.4μ | -0.45m | -0.004 | -0.052 | 0.001 | -55.0μ | 22.4μ | -0.45m | -0.004 | -0.052 | 0.001 |
| 994 | 7 | 35 | 12.2900 | 4.2900 | 12.0500 | 4 | -73.6μ | 6.98μ | -0.46m | 0.002 | -0.051 | 0.001 | -73.6μ | 6.98μ | -0.46m | 0.002 | -0.051 | 0.001 |
| 1023 | 4 | 1 | -5.1600 | 13.9500 | 13.8500 | 4 | 66.4μ | 0.13m | -0.47m | -0.004 | 0.005 | 0 | 66.4μ | 0.13m | -0.47m | -0.004 | 0.005 | 0 |
| 1025 | 4 | 2 | -5.1600 | 16.6500 | 13.8500 | 4 | 0.13μ | 97.2μ | -0.56m | 0 | -0.004 | 0 | 0.13μ | 97.2μ | -0.56m | 0 | -0.004 | 0 |
| 1027 | 4 | 3 | -5.1600 | 18.8800 | 13.8500 | 4 | 15.3μ | 66.8μ | -0.50m | 0.004 | -0.003 | 0 | 15.3μ | 66.8μ | -0.50m | 0.004 | -0.003 | 0 |
| 1029 | 4 | 4 | -5.1600 | 21.5400 | 13.8500 | 4 | 49.3μ | 68.9μ | -0.15m | 0.004 | 0 | 0 | 49.3μ | 68.9μ | -0.15m | 0.004 | 0 | 0 |
| 1037 | 4 | 5 | 0.1800 | 0.1800 | 13.8500 | 4 | -28.3μ | 82.5μ | -0.14m | -0.001 | -0.001 | 0 | -28.3μ | 82.5μ | -0.14m | -0.001 | -0.001 | 0 |
| 1045 | 4 | 6 | 0.1800 | 2.7000 | 13.8500 | 4 | -44.6μ | 0.11m | -0.19m | -0.005 | -0.004 | 0 | -44.6μ | 0.11m | -0.19m | -0.005 | -0.004 | 0 |
| 1053 | 4 | 7 | 0.1800 | 7.0000 | 13.8500 | 4 | 53.5μ | 96.8μ | -0.85m | -0.003 | 0.007 | 0 | 53.5μ | 96.8μ | -0.85m | -0.003 | 0.007 | 0 |
| 1055 | 4 | 8 | 0.1800 | 11.4800 | 13.8500 | 4 | -47.5μ | 36.7μ | -0.80m | 0.006 | -0.009 | 0 | -47.5μ | 36.7μ | -0.80m | 0.006 | -0.009 | 0 |
| 1057 | 4 | 9 | 0.1800 | 13.9500 | 13.8500 | 4 | -1.04μ | 45.1μ | -0.61m | 0.005 | -0.004 | 0 | -1.04μ | 45.1μ | -0.61m | 0.005 | -0.004 | 0 |
| 1059 | 4 | 10 | 0.1800 | 16.3400 | 13.8500 | 4 | 34.6μ | 71.4μ | -0.16m | 0.001 | 0.001 | 0 | 34.6μ | 71.4μ | -0.16m | 0.001 | 0.001 | 0 |
| 1075 | 4 | 11 | 0.1800 | 21.5400 | 13.8500 | 4 | 74.4μ | 85.4μ | -0.19m | -0.001 | 0.004 | 0 | 74.4μ | 85.4μ | -0.19m | -0.001 | 0.004 | 0 |
| 1083 | 4 | 12 | 5.7500 | 0.1800 | 13.8500 | 4 | -24.2μ | 66.2μ | -0.13m | -0.003 | 0 | 0 | -24.2μ | 66.2μ | -0.13m | -0.003 | 0 | 0 |
| 1091 | 4 | 13 | 5.7500 | 2.0900 | 13.8500 | 4 | -40.7μ | 0.14m | -0.57m | -0.01 | -0.003 | 0 | -40.7μ | 0.14m | -0.57m | -0.01 | -0.003 | 0 |
| 1093 | 4 | 14 | 5.7500 | 7.0000 | 13.8500 | 4 | -69.5μ | 3.65μ | -0.71m | 0.007 | -0.009 | 0 | -69.5μ | 3.65μ | -0.71m | 0.007 | -0.009 | 0 |
| 1095 | 4 | 15 | 4.9300 | 16.3400 | 13.8500 | 4 | 60.2μ | 0.10m | -0.23m | -0.006 | 0.004 | 0 | 60.2μ | 0.10m | -0.23m | -0.006 | 0.004 | 0 |
| 1103 | 4 | 16 | 4.9900 | 21.5400 | 13.8500 | 4 | 49.5μ | 0.10m | -0.82m | -0.006 | 0 | 0 | 49.5μ | 0.10m | -0.82m | -0.006 | 0 | 0 |
| 1105 | 4 | 17 | 8.5200 | 2.0900 | 13.8500 | 4 | -50.3μ | 58.7μ | -0.35m | -0.002 | -0.004 | 0 | -50.3μ | 58.7μ | -0.35m | -0.002 | -0.004 | 0 |
| 1107 | 4 | 18 | 8.5200 | 5.2900 | 13.8500 | 4 | -11.8μ | 55.0μ | -0.43m | -0.002 | -0.001 | 0 | -11.8μ | 55.0μ | -0.43m | -0.002 | -0.001 | 0 |
| 1109 | 4 | 19 | 8.5200 | 7.0000 | 13.8500 | 4 | -29.1μ | 0.10m | -0.63m | -0.009 | -0.004 | 0 | -29.1μ | 0.10m | -0.63m | -0.009 | -0.004 | 0 |
| 1111 | 4 | 20 | 8.5200 | 11.7000 | 13.8500 | 4 | 16.3μ | 60.3μ | -1.02m | -0.002 | 0 | 0 | 16.3μ | 60.3μ | -1.02m | -0.002 | 0 | 0 |
| 1113 | 4 | 21 | 8.5200 | 16.3400 | 13.8500 | 4 | 43.9μ | -25.8μ | -0.83m | 0.01 | 0.002 | 0 | 43.9μ | -25.8μ | -0.83m | 0.01 | 0.002 | 0 |
| 1115 | 4 | 22 | 9.2100 | 21.5400 | 13.8500 | 4 | 62.1μ | 94.9μ | -0.87m | -0.007 | 0.002 | 0 | 62.1μ | 94.9μ | -0.87m | -0.007 | 0.002 | 0 |
| 1139 | 4 | 23 | 12.2900 | 2.0900 | 13.8500 | 4 | -18.0μ | 33.5μ | -0.28m | 0.002 | -0.007 | 0 | -18.0μ | 33.5μ | -0.28m | 0.002 | -0.007 | 0 |
| 1118 | 4 | 24 | 12.2900 | 5.2900</ | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|--------|---------|---------|---|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|--------|---|
| 1008 | 9 | 13 | 5.7500 | 2.0900 | 16.2500 | 4 | -0.16m | 0.55m | -0.57m | -0.01 | -0.003 | 0 | -0.16m | 0.55m | -0.57m | -0.01 | -0.003 | 0 |
| 1164 | 9 | 14 | 5.7500 | 7.0000 | 16.2500 | 4 | -0.43m | -0.27m | -0.71m | 0.007 | -0.009 | 0 | -0.43m | -0.27m | -0.71m | 0.007 | -0.009 | 0 |
| 1711 | 9 | 15 | 4.9300 | 16.3400 | 16.2500 | 4 | 0.23m | 0.36m | -0.24m | -0.006 | 0.004 | 0 | 0.23m | 0.36m | -0.24m | -0.006 | 0.004 | 0 |
| 1662 | 9 | 16 | 4.9900 | 21.5400 | 16.2500 | 4 | 41.7μ | 0.37m | -0.82m | -0.006 | 0 | 0 | 41.7μ | 0.37m | -0.82m | -0.006 | 0 | 0 |
| 1142 | 9 | 17 | 8.5200 | 2.0900 | 16.2500 | 4 | -0.23m | 0.12m | -0.35m | -0.002 | -0.004 | 0 | -0.23m | 0.12m | -0.35m | -0.002 | -0.004 | 0 |
| 1144 | 9 | 19 | 8.5200 | 7.0000 | 16.2500 | 4 | -0.21m | 0.48m | -0.63m | -0.009 | -0.004 | 0 | -0.21m | 0.48m | -0.63m | -0.009 | -0.004 | 0 |
| 1086 | 9 | 20 | 8.5200 | 11.7000 | 16.2500 | 4 | 18.4μ | 0.13m | -1.02m | -0.002 | 0 | 0 | 18.4μ | 0.13m | -1.02m | -0.002 | 0 | 0 |
| 1080 | 9 | 21 | 8.5200 | 16.3400 | 16.2500 | 4 | 0.11m | -0.46m | -0.84m | 0.01 | 0.002 | 0 | 0.11m | -0.46m | -0.84m | 0.01 | 0.002 | 0 |
| 1222 | 9 | 22 | 9.2100 | 21.5400 | 16.2500 | 4 | 0.13m | 0.40m | -0.87m | -0.007 | 0.002 | 0 | 0.13m | 0.40m | -0.87m | -0.007 | 0.002 | 0 |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Famiglia Cmb. 5) Permanente

| Nodo | | | | | | Fam.Cmb. | Min. | | | | | | Max. | | | | | |
|----------|-------|------|---------|---------|--------|----------|--------|--------|--------|-----------|-----------|-----------|--------|--------|--------|-----------|-----------|-----------|
| Nodo FEM | Piano | Filo | x[m] | y[m] | z[m] | | sx [m] | sy [m] | sz [m] | rot x [°] | rot y [°] | rot z [°] | sx [m] | sy [m] | sz [m] | rot x [°] | rot y [°] | rot z [°] |
| 1935 | 0 | 1 | -5.1600 | 13.9500 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1938 | 0 | 2 | -5.1600 | 16.6500 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1939 | 0 | 3 | -5.1600 | 18.8800 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 4 | -5.1600 | 21.5400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 662 | 0 | 5 | 0.1800 | 0.1800 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 654 | 0 | 6 | 0.1800 | 2.7000 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 478 | 0 | 7 | 0.1800 | 7.0000 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 480 | 0 | 8 | 0.1800 | 11.4800 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1936 | 0 | 9 | 0.1800 | 13.9500 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | 0 | 10 | 0.1800 | 16.3400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80 | 0 | 11 | 0.1800 | 21.5400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 588 | 0 | 12 | 5.7500 | 0.1800 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1091 | 0 | 13 | 5.7500 | 2.0900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 363 | 0 | 14 | 5.7500 | 7.0000 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 297 | 0 | 15 | 4.9300 | 16.3400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1657 | 0 | 16 | 4.9900 | 21.5400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1096 | 0 | 17 | 8.5200 | 2.0900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1095 | 0 | 18 | 8.5200 | 5.2900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1082 | 0 | 19 | 8.5200 | 7.0000 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1083 | 0 | 20 | 8.5200 | 11.7000 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1078 | 0 | 21 | 8.5200 | 16.3400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1655 | 0 | 22 | 9.2100 | 21.5400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1102 | 0 | 23 | 12.2900 | 2.0900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 24 | 12.2900 | 5.2900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1112 | 0 | 25 | 12.2900 | 9.6900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1115 | 0 | 26 | 12.2900 | 11.7700 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1463 | 0 | 27 | 12.2900 | 16.3400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1104 | 0 | 28 | 13.9500 | 2.0900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1106 | 0 | 29 | 13.9500 | 5.2900 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1476 | 0 | 30 | 14.3000 | 16.3400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1535 | 0 | 31 | 14.3000 | 21.5400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 490 | 0 | 36 | 4.4300 | 16.3400 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 384 | 0 | 37 | 4.4300 | 7.0000 | 0.0000 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | -5.1600 | 13.9500 | 3.0500 | 5 | 36.8μ | 21.9μ | -0.17m | -0.003 | 0.005 | 0 | 36.8μ | 21.9μ | -0.17m | -0.003 | 0.005 | 0 |
| 3 | 1 | 2 | -5.1600 | 16.6500 | 3.0500 | 5 | -13.1μ | -3.30μ | -0.19m | 0.001 | -0.003 | 0 | -13.1μ | -3.30μ | -0.19m | 0.001 | -0.003 | 0 |
| 6 | 1 | 3 | -5.1600 | 18.8800 | 3.0500 | 5 | -13.4μ | 1.10μ | -0.18m | 0 | -0.003 | 0 | -13.4μ | 1.10μ | -0.18m | 0 | -0.003 | 0 |
| 9 | 1 | 4 | -5.1600 | 21.5400 | 3.0500 | 5 | -2.91μ | -7.40μ | -56.7μ | 0.001 | -0.001 | 0 | -2.91μ | -7.40μ | -56.7μ | 0.001 | -0.001 | 0 |
| 17 | 1 | 5 | 0.1800 | 0.1800 | 3.0500 | 5 | 5.19μ | 3.26μ | -50.8μ | 0 | 0 | 0 | 5.19μ | 3.26μ | -50.8μ | 0 | 0 | 0 |
| 25 | 1 | 6 | 0.1800 | 2.7000 | 3.0500 | 5 | 7.57μ | 13.1μ | -70.5μ | -0.002 | 0 | 0 | 7.57μ | 13.1μ | -70.5μ | -0.002 | 0 | 0 |
| 33 | 1 | 7 | 0.1800 | 7.0000 | 3.0500 | 5 | 4.93μ | 3.51μ | -0.23m | 0 | 0 | 0 | 4.93μ | 3.51μ | -0.23m | 0 | 0 | 0 |
| 36 | 1 | 8 | 0.1800 | 11.4800 | 3.0500 | 5 | 26.3μ | -10.6μ | -0.25m | 0.002 | 0.003 | 0 | 26.3μ | -10.6μ | -0.25m | 0.002 | 0.003 | 0 |
| 39 | 1 | 9 | 0.1800 | 13.9500 | 3.0500 | 5 | -17.5μ | -1.84μ | -0.21m | 0.001 | -0.004 | 0 | -17.5μ | -1.84μ | -0.21m | 0.001 | -0.004 | 0 |
| 42 | 1 | 10 | 0.1800 | 16.3400 | 3.0500 | 5 | 2.68μ | -0.76μ | -53.7μ | 0.001 | 0 | 0 | 2.68μ | -0.76μ | -53.7μ | 0.001 | 0 | 0 |
| 58 | 1 | 11 | 0.1800 | 21.5400 | 3.0500 | 5 | 13.4μ | 8.51μ | -65.1μ | -0.001 | 0.002 | 0 | 13.4μ | 8.51μ | -65.1μ | -0.001 | 0.002 | 0 |
| 66 | 1 | 12 | 5.7500 | 0.1800 | 3.0500 | 5 | 8.74μ | 6.63μ | -47.6μ | -0.001 | 0.001 | 0 | 8.74μ | 6.63μ | -47.6μ | -0.001 | 0.001 | 0 |
| 74 | 1 | 13 | 5.7500 | 2.0900 | 3.0500 | 5 | 12.4μ | 31.7μ | -0.16m | -0.004 | 0.001 | 0 | 12.4μ | 31.7μ | -0.16m | -0.004 | 0.001 | 0 |
| 77 | 1 | 14 | 5.7500 | 7.0000 | 3.0500 | 5 | 39.6μ | -37.0μ | -0.12m | 0.005 | 0.004 | 0 | 39.6μ | -37.0μ | -0.12m | 0.005 | 0.004 | 0 |
| 85 | 1 | 15 | 4.9300 | 16.3400 | 3.0500 | 5 | 10.8μ | 10.5μ | -57.0μ | -0.001 | 0.001 | 0 | 10.8μ | 10.5μ | -57.0μ | -0.001 | 0.001 | 0 |
| 93 | 1 | 16 | 4.9900 | 21.5400 | 3.0500 | 5 | -9.65μ | 16.0μ | -0.28m | -0.002 | -0.002 | 0 | -9.65μ | 16.0μ | -0.28m | -0.002 | -0.002 | 0 |
| 96 | 1 | 17 | 8.5200 | 2.0900 | 3.0500 | 5 | -7.40μ | 17.5μ | -0.12m | -0.002 | -0.002 | 0 | -7.40μ | 17.5μ | -0.12m | -0.002 | -0.002 | 0 |
| 99 | 1 | 18 | 8.5200 | 5.2900 | 3.0500 | 5 | 3.46μ | -7.61μ | -0.15m | 0.003 | -0.001 | 0 | 3.46μ | -7.61μ | -0.15m | 0.003 | -0.001 | 0 |
| 102 | 1 | 19 | 8.5200 | 7.0000 | 3.0500 | 5 | 6.00μ | 37.0μ | -0.20m | -0.005 | 0 | 0 | 6.00μ | 37.0μ | -0.20m | -0.005 | 0 | 0 |
| 105 | 1 | 20 | 8.5200 | 11.7000 | 3.0500 | 5 | 5.64μ | 10.1μ | -0.31m | -0.001 | 0 | 0 | 5.64μ | 10.1μ | -0.31m | -0.001 | 0 | 0 |
| 108 | 1 | 21 | 8.5200 | 16.3400 | 3.0500 | 5 | 11.7μ | -42.8μ | -0.27m | 0.007 | 0.001 | 0 | 11.7μ | -42.8μ | -0.27m | 0.007 | 0.001 | 0 |
| 111 | 1 | 22 | 9.2100 | 21.5400 | 3.0500 | 5 | 21.9μ | 17.2μ | -0.30m | -0.002 | 0.003 | 0 | 21.9μ | 17.2μ | -0.30m | -0.002 | 0.003 | 0 |
| 1103 | 1 | 23 | 12.2900 | 2.0900 | 3.0500 | 5 | 6.73μ | 4.98μ | -0.11m | 0.002 | 0.004 | 0 | 6.73μ | 4.98μ | -0.11m | 0.002 | 0.004 | 0 |
| 116 | 1 | 24 | 12.2900 | 5.2900 | 3.0500 | 5 | 25.5μ | 43.1μ | -0.13m | -0.005 | 0.003 | 0 | 25.5μ | 43.1μ | -0.13m | -0.005 | 0.003 | 0 |
| 120 | 1 | 25 | 12.2900 | 9.6900 | 3.0500 | 5 | 14.3μ | -13.0μ | -0.21m | 0.003 | 0.001 | 0 | 14.3μ | -13.0μ | -0.21m | 0.003 | 0.001 | 0 |
| 123 | 1 | 26 | 12.2900 | 11.7700 | 3.0500 | 5 | 14.4μ | 27.5μ | -0.22m | -0.003 | 0.001 | 0 | 14.4μ | 27.5μ | -0.22m | -0.003 | 0.001 | 0 |
| 126 | 1 | 27 | 12.2900 | 16.3400 | 3.0500 | 5 | -3.24μ | -13.4μ | -67.5μ | 0.003 | -0.001 | 0 | -3.24μ | -13.4μ | -67.5μ | 0.003 | -0.001 | 0 |
| 1105 | 1 | 28 | 13.9500 | 2.0900 | 3.0500 | 5 | 6.73μ | 5.28μ | -75.9μ | 0 | 0.005 | 0 | 6.73μ | 5.28μ | -75.9μ | 0 | 0.005 | 0 |
| 1107 | 1 | 29 | 13.9500 | 5.2900 | 3.0500 | 5 | 6.16μ | 5.28μ | -77.0μ | -0.002 | 0.002 | 0 | 6.16μ | 5.28μ | -77.0μ | -0.002 | 0.002 | 0 |
| 138 | 1 | 30 | 14.3000 | 16.3400 | 3.0500 | 5 | 4.34μ | 3.83μ | -55.9μ | 0 | 0 | 0 | 4.34μ | 3.83μ | -55.9μ | 0 | 0 | 0 |
| 146 | 1 | 31 | 14.3000 | 21.5400 | 3.0500 | 5 | -21.0μ | 11.1μ | -69.5μ | -0.001 | -0.004 | 0 | -21.0μ | 11.1μ | -69.5μ | -0.001 | -0.004 | 0 |
| 312 | 1 | 32 | 8.5200 | 3.0900 | 3.0500 | 5 | 90.1μ | 28.6μ | -0.23m | -0.006 | 0.019 | 0 | 90.1μ | 28.6μ | -0.23m | -0.006 | 0.019 | 0 |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|---------|---|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|
| 236 | 1 | 36 | 4.4300 | 16.3400 | 3.0500 | 5 | 6.56μ | 9.66μ | -52.3μ | -0.001 | 0 | 0 | 6.56μ | 9.66μ | -52.3μ | -0.001 | 0 | 0 |
| 293 | 1 | 37 | 4.4300 | 7.0000 | 3.0500 | 5 | 16.7μ | -64.9n | -22.8μ | 0.001 | 0.002 | 0 | 16.7μ | -64.9n | -22.8μ | 0.001 | 0.002 | 0 |
| 346 | 5 | 23 | 12.2900 | 2.0900 | 4.8500 | 5 | 0.12m | 14.6μ | -0.15m | -0.004 | 0.001 | 0.001 | 0.12m | 14.6μ | -0.15m | -0.004 | 0.001 | 0.001 |
| 348 | 5 | 24 | 12.2900 | 5.2900 | 4.8500 | 5 | 42.2μ | -23.1μ | -0.18m | 0.004 | -0.001 | 0.001 | 42.2μ | -23.1μ | -0.18m | 0.004 | -0.001 | 0.001 |
| 351 | 5 | 28 | 13.9500 | 2.0900 | 4.8500 | 5 | 0.12m | 40.4μ | -0.11m | -0.002 | 0 | 0.001 | 0.12m | 40.4μ | -0.11m | -0.002 | 0 | 0.001 |
| 353 | 5 | 29 | 13.9500 | 5.2900 | 4.8500 | 5 | 47.8μ | 25.0μ | -0.11m | 0.002 | 0 | 0.001 | 47.8μ | 25.0μ | -0.11m | 0.002 | 0 | 0.001 |
| 359 | 5 | 33 | 12.2900 | 3.0900 | 4.8500 | 5 | -32.5μ | 5.43μ | -0.32m | -0.003 | -0.051 | 0.001 | -32.5μ | 5.43μ | -0.32m | -0.003 | -0.051 | 0.001 |
| 307 | 5 | 35 | 12.2900 | 4.2900 | 4.8500 | 5 | -45.5μ | -7.84μ | -0.30m | 0.002 | -0.047 | 0.001 | -45.5μ | -7.84μ | -0.30m | 0.002 | -0.047 | 0.001 |
| 369 | 2 | 1 | -5.1600 | 13.9500 | 6.6500 | 5 | 37.9μ | 36.1μ | -0.32m | -0.002 | 0.005 | 0 | 37.9μ | 36.1μ | -0.32m | -0.002 | 0.005 | 0 |
| 371 | 2 | 2 | -5.1600 | 16.6500 | 6.6500 | 5 | -6.26μ | 17.4μ | -0.36m | 0 | -0.002 | 0 | -6.26μ | 17.4μ | -0.36m | 0 | -0.002 | 0 |
| 373 | 2 | 3 | -5.1600 | 18.8800 | 6.6500 | 5 | -3.81μ | 8.17μ | -0.33m | 0.002 | -0.001 | 0 | -3.81μ | 8.17μ | -0.33m | 0.002 | -0.001 | 0 |
| 375 | 2 | 4 | -5.1600 | 21.5400 | 6.6500 | 5 | 4.50μ | 9.85μ | -0.10m | 0.001 | 0 | 0 | 4.50μ | 9.85μ | -0.10m | 0.001 | 0 | 0 |
| 383 | 2 | 5 | 0.1800 | 0.1800 | 6.6500 | 5 | -1.20μ | 20.3μ | -98.7μ | 0 | 0 | 0 | -1.20μ | 20.3μ | -98.7μ | 0 | 0 | 0 |
| 391 | 2 | 6 | 0.1800 | 2.7000 | 6.6500 | 5 | -11.0μ | 31.9μ | -0.13m | -0.002 | -0.002 | 0 | -11.0μ | 31.9μ | -0.13m | -0.002 | -0.002 | 0 |
| 399 | 2 | 7 | 0.1800 | 7.0000 | 6.6500 | 5 | 29.1μ | 12.7μ | -0.51m | 0.001 | 0.004 | 0 | 29.1μ | 12.7μ | -0.51m | 0.001 | 0.004 | 0 |
| 401 | 2 | 8 | 0.1800 | 11.4800 | 6.6500 | 5 | -31.1μ | -3.02μ | -0.50m | 0.003 | -0.005 | 0 | -31.1μ | -3.02μ | -0.50m | 0.003 | -0.005 | 0 |
| 403 | 2 | 9 | 0.1800 | 13.9500 | 6.6500 | 5 | -25.1μ | 1.92μ | -0.40m | 0.003 | -0.005 | 0 | -25.1μ | 1.92μ | -0.40m | 0.003 | -0.005 | 0 |
| 405 | 2 | 10 | 0.1800 | 16.3400 | 6.6500 | 5 | 6.18μ | 15.3μ | -0.10m | 0.001 | 0 | 0 | 6.18μ | 15.3μ | -0.10m | 0.001 | 0 | 0 |
| 421 | 2 | 11 | 0.1800 | 21.5400 | 6.6500 | 5 | 16.7μ | 23.8μ | -0.12m | -0.001 | 0.002 | 0 | 16.7μ | 23.8μ | -0.12m | -0.001 | 0.002 | 0 |
| 429 | 2 | 12 | 5.7500 | 0.1800 | 6.6500 | 5 | 1.70μ | 23.6μ | -85.8μ | -0.002 | 0 | 0 | 1.70μ | 23.6μ | -85.8μ | -0.002 | 0 | 0 |
| 437 | 2 | 13 | 5.7500 | 2.0900 | 6.6500 | 5 | 0.86μ | 51.1μ | -0.34m | -0.005 | 0 | 0 | 0.86μ | 51.1μ | -0.34m | -0.005 | 0 | 0 |
| 439 | 2 | 14 | 5.7500 | 7.0000 | 6.6500 | 5 | -46.8μ | -9.78μ | -0.37m | 0.003 | -0.006 | 0 | -46.8μ | -9.78μ | -0.37m | 0.003 | -0.006 | 0 |
| 441 | 2 | 15 | 4.9300 | 16.3400 | 6.6500 | 5 | 14.9μ | 28.6μ | -0.13m | -0.002 | 0.001 | 0 | 14.9μ | 28.6μ | -0.13m | -0.002 | 0.001 | 0 |
| 449 | 2 | 16 | 4.9900 | 21.5400 | 6.6500 | 5 | -2.10μ | 41.1μ | -0.53m | -0.004 | -0.001 | 0 | -2.10μ | 41.1μ | -0.53m | -0.004 | -0.001 | 0 |
| 451 | 2 | 17 | 8.5200 | 2.0900 | 6.6500 | 5 | -20.3μ | 24.5μ | -0.23m | -0.001 | -0.003 | 0 | -20.3μ | 24.5μ | -0.23m | -0.001 | -0.003 | 0 |
| 453 | 2 | 18 | 8.5200 | 5.2900 | 6.6500 | 5 | -0.90μ | 8.14μ | -0.29m | 0.002 | -0.001 | 0 | -0.90μ | 8.14μ | -0.29m | 0.002 | -0.001 | 0 |
| 455 | 2 | 19 | 8.5200 | 7.0000 | 6.6500 | 5 | -16.8μ | 43.6μ | -0.38m | -0.004 | -0.003 | 0 | -16.8μ | 43.6μ | -0.38m | -0.004 | -0.003 | 0 |
| 457 | 2 | 20 | 8.5200 | 11.7000 | 6.6500 | 5 | 3.77μ | 21.9μ | -0.60m | -0.001 | 0 | 0 | 3.77μ | 21.9μ | -0.60m | -0.001 | 0 | 0 |
| 459 | 2 | 21 | 8.5200 | 16.3400 | 6.6500 | 5 | 8.03μ | -19.7μ | -0.50m | 0.005 | 0 | 0 | 8.03μ | -19.7μ | -0.50m | 0.005 | 0 | 0 |
| 461 | 2 | 22 | 9.2100 | 21.5400 | 6.6500 | 5 | 22.4μ | 40.9μ | -0.56m | -0.004 | 0.002 | 0 | 22.4μ | 40.9μ | -0.56m | -0.004 | 0.002 | 0 |
| 1094 | 2 | 23 | 12.2900 | 2.0900 | 6.6500 | 5 | 1.42μ | 14.6μ | -0.20m | 0.003 | 0 | 0 | 1.42μ | 14.6μ | -0.20m | 0.003 | 0 | 0 |
| 464 | 2 | 24 | 12.2900 | 5.2900 | 6.6500 | 5 | 4.81μ | 55.3μ | -0.22m | -0.006 | 0 | 0 | 4.81μ | 55.3μ | -0.22m | -0.006 | 0 | 0 |
| 467 | 2 | 25 | 12.2900 | 9.6900 | 6.6500 | 5 | 19.4μ | -7.78μ | -0.39m | 0.003 | 0.002 | 0 | 19.4μ | -7.78μ | -0.39m | 0.003 | 0.002 | 0 |
| 469 | 2 | 26 | 12.2900 | 11.7700 | 6.6500 | 5 | 21.2μ | 44.8μ | -0.40m | -0.004 | 0.003 | 0 | 21.2μ | 44.8μ | -0.40m | -0.004 | 0.003 | 0 |
| 471 | 2 | 27 | 12.2900 | 16.3400 | 6.6500 | 5 | -7.21n | -4.95μ | -0.11m | 0.003 | -0.001 | 0 | -7.21n | -4.95μ | -0.11m | 0.003 | -0.001 | 0 |
| 1108 | 2 | 28 | 13.9500 | 2.0900 | 6.6500 | 5 | 1.42μ | 14.2μ | -0.14m | 0.001 | 0 | 0 | 1.42μ | 14.2μ | -0.14m | 0.001 | 0 | 0 |
| 1101 | 2 | 29 | 13.9500 | 5.2900 | 6.6500 | 5 | 2.26μ | 14.2μ | -0.14m | -0.002 | 0 | 0 | 2.26μ | 14.2μ | -0.14m | -0.002 | 0 | 0 |
| 481 | 2 | 30 | 14.3000 | 16.3400 | 6.6500 | 5 | 5.46μ | 13.1μ | -0.11m | 0 | 0 | 0 | 5.46μ | 13.1μ | -0.11m | 0 | 0 | 0 |
| 489 | 2 | 31 | 14.3000 | 21.5400 | 6.6500 | 5 | -20.0μ | 19.0μ | -0.12m | -0.001 | -0.004 | 0 | -20.0μ | 19.0μ | -0.12m | -0.001 | -0.004 | 0 |
| 366 | 2 | 32 | 8.5200 | 3.0900 | 6.6500 | 5 | 0.12m | 23.5μ | -0.36m | -0.003 | 0.046 | 0 | 0.12m | 23.5μ | -0.36m | -0.003 | 0.046 | 0 |
| 662 | 2 | 34 | 8.5200 | 4.2900 | 6.6500 | 5 | 0.14m | 12.8μ | -0.44m | 0.001 | 0.05 | 0 | 0.14m | 12.8μ | -0.44m | 0.001 | 0.05 | 0 |
| 579 | 2 | 36 | 4.4300 | 16.3400 | 6.6500 | 5 | 11.2μ | 27.3μ | -0.12m | -0.001 | 0.001 | 0 | 11.2μ | 27.3μ | -0.12m | -0.001 | 0.001 | 0 |
| 673 | 6 | 23 | 12.2900 | 2.0900 | 8.4500 | 5 | 94.8μ | 25.6μ | -0.23m | -0.004 | 0.001 | 0.001 | 94.8μ | 25.6μ | -0.23m | -0.004 | 0.001 | 0.001 |
| 675 | 6 | 24 | 12.2900 | 5.2900 | 8.4500 | 5 | 25.7μ | -14.2μ | -0.25m | 0.004 | -0.001 | 0.001 | 25.7μ | -14.2μ | -0.25m | 0.004 | -0.001 | 0.001 |
| 678 | 6 | 28 | 13.9500 | 2.0900 | 8.4500 | 5 | 93.5μ | 48.0μ | -0.15m | -0.002 | 0.001 | 0.001 | 93.5μ | 48.0μ | -0.15m | -0.002 | 0.001 | 0.001 |
| 680 | 6 | 29 | 13.9500 | 5.2900 | 8.4500 | 5 | 28.7μ | 31.9μ | -0.16m | 0.002 | 0 | 0.001 | 28.7μ | 31.9μ | -0.16m | 0.002 | 0 | 0.001 |
| 686 | 6 | 33 | 12.2900 | 3.0900 | 8.4500 | 5 | -51.9μ | 15.5μ | -0.40m | -0.003 | -0.049 | 0.001 | -51.9μ | 15.5μ | -0.40m | -0.003 | -0.049 | 0.001 |
| 667 | 6 | 35 | 12.2900 | 4.2900 | 8.4500 | 5 | -65.5μ | 1.66μ | -0.38m | 0.002 | -0.046 | 0.001 | -65.5μ | 1.66μ | -0.38m | 0.002 | -0.046 | 0.001 |
| 696 | 3 | 1 | -5.1600 | 13.9500 | 10.2500 | 5 | 44.8μ | 68.3μ | -0.41m | -0.003 | 0.005 | 0 | 44.8μ | 68.3μ | -0.41m | -0.003 | 0.005 | 0 |
| 698 | 3 | 2 | -5.1600 | 16.6500 | 10.2500 | 5 | 9.84μ | 47.7μ | -0.47m | 0 | -0.001 | 0 | 9.84μ | 47.7μ | -0.47m | 0 | -0.001 | 0 |
| 700 | 3 | 3 | -5.1600 | 18.8800 | 10.2500 | 5 | 13.2μ | 33.9μ | -0.42m | 0.002 | -0.001 | 0 | 13.2μ | 33.9μ | -0.42m | 0.002 | -0.001 | 0 |
| 702 | 3 | 4 | -5.1600 | 21.5400 | 10.2500 | 5 | 21.2μ | 40.5μ | -0.14m | 0.001 | 0 | 0 | 21.2μ | 40.5μ | -0.14m | 0.001 | 0 | 0 |
| 710 | 3 | 5 | 0.1800 | 0.1800 | 10.2500 | 5 | -10.6μ | 44.8μ | -0.13m | -0.001 | 0 | 0 | -10.6μ | 44.8μ | -0.13m | -0.001 | 0 | 0 |
| 718 | 3 | 6 | 0.1800 | 2.7000 | 10.2500 | 5 | -12.0μ | 54.3μ | -0.16m | -0.002 | -0.001 | 0 | -12.0μ | 54.3μ | -0.16m | -0.002 | -0.001 | 0 |
| 726 | 3 | 7 | 0.1800 | 7.0000 | 10.2500 | 5 | 12.3μ | 52.7μ | -0.69m | -0.001 | 0.002 | 0 | 12.3μ | 52.7μ | -0.69m | -0.001 | 0.002 | 0 |
| 728 | 3 | 8 | 0.1800 | 11.4800 | 10.2500 | 5 | 7.67μ | 17.2μ | -0.65m | 0.004 | 0 | 0 | 7.67μ | 17.2μ | -0.65m | 0.004 | 0 | 0 |
| 730 | 3 | 9 | 0.1800 | 13.9500 | 10.2500 | 5 | -17.6μ | 23.6μ | -0.51m | 0.003 | -0.005 | 0 | -17.6μ | 23.6μ | -0.51m | 0.003 | -0.005 | 0 |
| 732 | 3 | 10 | 0.1800 | 16.3400 | 10.2500 | 5 | 15.6μ | 39.4μ | -0.13m | 0.001 | 0 | 0 | 15.6μ | 39.4μ | -0.13m | 0.001 | 0 | 0 |
| 748 | 3 | 11 | 0.1800 | 21.5400 | 10.2500 | 5 | 31.4μ | 46.9μ | -0.16m | -0.001 | 0.001 | 0 | 31.4μ | 46.9μ | -0.16m | -0.001 | 0.001 | 0 |
| 756 | 3 | 12 | 5.7500 | 0.1800 | 10.2500 | 5 | -8.57μ | 43.1μ | -0.11m | -0.003 | 0 | 0 | -8.57μ | 43.1μ | -0.11m | -0.003 | 0 | 0 |
| 764 | 3 | 13 | 5.7500 | 2.0900 | 10.2500 | 5 | -7.95μ | 68.1μ | -0.46m | -0.005 | 0 | 0 | -7.95μ | 68.1μ | -0.46m | -0.005 | 0 | 0 |
| 766 | 3 | 14 | 5.7500 | 7.0000 | 10.2500 | 5 | -19.9μ | 13.1μ | -0.54m | 0.003 | -0.003 | 0 | -19.9μ | 13.1μ | -0.54m | 0.003 | -0.003 | 0 |
| 768 | 3 | 15 | 4.9300 | 16.3400 | 10.2500 | 5 | 27.6μ | 43.5μ | -0.18m | -0.001 | 0.002 | 0 | 27.6μ | 43.5μ | -0.18m | -0.001 | 0.002 | 0 |
| 776 | 3 | 16 | 4.9900 | 21.5400 | 10.2500 | 5 | 18.1μ | 46.9μ | -0.68m | -0.002 | -0.001 | 0 | 18.1μ | 46.9μ | -0.68m | -0.002 | -0.001 | 0 |
| 778 | 3 | 17 | 8.5200 | 2.0900 | 10.2500 | 5 | -32.2μ | 36.7μ | -0.30m | -0.001 | -0.004 | 0 | -32.2μ | 36.7μ | -0.30m | -0.001 | -0.004 | 0 |
| 780 | 3 | 18 | 8.5200 | 5.2900 | 10.2500 | 5 | -3.27μ | 24.1μ | -0.37m | 0.001 | 0 | 0 | -3.27μ | 24.1μ | -0.37m | 0.001 | 0 | 0 |
| 782 | 3 | 19 | 8.5200 | 7.0000 | 10.2500 | 5 | -10.7μ | 59.1μ | -0.50m | -0.005 | -0.002 | 0 | -10.7μ | 59.1μ | -0.50m | -0.005 | -0.002 | 0 |
| 784 | 3 | 20 | 8.5200 | 11.7000 | 10.2500 | 5 | 8.28μ | 37.5μ | -0.80m | -0.001 | 0 | 0 | 8.28μ | 37.5μ | -0.80m | -0.001 | 0 | 0 |
| 786 | 3 | 21 | 8.5200 | 16.3400 | 10.2500 | 5 | 22.2μ | -6.15μ | -0.66m | 0.005 | 0.001 | 0 | 22.2μ | -6.15μ | -0.66m | 0.005 | 0.001 | 0 |
| 788 | 3 | 22 | 9.2100 | 21.5400 | 10.2500 | 5 | 35.3μ | 38.7μ | -0.72m | -0.001 | 0.002 | | | | | | | |

Suffissi: $f=10^{-15}$; $p=10^{-12}$; $n=10^{-9}$; $\mu=10^{-6}$; $m=10^{-3}$; $k=10^3$; $M=10^6$; $G=10^9$; $T=10^{12}$; $P=10^{15}$ (Sistema Internazionale di misura)

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| Nodo | | |
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|------|---|----|---------|---------|--------|---|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|
| 1112 | 0 | 25 | 12.2900 | 9.6900 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1115 | 0 | 26 | 12.2900 | 11.7700 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1463 | 0 | 27 | 12.2900 | 16.3400 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1104 | 0 | 28 | 13.9500 | 2.0900 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1106 | 0 | 29 | 13.9500 | 5.2900 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1476 | 0 | 30 | 14.3000 | 16.3400 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1535 | 0 | 31 | 14.3000 | 21.5400 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 490 | 0 | 36 | 4.4300 | 16.3400 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 384 | 0 | 37 | 4.4300 | 7.0000 | 0.0000 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | -5.1600 | 13.9500 | 3.0500 | 7 | -34.4μ | -60.0μ | -0.19m | -0.005 | 0.003 | 0 | 0.11m | 0.11m | -0.16m | -0.001 | 0.006 | 0 |
| 3 | 1 | 2 | -5.1600 | 16.6500 | 3.0500 | 7 | -99.7μ | -78.7μ | -0.21m | 0 | -0.005 | 0 | 72.4μ | 72.2μ | -0.21m | 0.001 | 0 | 0 |
| 6 | 1 | 3 | -5.1600 | 18.8800 | 3.0500 | 7 | -0.11m | -70.1μ | -0.21m | -0.001 | -0.006 | 0 | 81.5μ | 72.2μ | -0.18m | 0.001 | 0 | 0 |
| 9 | 1 | 4 | -5.1600 | 21.5400 | 3.0500 | 7 | -0.11m | -94.7μ | -0.16m | -0.001 | -0.004 | 0 | 0.10m | 78.4μ | 46.1μ | 0.004 | 0.002 | 0 |
| 17 | 1 | 5 | 0.1800 | 0.1800 | 3.0500 | 7 | -62.0μ | -57.4μ | -0.10m | -0.001 | -0.001 | 0 | 73.8μ | 64.4μ | -6.07μ | 0.001 | 0 | 0 |
| 25 | 1 | 6 | 0.1800 | 2.7000 | 3.0500 | 7 | -60.9μ | -54.5μ | -0.15m | -0.004 | -0.002 | 0 | 78.1μ | 82.7μ | -1.98μ | 0.001 | 0.002 | 0 |
| 33 | 1 | 7 | 0.1800 | 7.0000 | 3.0500 | 7 | -56.8μ | -53.5μ | -0.26m | -0.001 | -0.001 | 0 | 66.4μ | 61.4μ | -0.25m | 0 | 0.001 | 0 |
| 36 | 1 | 8 | 0.1800 | 11.4800 | 3.0500 | 7 | -39.6μ | -68.4μ | -0.29m | 0.002 | 0.001 | 0 | 97.6μ | 45.0μ | -0.27m | 0.003 | 0.005 | 0 |
| 39 | 1 | 9 | 0.1800 | 13.9500 | 3.0500 | 7 | -85.2μ | -57.8μ | -0.24m | 0 | -0.005 | 0 | 54.2μ | 54.8μ | -0.23m | 0.001 | -0.002 | 0 |
| 42 | 1 | 10 | 0.1800 | 16.3400 | 3.0500 | 7 | -72.3μ | -64.8μ | -0.13m | -0.001 | -0.002 | 0 | 79.4μ | 62.8μ | 19.2μ | 0.003 | 0.002 | 0 |
| 58 | 1 | 11 | 0.1800 | 21.5400 | 3.0500 | 7 | -88.8μ | -61.8μ | -0.16m | -0.003 | -0.001 | 0 | 0.12m | 80.0μ | 18.4μ | 0.002 | 0.004 | 0 |
| 66 | 1 | 12 | 5.7500 | 0.1800 | 3.0500 | 7 | -57.7μ | -34.1μ | -0.12m | -0.001 | 0 | 0 | 77.1μ | 48.3μ | 20.5μ | 0 | 0.002 | 0 |
| 74 | 1 | 13 | 5.7500 | 2.0900 | 3.0500 | 7 | -54.2μ | -9.83μ | -0.18m | -0.005 | 0 | 0 | 79.8μ | 82.2μ | -0.16m | -0.003 | 0.002 | 0 |
| 77 | 1 | 14 | 5.7500 | 7.0000 | 3.0500 | 7 | -14.8μ | -87.0μ | -0.15m | 0.005 | 0.004 | 0 | 0.11m | 2.22μ | -0.12m | 0.007 | 0.006 | 0 |
| 85 | 1 | 15 | 4.9300 | 16.3400 | 3.0500 | 7 | -68.9μ | -34.4μ | -0.13m | -0.002 | -0.001 | 0 | 93.7μ | 57.2μ | 6.53μ | 0 | 0.003 | 0 |
| 93 | 1 | 16 | 4.9900 | 21.5400 | 3.0500 | 7 | -98.4μ | -34.7μ | -0.32m | -0.004 | -0.003 | 0 | 79.0μ | 68.6μ | -0.30m | 0 | -0.002 | 0 |
| 96 | 1 | 17 | 8.5200 | 2.0900 | 3.0500 | 7 | -71.5μ | -30.3μ | -0.13m | -0.003 | -0.003 | 0 | 55.9μ | 67.7μ | -0.11m | -0.001 | -0.001 | 0 |
| 99 | 1 | 18 | 8.5200 | 5.2900 | 3.0500 | 7 | -56.8μ | -57.0μ | -0.18m | 0.002 | -0.003 | 0 | 64.9μ | 42.1μ | -0.15m | 0.005 | 0.001 | 0 |
| 102 | 1 | 19 | 8.5200 | 7.0000 | 3.0500 | 7 | -54.0μ | -8.93μ | -0.23m | -0.007 | -0.001 | 0 | 67.5μ | 92.2μ | -0.22m | -0.005 | 0.001 | 0 |
| 105 | 1 | 20 | 8.5200 | 11.7000 | 3.0500 | 7 | -64.1μ | -35.0μ | -0.35m | -0.001 | -0.002 | 0 | 77.4μ | 57.3μ | -0.35m | -0.001 | 0.002 | 0 |
| 108 | 1 | 21 | 8.5200 | 16.3400 | 3.0500 | 7 | -58.7μ | -99.8μ | -0.31m | 0.007 | 0.001 | 0 | 86.5μ | 1.40μ | -0.29m | 0.009 | 0.002 | 0 |
| 111 | 1 | 22 | 9.2100 | 21.5400 | 3.0500 | 7 | -67.0μ | -38.4μ | -0.33m | -0.004 | 0.002 | 0 | 0.12m | 74.9μ | -0.32m | 0 | 0.004 | 0 |
| 1103 | 1 | 23 | 12.2900 | 2.0900 | 3.0500 | 7 | -50.9μ | -48.0μ | -0.13m | 0 | 0.002 | 0 | 66.0μ | 58.4μ | -0.10m | 0.005 | 0.007 | 0 |
| 116 | 1 | 24 | 12.2900 | 5.2900 | 3.0500 | 7 | -38.0μ | -14.9μ | -0.15m | -0.007 | 0.001 | 0 | 91.7μ | 0.11m | -0.12m | -0.005 | 0.004 | 0 |
| 120 | 1 | 25 | 12.2900 | 9.6900 | 3.0500 | 7 | -51.3μ | -67.3μ | -0.23m | 0.003 | -0.001 | 0 | 83.0μ | 39.1μ | -0.22m | 0.003 | 0.003 | 0 |
| 123 | 1 | 26 | 12.2900 | 11.7700 | 3.0500 | 7 | -53.5μ | -24.1μ | -0.24m | -0.004 | -0.001 | 0 | 85.6μ | 82.8μ | -0.23m | -0.003 | 0.004 | 0 |
| 126 | 1 | 27 | 12.2900 | 16.3400 | 3.0500 | 7 | -82.7μ | -75.4μ | -0.14m | 0.002 | -0.003 | 0 | 76.2μ | 45.9μ | -3.04μ | 0.005 | 0.001 | 0 |
| 1105 | 1 | 28 | 13.9500 | 2.0900 | 3.0500 | 7 | -50.9μ | -52.8μ | -86.5μ | -0.003 | 0.002 | 0 | 66.0μ | 63.8μ | -75.4μ | 0.003 | 0.008 | 0 |
| 1107 | 1 | 29 | 13.9500 | 5.2900 | 3.0500 | 7 | -46.7μ | -52.8μ | -90.2μ | -0.005 | 0 | 0 | 60.7μ | 63.8μ | -73.9μ | 0.001 | 0.004 | 0 |
| 138 | 1 | 30 | 14.3000 | 16.3400 | 3.0500 | 7 | -72.5μ | -63.2μ | -0.11m | -0.002 | -0.003 | 0 | 82.8μ | 71.0μ | -7.19μ | 0.003 | 0.003 | 0 |
| 146 | 1 | 31 | 14.3000 | 21.5400 | 3.0500 | 7 | -0.13m | -62.5μ | -0.16m | -0.003 | -0.007 | 0 | 81.2μ | 85.5μ | 15.0μ | 0.001 | -0.001 | 0 |
| 312 | 1 | 32 | 8.5200 | 3.0900 | 3.0500 | 7 | 21.9μ | -8.45μ | -0.27m | -0.008 | 0.016 | 0 | 0.16m | 69.1μ | -0.22m | -0.004 | 0.022 | 0 |
| 306 | 1 | 34 | 8.5200 | 4.2900 | 3.0500 | 7 | 73.9μ | -49.3μ | -0.39m | 0.001 | 0.044 | 0 | 0.22m | 45.9μ | -0.31m | 0.004 | 0.057 | 0 |
| 236 | 1 | 36 | 4.4300 | 16.3400 | 3.0500 | 7 | -68.6μ | -35.8μ | -0.11m | -0.003 | -0.001 | 0 | 84.0μ | 56.7μ | -8.02μ | 0 | 0.002 | 0 |
| 293 | 1 | 37 | 4.4300 | 7.0000 | 3.0500 | 7 | -37.2μ | -42.2μ | -39.9μ | 0.001 | 0.001 | 0 | 75.6μ | 41.5μ | -10.5μ | 0.001 | 0.003 | 0 |
| 346 | 5 | 23 | 12.2900 | 2.0900 | 4.8500 | 7 | -19.3μ | -0.12m | -0.18m | -0.006 | -0.002 | 0 | 0.26m | 0.15m | -0.14m | -0.002 | 0.003 | 0.002 |
| 348 | 5 | 24 | 12.2900 | 5.2900 | 4.8500 | 7 | -84.7μ | -0.16m | -0.22m | 0.002 | -0.004 | 0 | 0.17m | 0.11m | -0.16m | 0.007 | 0.001 | 0.002 |
| 351 | 5 | 28 | 13.9500 | 2.0900 | 4.8500 | 7 | -19.8μ | -0.10m | -0.12m | -0.004 | -0.002 | 0 | 0.26m | 0.19m | -0.10m | 0 | 0.002 | 0.002 |
| 353 | 5 | 29 | 13.9500 | 5.2900 | 4.8500 | 7 | -76.1μ | -0.12m | -0.13m | 0 | -0.003 | 0 | 0.17m | 0.17m | -0.10m | 0.004 | 0.002 | 0.002 |
| 359 | 5 | 33 | 12.2900 | 3.0900 | 4.8500 | 7 | -0.17m | -0.13m | -0.37m | -0.005 | -0.057 | 0 | 0.11m | 0.14m | -0.29m | -0.001 | -0.045 | 0.002 |
| 307 | 5 | 35 | 12.2900 | 4.2900 | 4.8500 | 7 | -0.15m | -0.14m | -0.37m | 0.001 | -0.053 | 0 | 59.9μ | 0.12m | -0.27m | 0.003 | -0.041 | 0.002 |
| 369 | 2 | 1 | -5.1600 | 13.9500 | 6.6500 | 7 | -0.22m | -0.31m | -0.36m | -0.006 | 0.003 | -0.001 | 0.30m | 0.40m | -0.31m | 0 | 0.007 | 0.001 |
| 371 | 2 | 2 | -5.1600 | 16.6500 | 6.6500 | 7 | -0.31m | -0.32m | -0.40m | 0 | -0.006 | -0.001 | 0.30m | 0.36m | -0.39m | 0.001 | 0.002 | 0.001 |
| 373 | 2 | 3 | -5.1600 | 18.8800 | 6.6500 | 7 | -0.35m | -0.32m | -0.39m | 0 | -0.006 | -0.001 | 0.34m | 0.34m | -0.33m | 0.003 | 0.003 | 0.001 |
| 375 | 2 | 4 | -5.1600 | 21.5400 | 6.6500 | 7 | -0.37m | -0.35m | -0.28m | -0.002 | -0.005 | -0.001 | 0.39m | 0.37m | 67.7μ | 0.005 | 0.004 | 0.001 |
| 383 | 2 | 5 | 0.1800 | 0.1800 | 6.6500 | 7 | -0.22m | -0.25m | -0.18m | -0.004 | -0.002 | -0.001 | 0.22m | 0.30m | -23.7μ | 0.003 | 0.001 | 0.001 |
| 391 | 2 | 6 | 0.1800 | 2.7000 | 6.6500 | 7 | -0.22m | -0.25m | -0.26m | -0.005 | -0.005 | -0.001 | 0.19m | 0.32m | -7.07μ | 0.001 | 0 | 0.001 |
| 399 | 2 | 7 | 0.1800 | 7.0000 | 6.6500 | 7 | -0.17m | -0.26m | -0.58m | 0 | 0.003 | -0.001 | 0.24m | 0.28m | -0.56m | 0.003 | 0.006 | 0.001 |
| 401 | 2 | 8 | 0.1800 | 11.4800 | 6.6500 | 7 | -0.27m | -0.27m | -0.56m | 0.002 | -0.009 | -0.001 | 0.21m | 0.27m | -0.53m | 0.005 | -0.003 | 0.001 |
| 403 | 2 | 9 | 0.1800 | 13.9500 | 6.6500 | 7 | -0.28m | -0.26m | -0.44m | 0.002 | -0.007 | -0.001 | 0.24m | 0.27m | -0.42m | 0.004 | -0.003 | 0.001 |
| 405 | 2 | 10 | 0.1800 | 16.3400 | 6.6500 | 7 | -0.28m | -0.26m | -0.25m | -0.002 | -0.003 | -0.001 | 0.30m | 0.29m | 29.5μ | 0.004 | 0.003 | 0.001 |
| 421 | 2 | 11 | 0.1800 | 21.5400 | 6.6500 | 7 | -0.36m | -0.26m | -0.29m | -0.004 | -0.002 | -0.001 | 0.40m | 0.31m | 25.0μ | 0.002 | 0.006 | 0.001 |
| 429 | 2 | 12 | 5.7500 | 0.1800 | 6.6500 | 7 | -0.22m | -0.18m | -0.20m | -0.005 | -0.002 | -0.001 | 0.22m | 0.23m | 27.4μ | 0 | 0.003 | 0.001 |
| 437 | 2 | 13 | 5.7500 | 2.0900 | 6.6500 | 7 | -0.20m | -0.15m | -0.40m | -0.007 | -0.001 | -0.001 | 0.20m | 0.26m | -0.35m | -0.004 | 0.001 | 0.001 |
| 439 | 2 | 14 | 5.7500 | 7.0000 | 6.6500 | 7 | -0.26m | -0.22m | -0.44m | 0.002 | -0.009 | -0.001 | 0.15m | 0.20m | -0.40m | 0.006 | -0.005 | 0.001 |
| 441 | 2 | 15 | 4.9300 | 16.3400 | 6.6500 | 7 | -0.28m | -0.20m | -0.27m | -0.005 | -0.001 | -0.001 | 0.32m | 0.26m | -9.00μ | 0.001 | 0.005 | 0.001 |
| 449 | 2 | 16 | 4.9900 | 21.5400 | 6.6500 | 7 | -0.37m | -0.18m | -0.60m | -0.007 | -0.003 | -0.001 | 0.37m | 0.27m | -0.54m | -0.001 | 0 | 0.001 |
| 451 | 2 | 17 | 8.5200 | 2.0900 | 6.6500 | 7 | -0.22m | -0.18m | -0.26m | -0.003 | -0.004 | -0.001 | 0.18m | 0.23m | -0.22m | 0 | -0.002 | 0.001 |
| 453 | 2 | 18 | 8.5200 | 5.2900 | 6.6500 | 7 | -0.20m | -0.20m | -0.33m | 0 | -0.003 | -0.001 | 0.20m | 0.21m | -0.29m | 0.004 | 0.002 | 0.001 |
| 455 | 2 | 19 | 8.5200 | 7.0000 | 6.6500 | 7 | -0.22m | -0.16m | -0.44m | -0.007 | -0.005 | -0.001 | 0.19m | 0.25m | -0.42m | -0.003 | -0.002 | 0.001 |
| 457 | 2 | 20 | 8.5200 | 11.7000 | 6.6500 | 7 | -0.24m | -0.18m | -0.69m | -0.001 | -0.003 | -0.001 | 0.25m | 0.22m | -0.68m | -0.001 | 0.003 | 0.001 |
| 459 | 2 | 21 | 8.5200 | 16.3400 | 6.6500 | 7 | -0.27m | -0.23m | -0.59m | 0.004 | 0 | -0.001 | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|---------|-----|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|
| 662 | 2 | 34 | 8.5200 | 4.2900 | 6.6500 | 7 | -65.3μ | -0.19m | -0.51m | -0.001 | 0.044 | -0.001 | 0.35m | 0.21m | -0.41m | 0.003 | 0.057 | 0.001 |
| 579 | 2 | 36 | 4.4300 | 16.3400 | 6.6500 | 7 | -0.28m | -0.20m | -0.24m | -0.005 | -0.002 | -0.001 | 0.31m | 0.26m | -31.0μ | 0.002 | 0.004 | 0.001 |
| 673 | 6 | 23 | 12.2900 | 2.0900 | 8.4500 | 7 | -0.19m | -0.30m | -0.26m | -0.007 | -0.001 | -0.001 | 0.38m | 0.35m | -0.21m | -0.002 | 0.004 | 0.003 |
| 675 | 6 | 24 | 12.2900 | 5.2900 | 8.4500 | 7 | -0.25m | -0.34m | -0.30m | 0.002 | -0.003 | -0.001 | 0.30m | 0.31m | -0.24m | 0.007 | 0.002 | 0.003 |
| 678 | 6 | 28 | 13.9500 | 2.0900 | 8.4500 | 7 | -0.19m | -0.29m | -0.18m | -0.005 | -0.001 | -0.001 | 0.38m | 0.39m | -0.15m | 0 | 0.003 | 0.003 |
| 680 | 6 | 29 | 13.9500 | 5.2900 | 8.4500 | 7 | -0.24m | -0.31m | -0.19m | 0 | -0.002 | -0.001 | 0.30m | 0.37m | -0.15m | 0.004 | 0.002 | 0.003 |
| 686 | 6 | 33 | 12.2900 | 3.0900 | 8.4500 | 7 | -0.33m | -0.30m | -0.46m | -0.005 | -0.055 | -0.001 | 0.23m | 0.33m | -0.37m | -0.001 | -0.044 | 0.003 |
| 667 | 6 | 35 | 12.2900 | 4.2900 | 8.4500 | 7 | -0.31m | -0.32m | -0.45m | 0.002 | -0.052 | -0.001 | 0.18m | 0.32m | -0.34m | 0.004 | -0.04 | 0.003 |
| 696 | 3 | 1 | -5.1600 | 13.9500 | 10.2500 | 7 | -0.43m | -0.61m | -0.47m | -0.007 | 0.002 | -0.002 | 0.53m | 0.76m | -0.39m | 0 | 0.007 | 0.002 |
| 698 | 3 | 2 | -5.1600 | 16.6500 | 10.2500 | 7 | -0.54m | -0.61m | -0.52m | -0.001 | -0.005 | -0.002 | 0.57m | 0.72m | -0.50m | 0.001 | 0.003 | 0.002 |
| 700 | 3 | 3 | -5.1600 | 18.8800 | 10.2500 | 7 | -0.60m | -0.62m | -0.50m | 0.001 | -0.005 | -0.002 | 0.64m | 0.69m | -0.42m | 0.004 | 0.004 | 0.002 |
| 702 | 3 | 4 | -5.1600 | 21.5400 | 10.2500 | 7 | -0.67m | -0.64m | -0.34m | -0.002 | -0.004 | -0.002 | 0.73m | 0.73m | 64.5μ | 0.005 | 0.004 | 0.002 |
| 710 | 3 | 5 | 0.1800 | 0.1800 | 10.2500 | 7 | -0.39m | -0.49m | -0.22m | -0.004 | -0.002 | -0.002 | 0.36m | 0.58m | -44.1μ | 0.003 | 0.002 | 0.002 |
| 718 | 3 | 6 | 0.1800 | 2.7000 | 10.2500 | 7 | -0.36m | -0.48m | -0.31m | -0.005 | -0.004 | -0.002 | 0.34m | 0.60m | -23.7μ | 0.001 | 0.001 | 0.002 |
| 726 | 3 | 7 | 0.1800 | 7.0000 | 10.2500 | 7 | -0.34m | -0.47m | -0.77m | -0.003 | 0.001 | -0.002 | 0.37m | 0.59m | -0.74m | 0 | 0.003 | 0.002 |
| 728 | 3 | 8 | 0.1800 | 11.4800 | 10.2500 | 7 | -0.41m | -0.51m | -0.74m | 0.003 | -0.003 | -0.002 | 0.44m | 0.55m | -0.69m | 0.005 | 0.003 | 0.002 |
| 730 | 3 | 9 | 0.1800 | 13.9500 | 10.2500 | 7 | -0.49m | -0.50m | -0.57m | 0.002 | -0.007 | -0.002 | 0.46m | 0.55m | -0.55m | 0.004 | -0.002 | 0.002 |
| 732 | 3 | 10 | 0.1800 | 16.3400 | 10.2500 | 7 | -0.51m | -0.49m | -0.31m | -0.003 | -0.003 | -0.002 | 0.56m | 0.57m | 20.2μ | 0.004 | 0.004 | 0.002 |
| 748 | 3 | 11 | 0.1800 | 21.5400 | 10.2500 | 7 | -0.66m | -0.49m | -0.35m | -0.004 | -0.002 | -0.002 | 0.74m | 0.59m | 11.8μ | 0.003 | 0.006 | 0.002 |
| 756 | 3 | 12 | 5.7500 | 0.1800 | 10.2500 | 7 | -0.39m | -0.35m | -0.25m | -0.006 | -0.002 | -0.002 | 0.37m | 0.44m | 17.3μ | 0 | 0.002 | 0.002 |
| 764 | 3 | 13 | 5.7500 | 2.0900 | 10.2500 | 7 | -0.36m | -0.32m | -0.54m | -0.007 | -0.002 | -0.002 | 0.34m | 0.47m | -0.47m | -0.004 | 0.001 | 0.002 |
| 766 | 3 | 14 | 5.7500 | 7.0000 | 10.2500 | 7 | -0.38m | -0.39m | -0.64m | 0.001 | -0.004 | -0.002 | 0.33m | 0.41m | -0.58m | 0.005 | -0.001 | 0.002 |
| 768 | 3 | 15 | 4.9300 | 16.3400 | 10.2500 | 7 | -0.51m | -0.38m | -0.34m | -0.005 | -0.001 | -0.002 | 0.58m | 0.47m | -44.1μ | 0.002 | 0.005 | 0.002 |
| 776 | 3 | 16 | 4.9900 | 21.5400 | 10.2500 | 7 | -0.66m | -0.37m | -0.78m | -0.005 | -0.002 | -0.002 | 0.71m | 0.47m | -0.70m | 0.001 | 0.001 | 0.002 |
| 778 | 3 | 17 | 8.5200 | 2.0900 | 10.2500 | 7 | -0.38m | -0.35m | -0.35m | -0.002 | -0.005 | -0.002 | 0.31m | 0.42m | -0.28m | 0 | -0.003 | 0.002 |
| 780 | 3 | 18 | 8.5200 | 5.2900 | 10.2500 | 7 | -0.34m | -0.36m | -0.42m | -0.001 | -0.003 | -0.002 | 0.34m | 0.41m | -0.37m | 0.004 | 0.002 | 0.002 |
| 782 | 3 | 19 | 8.5200 | 7.0000 | 10.2500 | 7 | -0.36m | -0.33m | -0.57m | -0.007 | -0.004 | -0.002 | 0.34m | 0.45m | -0.55m | -0.003 | -0.001 | 0.002 |
| 784 | 3 | 20 | 8.5200 | 11.7000 | 10.2500 | 7 | -0.42m | -0.34m | -0.91m | -0.002 | -0.003 | -0.002 | 0.44m | 0.42m | -0.90m | -0.001 | 0.003 | 0.002 |
| 786 | 3 | 21 | 8.5200 | 16.3400 | 10.2500 | 7 | -0.50m | -0.40m | -0.78m | 0.004 | 0 | -0.002 | 0.56m | 0.38m | -0.71m | 0.008 | 0.002 | 0.002 |
| 788 | 3 | 22 | 9.2100 | 21.5400 | 10.2500 | 7 | -0.64m | -0.36m | -0.81m | -0.004 | 0 | -0.002 | 0.73m | 0.44m | -0.76m | 0.001 | 0.005 | 0.002 |
| 1131 | 3 | 23 | 12.2900 | 2.0900 | 10.2500 | 7 | -0.35m | -0.39m | -0.29m | -0.001 | -0.003 | -0.002 | 0.33m | 0.43m | -0.23m | 0.007 | 0.003 | 0.002 |
| 791 | 3 | 24 | 12.2900 | 5.2900 | 10.2500 | 7 | -0.34m | -0.36m | -0.33m | -0.01 | -0.002 | -0.002 | 0.35m | 0.50m | -0.26m | -0.003 | 0.003 | 0.002 |
| 794 | 3 | 25 | 12.2900 | 9.6900 | 10.2500 | 7 | -0.37m | -0.41m | -0.54m | 0.003 | -0.001 | -0.002 | 0.40m | 0.41m | -0.52m | 0.003 | 0.004 | 0.002 |
| 796 | 3 | 26 | 12.2900 | 11.7700 | 10.2500 | 7 | -0.41m | -0.36m | -0.55m | -0.005 | -0.001 | -0.002 | 0.45m | 0.46m | -0.54m | -0.004 | 0.005 | 0.002 |
| 798 | 3 | 27 | 12.2900 | 16.3400 | 10.2500 | 7 | -0.52m | -0.42m | -0.29m | 0.002 | -0.004 | -0.002 | 0.55m | 0.42m | -14.7μ | 0.006 | 0.002 | 0.002 |
| 1133 | 3 | 28 | 13.9500 | 2.0900 | 10.2500 | 7 | -0.35m | -0.41m | -0.20m | -0.003 | -0.003 | -0.002 | 0.33m | 0.45m | -0.17m | 0.006 | 0.004 | 0.002 |
| 1132 | 3 | 29 | 13.9500 | 5.2900 | 10.2500 | 7 | -0.33m | -0.41m | -0.20m | -0.006 | -0.002 | -0.002 | 0.33m | 0.45m | -0.17m | 0.003 | 0.003 | 0.002 |
| 808 | 3 | 30 | 14.3000 | 16.3400 | 10.2500 | 7 | -0.52m | -0.43m | -0.24m | -0.003 | -0.004 | -0.002 | 0.56m | 0.46m | -53.2μ | 0.003 | 0.004 | 0.002 |
| 816 | 3 | 31 | 14.3000 | 21.5400 | 10.2500 | 7 | -0.70m | -0.43m | -0.32m | -0.003 | -0.009 | -0.002 | 0.70m | 0.47m | 11.4μ | 0.002 | 0 | 0.002 |
| 693 | 3 | 32 | 8.5200 | 3.0900 | 10.2500 | 7 | -0.21m | -0.34m | -0.50m | -0.004 | 0.037 | -0.002 | 0.42m | 0.42m | -0.39m | -0.002 | 0.049 | 0.002 |
| 989 | 3 | 34 | 8.5200 | 4.2900 | 10.2500 | 7 | -0.20m | -0.35m | -0.59m | -0.001 | 0.047 | -0.002 | 0.49m | 0.41m | -0.48m | 0.003 | 0.06 | 0.002 |
| 906 | 3 | 36 | 4.4300 | 16.3400 | 10.2500 | 7 | -0.51m | -0.39m | -0.31m | -0.005 | -0.001 | -0.002 | 0.57m | 0.48m | -64.9μ | 0.002 | 0.005 | 0.002 |
| 1000 | 7 | 23 | 12.2900 | 2.0900 | 12.0500 | 7 | -0.34m | -0.50m | -0.30m | -0.007 | 0 | -0.002 | 0.55m | 0.56m | -0.24m | -0.001 | 0.005 | 0.004 |
| 1002 | 7 | 24 | 12.2900 | 5.2900 | 12.0500 | 7 | -0.38m | -0.54m | -0.35m | 0.003 | -0.002 | -0.002 | 0.45m | 0.51m | -0.27m | 0.008 | 0.002 | 0.004 |
| 1005 | 7 | 28 | 13.9500 | 2.0900 | 12.0500 | 7 | -0.34m | -0.51m | -0.21m | -0.005 | 0 | -0.002 | 0.55m | 0.62m | -0.18m | 0 | 0.005 | 0.004 |
| 1007 | 7 | 29 | 13.9500 | 5.2900 | 12.0500 | 7 | -0.37m | -0.53m | -0.22m | -0.001 | -0.002 | -0.002 | 0.45m | 0.60m | -0.17m | 0.004 | 0.003 | 0.004 |
| 1013 | 7 | 33 | 12.2900 | 3.0900 | 12.0500 | 7 | -0.48m | -0.50m | -0.50m | -0.005 | -0.057 | -0.002 | 0.37m | 0.54m | -0.40m | -0.002 | -0.048 | 0.004 |
| 994 | 7 | 35 | 12.2900 | 4.2900 | 12.0500 | 7 | -0.46m | -0.51m | -0.51m | 0.001 | -0.057 | -0.002 | 0.31m | 0.52m | -0.40m | 0.004 | -0.045 | 0.004 |
| 1023 | 4 | 1 | -5.1600 | 13.9500 | 13.8500 | 7 | -0.62m | -0.87m | -0.51m | -0.007 | 0.004 | -0.003 | 0.75m | 1.13m | -0.43m | -0.002 | 0.007 | 0.003 |
| 1025 | 4 | 2 | -5.1600 | 16.6500 | 13.8500 | 7 | -0.80m | -0.89m | -0.57m | -0.001 | -0.008 | -0.003 | 0.80m | 1.08m | -0.55m | 0 | -0.001 | 0.003 |
| 1027 | 4 | 3 | -5.1600 | 18.8800 | 13.8500 | 7 | -0.88m | -0.90m | -0.55m | 0.002 | -0.008 | -0.003 | 0.91m | 1.04m | -0.46m | 0.006 | 0.001 | 0.003 |
| 1029 | 4 | 4 | -5.1600 | 21.5400 | 13.8500 | 7 | -0.96m | -0.92m | -0.36m | 0.002 | -0.004 | -0.003 | 1.06m | 1.06m | 53.7μ | 0.006 | 0.004 | 0.003 |
| 1037 | 4 | 5 | 0.1800 | 0.1800 | 13.8500 | 7 | -0.56m | -0.71m | -0.24m | -0.005 | -0.003 | -0.003 | 0.50m | 0.87m | -53.5μ | 0.002 | 0.001 | 0.003 |
| 1045 | 4 | 6 | 0.1800 | 2.7000 | 13.8500 | 7 | -0.53m | -0.68m | -0.34m | -0.008 | -0.006 | -0.003 | 0.44m | 0.90m | -48.4μ | -0.002 | -0.002 | 0.003 |
| 1053 | 4 | 7 | 0.1800 | 7.0000 | 13.8500 | 7 | -0.44m | -0.68m | -0.87m | -0.003 | 0.006 | -0.003 | 0.55m | 0.87m | -0.83m | -0.002 | 0.008 | 0.003 |
| 1055 | 4 | 8 | 0.1800 | 11.4800 | 13.8500 | 7 | -0.65m | -0.74m | -0.82m | 0.005 | -0.012 | -0.003 | 0.56m | 0.82m | -0.77m | 0.006 | -0.006 | 0.003 |
| 1057 | 4 | 9 | 0.1800 | 13.9500 | 13.8500 | 7 | -0.68m | -0.73m | -0.63m | 0.005 | -0.005 | -0.003 | 0.68m | 0.82m | -0.60m | 0.005 | -0.003 | 0.003 |
| 1059 | 4 | 10 | 0.1800 | 16.3400 | 13.8500 | 7 | -0.73m | -0.71m | -0.32m | 0 | -0.001 | -0.003 | 0.80m | 0.85m | 0.26μ | 0.003 | 0.003 | 0.003 |
| 1075 | 4 | 11 | 0.1800 | 21.5400 | 13.8500 | 7 | -0.93m | -0.71m | -0.38m | -0.005 | 0 | -0.003 | 1.08m | 0.88m | -6.14μ | 0.002 | 0.007 | 0.003 |
| 1083 | 4 | 12 | 5.7500 | 0.1800 | 13.8500 | 7 | -0.55m | -0.51m | -0.26m | -0.005 | -0.001 | -0.003 | 0.50m | 0.65m | 4.74μ | -0.002 | 0.001 | 0.003 |
| 1091 | 4 | 13 | 5.7500 | 2.0900 | 13.8500 | 7 | -0.53m | -0.45m | -0.61m | -0.011 | -0.004 | -0.003 | 0.45m | 0.72m | -0.52m | -0.008 | -0.002 | 0.003 |
| 1093 | 4 | 14 | 5.7500 | 7.0000 | 13.8500 | 7 | -0.57m | -0.59m | -0.74m | 0.005 | -0.01 | -0.003 | 0.43m | 0.59m | -0.67m | 0.008 | -0.007 | 0.003 |
| 1095 | 4 | 15 | 4.9300 | 16.3400 | 13.8500 | 7 | -0.72m | -0.52m | -0.38m | -0.01 | 0.001 | -0.003 | 0.84m | 0.72m | -82.1μ | -0.003 | 0.007 | 0.003 |
| 1103 | 4 | 16 | 4.9900 | 21.5400 | 13.8500 | 7 | -0.94m | -0.52m | -0.86m | -0.011 | -0.002 | -0.003 | 1.04m | 0.73m | -0.77m | -0.002 | 0.001 | 0.003 |
| 1105 | 4 | 17 | 8.5200 | 2.0900 | 13.8500 | 7 | -0.54m | -0.50m | -0.38m | -0.003 | -0.005 | -0.003 | 0.44m | 0.62m | -0.31m | 0 | -0.003 | 0.003 |
| 1107 | 4 | 18 | 8.5200 | 5.2900 | 13.8500 | 7 | -0.49m | -0.50m | -0.46m | -0.003 | -0.003 | -0.003 | 0.46m | 0.61m | -0.40m | -0.001 | 0.001 | 0.003 |
| 1109 | 4 | 19 | 8.5200 | 7.0000 | 13.8500 | 7</ | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|--------|---------|---------|---|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|
| 2117 | 9 | 10 | 0.1800 | 16.3400 | 16.2500 | 7 | -0.89m | -0.91m | -0.32m | -0.006 | -0.01 | -0.003 | 1.01m | 0.94m | -2.38μ | 0.008 | 0.011 | 0.003 |
| 1007 | 9 | 12 | 5.7500 | 0.1800 | 16.2500 | 7 | -0.67m | -0.50m | -0.26m | -0.008 | -0.004 | -0.003 | 0.64m | 0.91m | 2.14μ | 0.002 | 0.005 | 0.003 |
| 1008 | 9 | 13 | 5.7500 | 2.0900 | 16.2500 | 7 | -0.78m | -0.18m | -0.61m | -0.02 | -0.01 | -0.003 | 0.46m | 1.28m | -0.53m | 0 | 0.004 | 0.003 |
| 1164 | 9 | 14 | 5.7500 | 7.0000 | 16.2500 | 7 | -1.01m | -0.99m | -0.74m | 0.001 | -0.012 | -0.003 | 0.16m | 0.45m | -0.68m | 0.012 | -0.005 | 0.003 |
| 1711 | 9 | 15 | 4.9300 | 16.3400 | 16.2500 | 7 | -0.79m | -0.46m | -0.39m | -0.012 | -0.011 | -0.003 | 1.26m | 1.18m | -84.7μ | 0 | 0.019 | 0.003 |
| 1662 | 9 | 16 | 4.9900 | 21.5400 | 16.2500 | 7 | -1.09m | -0.53m | -0.86m | -0.014 | -0.012 | -0.003 | 1.18m | 1.26m | -0.77m | 0.001 | 0.011 | 0.003 |
| 1142 | 9 | 17 | 8.5200 | 2.0900 | 16.2500 | 7 | -0.83m | -0.54m | -0.38m | -0.006 | -0.011 | -0.003 | 0.37m | 0.79m | -0.31m | 0.002 | 0.002 | 0.003 |
| 1144 | 9 | 19 | 8.5200 | 7.0000 | 16.2500 | 7 | -0.92m | -0.18m | -0.65m | -0.013 | -0.012 | -0.003 | 0.50m | 1.14m | -0.62m | -0.004 | 0.003 | 0.003 |
| 1086 | 9 | 20 | 8.5200 | 11.7000 | 16.2500 | 7 | -0.82m | -0.57m | -1.03m | -0.007 | -0.008 | -0.003 | 0.85m | 0.84m | -1.02m | 0.004 | 0.008 | 0.003 |
| 1080 | 9 | 21 | 8.5200 | 16.3400 | 16.2500 | 7 | -0.71m | -1.16m | -0.87m | 0.004 | -0.006 | -0.003 | 0.93m | 0.24m | -0.80m | 0.017 | 0.009 | 0.003 |
| 1222 | 9 | 22 | 9.2100 | 21.5400 | 16.2500 | 7 | -1.02m | -0.46m | -0.90m | -0.015 | -0.005 | -0.003 | 1.28m | 1.26m | -0.84m | 0 | 0.009 | 0.003 |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Famiglia Cmb. 8) Sismica SLV

| Nodo | | | | | | Min. | | | | | | Max. | | | | | | |
|----------|-------|------|---------|---------|--------|----------|--------|--------|--------|-----------|-----------|-----------|--------|--------|--------|-----------|-----------|-----------|
| Nodo FEM | Piano | Filo | x[m] | y[m] | z[m] | Fam.Cmb. | sx [m] | sy [m] | sz [m] | rot x [°] | rot y [°] | rot z [°] | sx [m] | sy [m] | sz [m] | rot x [°] | rot y [°] | rot z [°] |
| 1935 | 0 | 1 | -5.1600 | 13.9500 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1938 | 0 | 2 | -5.1600 | 16.6500 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1939 | 0 | 3 | -5.1600 | 18.8800 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 4 | -5.1600 | 21.5400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 662 | 0 | 5 | 0.1800 | 0.1800 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 654 | 0 | 6 | 0.1800 | 2.7000 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 478 | 0 | 7 | 0.1800 | 7.0000 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 480 | 0 | 8 | 0.1800 | 11.4800 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1936 | 0 | 9 | 0.1800 | 13.9500 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | 0 | 10 | 0.1800 | 16.3400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80 | 0 | 11 | 0.1800 | 21.5400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 588 | 0 | 12 | 5.7500 | 0.1800 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1091 | 0 | 13 | 5.7500 | 2.0900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 363 | 0 | 14 | 5.7500 | 7.0000 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 297 | 0 | 15 | 4.9300 | 16.3400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1657 | 0 | 16 | 4.9900 | 21.5400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1096 | 0 | 17 | 8.5200 | 2.0900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1095 | 0 | 18 | 8.5200 | 5.2900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1082 | 0 | 19 | 8.5200 | 7.0000 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1083 | 0 | 20 | 8.5200 | 11.7000 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1078 | 0 | 21 | 8.5200 | 16.3400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1655 | 0 | 22 | 9.2100 | 21.5400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1102 | 0 | 23 | 12.2900 | 2.0900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 24 | 12.2900 | 5.2900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1112 | 0 | 25 | 12.2900 | 9.6900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1115 | 0 | 26 | 12.2900 | 11.7700 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1463 | 0 | 27 | 12.2900 | 16.3400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1104 | 0 | 28 | 13.9500 | 2.0900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1106 | 0 | 29 | 13.9500 | 5.2900 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1476 | 0 | 30 | 14.3000 | 16.3400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1535 | 0 | 31 | 14.3000 | 21.5400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 490 | 0 | 36 | 4.4300 | 16.3400 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 384 | 0 | 37 | 4.4300 | 7.0000 | 0.0000 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | -5.1600 | 13.9500 | 3.0500 | 8 | -0.23m | -0.28m | -0.23m | -0.01 | -0.001 | -0.001 | 0.30m | 0.33m | -0.13m | 0.003 | 0.01 | 0.001 |
| 3 | 1 | 2 | -5.1600 | 16.6500 | 3.0500 | 8 | -0.33m | -0.28m | -0.22m | -0.001 | -0.012 | -0.001 | 0.30m | 0.27m | -0.20m | 0.002 | 0.007 | 0.001 |
| 6 | 1 | 3 | -5.1600 | 18.8800 | 3.0500 | 8 | -0.36m | -0.26m | -0.25m | -0.002 | -0.013 | -0.001 | 0.34m | 0.26m | -0.14m | 0.003 | 0.008 | 0.001 |
| 9 | 1 | 4 | -5.1600 | 21.5400 | 3.0500 | 8 | -0.39m | -0.32m | -0.44m | -0.006 | -0.012 | -0.001 | 0.39m | 0.31m | 0.32m | 0.01 | 0.01 | 0.001 |
| 17 | 1 | 5 | 0.1800 | 0.1800 | 3.0500 | 8 | -0.24m | -0.22m | -0.22m | -0.005 | -0.003 | -0.001 | 0.25m | 0.23m | 0.12m | 0.005 | 0.002 | 0.001 |
| 25 | 1 | 6 | 0.1800 | 2.7000 | 3.0500 | 8 | -0.24m | -0.24m | -0.34m | -0.01 | -0.007 | -0.001 | 0.26m | 0.27m | 0.19m | 0.006 | 0.007 | 0.001 |
| 33 | 1 | 7 | 0.1800 | 7.0000 | 3.0500 | 8 | -0.22m | -0.21m | -0.27m | -0.002 | -0.004 | -0.001 | 0.23m | 0.21m | -0.24m | 0.002 | 0.004 | 0.001 |
| 36 | 1 | 8 | 0.1800 | 11.4800 | 3.0500 | 8 | -0.22m | -0.22m | -0.30m | 0.001 | -0.004 | -0.001 | 0.28m | 0.20m | -0.25m | 0.004 | 0.011 | 0.001 |
| 39 | 1 | 9 | 0.1800 | 13.9500 | 3.0500 | 8 | -0.27m | -0.21m | -0.25m | -0.001 | -0.009 | -0.001 | 0.24m | 0.20m | -0.22m | 0.002 | 0.002 | 0.001 |
| 42 | 1 | 10 | 0.1800 | 16.3400 | 3.0500 | 8 | -0.27m | -0.23m | -0.34m | -0.007 | -0.008 | -0.001 | 0.28m | 0.23m | 0.23m | 0.009 | 0.007 | 0.001 |
| 58 | 1 | 11 | 0.1800 | 21.5400 | 3.0500 | 8 | -0.37m | -0.25m | -0.39m | -0.01 | -0.008 | -0.001 | 0.40m | 0.27m | 0.25m | 0.008 | 0.012 | 0.001 |
| 66 | 1 | 12 | 5.7500 | 0.1800 | 3.0500 | 8 | -0.23m | -0.14m | -0.30m | -0.003 | -0.003 | -0.001 | 0.25m | 0.16m | 0.20m | 0.001 | 0.004 | 0.001 |
| 74 | 1 | 13 | 5.7500 | 2.0900 | 3.0500 | 8 | -0.23m | -0.13m | -0.21m | -0.007 | -0.003 | -0.001 | 0.25m | 0.20m | -0.14m | -0.001 | 0.005 | 0.001 |
| 77 | 1 | 14 | 5.7500 | 7.0000 | 3.0500 | 8 | -0.17m | -0.20m | -0.19m | 0.004 | 0.002 | -0.001 | 0.26m | 0.12m | -89.5μ | 0.009 | 0.009 | 0.001 |
| 85 | 1 | 15 | 4.9300 | 16.3400 | 3.0500 | 8 | -0.29m | -0.16m | -0.32m | -0.005 | -0.006 | -0.001 | 0.31m | 0.18m | 0.19m | 0.002 | 0.008 | 0.001 |
| 93 | 1 | 16 | 4.9900 | 21.5400 | 3.0500 | 8 | -0.33m | -0.17m | -0.35m | -0.008 | -0.004 | -0.001 | 0.32m | 0.20m | -0.27m | 0.004 | 0 | 0.001 |
| 96 | 1 | 17 | 8.5200 | 2.0900 | 3.0500 | 8 | -0.24m | -0.16m | -0.16m | -0.005 | -0.005 | -0.001 | 0.22m | 0.20m | -85.8μ | 0.001 | 0.001 | 0.001 |
| 99 | 1 | 18 | 8.5200 | 5.2900 | 3.0500 | 8 | -0.22m | -0.19m | -0.21m | -0.003 | -0.008 | -0.001 | 0.22m | 0.17m | -0.13m | 0.01 | 0.006 | 0.001 |
| 102 | 1 | 19 | 8.5200 | 7.0000 | 3.0500 | 8 | -0.21m | -0.14m | -0.24m | -0.009 | -0.004 | -0.001 | 0.23m | 0.22m | -0.21m | -0.002 | 0.004 | 0.001 |
| 105 | 1 | 20 | 8.5200 | 11.7000 | 3.0500 | 8 | -0.25m | -0.15m | -0.36m | -0.002 | -0.007 | -0.001 | 0.26m | 0.18m | -0.35m | 0 | 0.007 | 0.001 |
| 108 | 1 | 21 | 8.5200 | 16.3400 | 3.0500 | 8 | -0.25m | -0.23m | -0.35m | 0.004 | -0.001 | -0.001 | 0.28m | 0.13m | -0.26m | 0.012 | 0.004 | 0.001 |
| 111 | 1 | 22 | 9.2100 | 21.5400 | 3.0500 | 8 | -0.31m | -0.19m | -0.35m | -0.008 | 0 | -0.001 | 0.36m | 0.22m | -0.30m | 0.004 | 0.006 | 0.001 |
| 1103 | 1 | 23 | 12.2900 | 2.0900 | 3.0500 | 8 | -0.20m | -0.18m | -0.16m | -0.007 | -0.005 | -0.001 | 0.22m | 0.20m | -70.6μ | 0.011 | 0.014 | 0.001 |
| 116 | 1 | 24 | 12.2900 | 5.2900 | 3.0500 | 8 | -0.21m | -0.17m | -0.20m | -0.01 | -0.003 | -0.001 | 0.26m | 0.26m | -83.2μ | -0.002 | 0.008 | 0.001 |
| 120 | 1 | 25 | 12.2900 | 9.6900 | 3.0500 | 8 | -0.23m | -0.20m | -0.24m | 0.002 | -0.006 | -0.001 | 0.26m | 0.18m | -0.21m | 0.003 | 0.008 | 0.001 |
| 123 | 1 | 26 | 12.2900 | 11.7700 | 3.0500 | 8 | -0.24m | -0.16m | -0.24m | -0.005 | -0.006 | -0.001 | 0.27m | 0.22m | -0.22m | -0.002 | 0.009 | 0.001 |
| 126 | 1 | 27 | 12.2900 | 16.3400 | 3.0500 | 8 | -0.29m | -0.23m | -0.32m | -0.001 | -0.009 | -0.001 | 0.29m | 0.20m | 0.18m | 0.008 | 0.006 | 0.001 |
| 1105 | 1 | 28 | 13.9500 | 2.0900 | 3.0500 | 8 | -0.20m | -0.20m | -0.10m | -0.011 | -0.005 | -0.001 | 0.22m | 0.21m | -61.7μ | 0.01 | 0.015 | 0.001 |
| 1107 | 1 | 29 | 13.9500 | 5.2900 | 3.0500 | 8 | -0.19m | -0.20m | -0.11m | -0.013 | -0.005 | -0.001 | 0.20m | 0.21m | -53.3μ | 0.009 | 0.01 | 0.001 |
| 138 | 1 | 30 | 14.3000 | 16.3400 | 3.0500 | 8 | -0.28m | -0.24m | -0.24m | -0.007 | -0.01 | -0.001 | 0.29m | 0.24m | 0.12m | 0.008 | 0.01 | 0.001 |
| 146 | 1 | 31 | 14.3000 | 21.5400 | 3.0500 | 8 | -0.40m | -0.25m | -0.38m | -0.009 | -0.014 | -0.001 | 0.36m | 0.28m | 0.24m | 0.007 | 0.006 | 0.001 |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|---------|---|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|
| 312 | 1 | 32 | 8.5200 | 3.0900 | 3.0500 | 8 | -0.16m | -0.11m | -0.32m | -0.012 | 0.008 | -0.001 | 0.34m | 0.17m | -0.17m | 0 | 0.03 | 0.001 |
| 306 | 1 | 34 | 8.5200 | 4.2900 | 3.0500 | 8 | -0.11m | -0.17m | -0.48m | -0.003 | 0.028 | -0.001 | 0.40m | 0.17m | -0.22m | 0.007 | 0.073 | 0.001 |
| 236 | 1 | 36 | 4.4300 | 16.3400 | 3.0500 | 8 | -0.27m | -0.16m | -0.24m | -0.006 | -0.006 | -0.001 | 0.29m | 0.18m | 0.12m | 0.004 | 0.007 | 0.001 |
| 293 | 1 | 37 | 4.4300 | 7.0000 | 3.0500 | 8 | -0.19m | -0.15m | -79.1μ | 0 | 0 | -0.001 | 0.22m | 0.15m | 28.7μ | 0.001 | 0.004 | 0.001 |
| 346 | 5 | 23 | 12.2900 | 2.0900 | 4.8500 | 8 | -0.38m | -0.47m | -0.22m | -0.013 | -0.007 | -0.002 | 0.62m | 0.50m | -98.2μ | 0.004 | 0.008 | 0.004 |
| 348 | 5 | 24 | 12.2900 | 5.2900 | 4.8500 | 8 | -0.42m | -0.52m | -0.28m | -0.004 | -0.01 | -0.002 | 0.50m | 0.47m | -0.10m | 0.013 | 0.007 | 0.004 |
| 351 | 5 | 28 | 13.9500 | 2.0900 | 4.8500 | 8 | -0.38m | -0.48m | -0.14m | -0.009 | -0.007 | -0.002 | 0.62m | 0.56m | -85.4μ | 0.005 | 0.008 | 0.004 |
| 353 | 5 | 29 | 13.9500 | 5.2900 | 4.8500 | 8 | -0.40m | -0.49m | -0.16m | -0.005 | -0.008 | -0.002 | 0.50m | 0.54m | -73.4μ | 0.009 | 0.008 | 0.004 |
| 359 | 5 | 33 | 12.2900 | 3.0900 | 4.8500 | 8 | -0.53m | -0.46m | -0.48m | -0.009 | -0.072 | -0.002 | 0.46m | 0.47m | -0.19m | 0.003 | -0.031 | 0.004 |
| 307 | 5 | 35 | 12.2900 | 4.2900 | 4.8500 | 8 | -0.42m | -0.46m | -0.50m | -0.001 | -0.068 | -0.002 | 0.33m | 0.45m | -0.13m | 0.006 | -0.025 | 0.004 |
| 369 | 2 | 1 | -5.1600 | 13.9500 | 6.6500 | 8 | -0.93m | -1.26m | -0.44m | -0.014 | -0.004 | -0.004 | 1.01m | 1.35m | -0.23m | 0.008 | 0.013 | 0.004 |
| 371 | 2 | 2 | -5.1600 | 16.6500 | 6.6500 | 8 | -1.14m | -1.23m | -0.41m | -0.002 | -0.016 | -0.004 | 1.13m | 1.27m | -0.37m | 0.003 | 0.013 | 0.004 |
| 373 | 2 | 3 | -5.1600 | 18.8800 | 6.6500 | 8 | -1.27m | -1.21m | -0.46m | -0.003 | -0.019 | -0.004 | 1.26m | 1.22m | -0.25m | 0.006 | 0.015 | 0.004 |
| 375 | 2 | 4 | -5.1600 | 21.5400 | 6.6500 | 8 | -1.40m | -1.30m | -0.74m | -0.011 | -0.016 | -0.004 | 1.41m | 1.32m | 0.53m | 0.014 | 0.015 | 0.004 |
| 383 | 2 | 5 | 0.1800 | 0.1800 | 6.6500 | 8 | -0.79m | -1.00m | -0.39m | -0.012 | -0.007 | -0.004 | 0.78m | 1.04m | 0.19m | 0.011 | 0.006 | 0.004 |
| 391 | 2 | 6 | 0.1800 | 2.7000 | 6.6500 | 8 | -0.76m | -1.00m | -0.60m | -0.014 | -0.011 | -0.004 | 0.73m | 1.07m | 0.33m | 0.009 | 0.007 | 0.004 |
| 399 | 2 | 7 | 0.1800 | 7.0000 | 6.6500 | 8 | -0.70m | -0.99m | -0.60m | -0.004 | 0 | -0.004 | 0.77m | 1.01m | -0.53m | 0.006 | 0.009 | 0.004 |
| 401 | 2 | 8 | 0.1800 | 11.4800 | 6.6500 | 8 | -0.91m | -1.00m | -0.60m | -0.002 | -0.017 | -0.004 | 0.85m | 0.99m | -0.49m | 0.008 | 0.006 | 0.004 |
| 403 | 2 | 9 | 0.1800 | 13.9500 | 6.6500 | 8 | -0.98m | -0.98m | -0.47m | -0.001 | -0.012 | -0.004 | 0.93m | 0.98m | -0.40m | 0.006 | 0.002 | 0.004 |
| 405 | 2 | 10 | 0.1800 | 16.3400 | 6.6500 | 8 | -1.06m | -0.99m | -0.64m | -0.011 | -0.011 | -0.004 | 1.08m | 1.02m | 0.41m | 0.012 | 0.012 | 0.004 |
| 421 | 2 | 11 | 0.1800 | 21.5400 | 6.6500 | 8 | -1.38m | -1.01m | -0.71m | -0.013 | -0.013 | -0.004 | 1.42m | 1.06m | 0.44m | 0.011 | 0.017 | 0.004 |
| 429 | 2 | 12 | 5.7500 | 0.1800 | 6.6500 | 8 | -0.78m | -0.72m | -0.50m | -0.013 | -0.008 | -0.004 | 0.78m | 0.77m | 0.32m | 0.008 | 0.008 | 0.004 |
| 437 | 2 | 13 | 5.7500 | 2.0900 | 6.6500 | 8 | -0.73m | -0.69m | -0.46m | -0.01 | -0.004 | -0.004 | 0.73m | 0.80m | -0.30m | -0.001 | 0.004 | 0.004 |
| 439 | 2 | 14 | 5.7500 | 7.0000 | 6.6500 | 8 | -0.81m | -0.78m | -0.49m | -0.003 | -0.013 | -0.004 | 0.70m | 0.75m | -0.35m | 0.011 | -0.001 | 0.004 |
| 441 | 2 | 15 | 4.9300 | 16.3400 | 6.6500 | 8 | -1.08m | -0.80m | -0.62m | -0.014 | -0.009 | -0.004 | 1.12m | 0.86m | 0.34m | 0.01 | 0.013 | 0.004 |
| 449 | 2 | 16 | 4.9900 | 21.5400 | 6.6500 | 8 | -1.35m | -0.78m | -0.66m | -0.016 | -0.008 | -0.004 | 1.35m | 0.87m | -0.49m | 0.008 | 0.005 | 0.004 |
| 451 | 2 | 17 | 8.5200 | 2.0900 | 6.6500 | 8 | -0.75m | -0.71m | -0.32m | -0.006 | -0.007 | -0.004 | 0.70m | 0.76m | -0.16m | 0.004 | 0 | 0.004 |
| 453 | 2 | 18 | 8.5200 | 5.2900 | 6.6500 | 8 | -0.72m | -0.73m | -0.38m | -0.006 | -0.01 | -0.004 | 0.72m | 0.75m | -0.24m | 0.01 | 0.008 | 0.004 |
| 455 | 2 | 19 | 8.5200 | 7.0000 | 6.6500 | 8 | -0.76m | -0.70m | -0.45m | -0.011 | -0.01 | -0.004 | 0.73m | 0.80m | -0.40m | 0.001 | 0.003 | 0.004 |
| 457 | 2 | 20 | 8.5200 | 11.7000 | 6.6500 | 8 | -0.89m | -0.70m | -0.70m | -0.003 | -0.011 | -0.004 | 0.90m | 0.75m | -0.67m | 0.001 | 0.011 | 0.004 |
| 459 | 2 | 21 | 8.5200 | 16.3400 | 6.6500 | 8 | -1.03m | -0.78m | -0.66m | 0 | -0.002 | -0.004 | 1.05m | 0.73m | -0.48m | 0.012 | 0.003 | 0.004 |
| 461 | 2 | 22 | 9.2100 | 21.5400 | 6.6500 | 8 | -1.33m | -0.76m | -0.66m | -0.016 | -0.006 | -0.004 | 1.39m | 0.84m | -0.55m | 0.008 | 0.011 | 0.004 |
| 1094 | 2 | 23 | 12.2900 | 2.0900 | 6.6500 | 8 | -0.70m | -0.77m | -0.29m | -0.01 | -0.009 | -0.004 | 0.70m | 0.80m | -0.13m | 0.016 | 0.009 | 0.004 |
| 464 | 2 | 24 | 12.2900 | 5.2900 | 6.6500 | 8 | -0.74m | -0.80m | -0.34m | -0.016 | -0.008 | -0.004 | 0.76m | 0.91m | -0.13m | 0.004 | 0.009 | 0.004 |
| 467 | 2 | 25 | 12.2900 | 9.6900 | 6.6500 | 8 | -0.79m | -0.80m | -0.43m | 0.002 | -0.007 | -0.004 | 0.83m | 0.78m | -0.39m | 0.005 | 0.012 | 0.004 |
| 469 | 2 | 26 | 12.2900 | 11.7700 | 6.6500 | 8 | -0.87m | -0.75m | -0.45m | -0.006 | -0.008 | -0.004 | 0.91m | 0.84m | -0.41m | -0.003 | 0.014 | 0.004 |
| 471 | 2 | 27 | 12.2900 | 16.3400 | 6.6500 | 8 | -1.07m | -0.83m | -0.55m | -0.003 | -0.011 | -0.004 | 1.08m | 0.82m | 0.31m | 0.011 | 0.008 | 0.004 |
| 1108 | 2 | 28 | 13.9500 | 2.0900 | 6.6500 | 8 | -0.70m | -0.82m | -0.18m | -0.014 | -0.009 | -0.004 | 0.70m | 0.85m | -0.11m | 0.016 | 0.01 | 0.004 |
| 1101 | 2 | 29 | 13.9500 | 5.2900 | 6.6500 | 8 | -0.69m | -0.82m | -0.20m | -0.017 | -0.009 | -0.004 | 0.69m | 0.85m | -93.6μ | 0.013 | 0.01 | 0.004 |
| 481 | 2 | 30 | 14.3000 | 16.3400 | 6.6500 | 8 | -1.06m | -0.87m | -0.41m | -0.009 | -0.014 | -0.004 | 1.08m | 0.89m | 0.18m | 0.009 | 0.014 | 0.004 |
| 489 | 2 | 31 | 14.3000 | 21.5400 | 6.6500 | 8 | -1.42m | -0.88m | -0.65m | -0.009 | -0.019 | -0.004 | 1.38m | 0.92m | 0.40m | 0.008 | 0.01 | 0.004 |
| 366 | 2 | 32 | 8.5200 | 3.0900 | 6.6500 | 8 | -0.50m | -0.69m | -0.57m | -0.006 | 0.023 | -0.004 | 0.74m | 0.74m | -0.19m | 0 | 0.068 | 0.004 |
| 662 | 2 | 34 | 8.5200 | 4.2900 | 6.6500 | 8 | -0.60m | -0.71m | -0.63m | -0.005 | 0.028 | -0.004 | 0.88m | 0.74m | -0.29m | 0.007 | 0.073 | 0.004 |
| 579 | 2 | 36 | 4.4300 | 16.3400 | 6.6500 | 8 | -1.08m | -0.82m | -0.51m | -0.014 | -0.01 | -0.004 | 1.11m | 0.88m | 0.24m | 0.011 | 0.012 | 0.004 |
| 673 | 6 | 23 | 12.2900 | 2.0900 | 8.4500 | 8 | -0.91m | -1.15m | -0.33m | -0.014 | -0.007 | -0.005 | 1.11m | 1.20m | -0.15m | 0.006 | 0.01 | 0.007 |
| 675 | 6 | 24 | 12.2900 | 5.2900 | 8.4500 | 8 | -0.97m | -1.19m | -0.39m | -0.004 | -0.01 | -0.005 | 1.02m | 1.16m | -0.15m | 0.013 | 0.008 | 0.007 |
| 678 | 6 | 28 | 13.9500 | 2.0900 | 8.4500 | 8 | -0.91m | -1.18m | -0.21m | -0.01 | -0.007 | -0.005 | 1.10m | 1.27m | -0.12m | 0.006 | 0.009 | 0.007 |
| 680 | 6 | 29 | 13.9500 | 5.2900 | 8.4500 | 8 | -0.96m | -1.20m | -0.23m | -0.006 | -0.009 | -0.005 | 1.01m | 1.26m | -0.11m | 0.01 | 0.008 | 0.007 |
| 686 | 6 | 33 | 12.2900 | 3.0900 | 8.4500 | 8 | -1.04m | -1.13m | -0.58m | -0.01 | -0.069 | -0.005 | 0.94m | 1.16m | -0.25m | 0.003 | -0.029 | 0.007 |
| 667 | 6 | 35 | 12.2900 | 4.2900 | 8.4500 | 8 | -0.96m | -1.14m | -0.59m | -0.001 | -0.067 | -0.005 | 0.83m | 1.14m | -0.20m | 0.006 | -0.025 | 0.007 |
| 696 | 3 | 1 | -5.1600 | 13.9500 | 10.2500 | 8 | -1.71m | -2.44m | -0.57m | -0.016 | -0.004 | -0.008 | 1.81m | 2.59m | -0.30m | 0.01 | 0.014 | 0.008 |
| 698 | 3 | 2 | -5.1600 | 16.6500 | 10.2500 | 8 | -2.03m | -2.39m | -0.54m | -0.003 | -0.015 | -0.008 | 2.06m | 2.50m | -0.48m | 0.003 | 0.014 | 0.008 |
| 700 | 3 | 3 | -5.1600 | 18.8800 | 10.2500 | 8 | -2.26m | -2.37m | -0.60m | -0.003 | -0.017 | -0.008 | 2.29m | 2.45m | -0.32m | 0.008 | 0.016 | 0.008 |
| 702 | 3 | 4 | -5.1600 | 21.5400 | 10.2500 | 8 | -2.55m | -2.47m | -0.88m | -0.013 | -0.016 | -0.008 | 2.61m | 2.56m | 0.60m | 0.016 | 0.016 | 0.008 |
| 710 | 3 | 5 | 0.1800 | 0.1800 | 10.2500 | 8 | -1.36m | -1.92m | -0.46m | -0.014 | -0.007 | -0.008 | 1.33m | 2.02m | 0.19m | 0.013 | 0.007 | 0.008 |
| 718 | 3 | 6 | 0.1800 | 2.7000 | 10.2500 | 8 | -1.27m | -1.92m | -0.69m | -0.014 | -0.01 | -0.008 | 1.25m | 2.04m | 0.36m | 0.01 | 0.008 | 0.008 |
| 726 | 3 | 7 | 0.1800 | 7.0000 | 10.2500 | 8 | -1.27m | -1.89m | -0.81m | -0.008 | -0.003 | -0.008 | 1.30m | 2.01m | -0.71m | 0.005 | 0.007 | 0.008 |
| 728 | 3 | 8 | 0.1800 | 11.4800 | 10.2500 | 8 | -1.54m | -1.92m | -0.79m | -0.001 | -0.011 | -0.008 | 1.57m | 1.96m | -0.64m | 0.009 | 0.011 | 0.008 |
| 730 | 3 | 9 | 0.1800 | 13.9500 | 10.2500 | 8 | -1.76m | -1.90m | -0.61m | -0.001 | -0.012 | -0.008 | 1.73m | 1.95m | -0.51m | 0.007 | 0.003 | 0.008 |
| 732 | 3 | 10 | 0.1800 | 16.3400 | 10.2500 | 8 | -1.95m | -1.91m | -0.75m | -0.012 | -0.012 | -0.008 | 1.99m | 2.00m | 0.46m | 0.013 | 0.013 | 0.008 |
| 748 | 3 | 11 | 0.1800 | 21.5400 | 10.2500 | 8 | -2.54m | -1.94m | -0.84m | -0.014 | -0.013 | -0.008 | 2.62m | 2.04m | 0.50m | 0.012 | 0.017 | 0.008 |
| 756 | 3 | 12 | 5.7500 | 0.1800 | 10.2500 | 8 | -1.35m | -1.41m | -0.59m | -0.014 | -0.008 | -0.008 | 1.33m | 1.50m | 0.36m | 0.008 | 0.008 | 0.008 |
| 764 | 3 | 13 | 5.7500 | 2.0900 | 10.2500 | 8 | -1.27m | -1.38m | -0.62m | -0.011 | -0.005 | -0.008 | 1.24m | 1.53m | -0.39m | 0 | 0.004 | 0.008 |
| 766 | 3 | 14 | 5.7500 | 7.0000 | 10.2500 | 8 | -1.31m | -1.46m | -0.71m | -0.004 | -0.009 | -0.008 | 1.27m | 1.48m | -0.51m | 0.01 | 0.003 | 0.008 |
| 768 | 3 | 15 | 4.9300 | 16.3400 | 10.2500 | 8 | -1.96m | -1.51m | -0.74m | -0.013 | -0.009 | -0.008 | 2.03m | 1.60m | 0.35m | 0.01 | 0.013 | 0.008 |
| 776 | 3 | 16 | 4.9900 | 21.5400 | 10.2500 | 8 | -2.50m | -1.48m | -0.86m | -0.012 | -0.007 | -0.008 | 2.55m | 1.58m | -0.62m | 0.008 | 0.006 | 0.008 |
| 778 | 3 | 17 | 8.5200 | 2.0900 | 10.2500 | 8 | -1.28m | -1.36m | -0.43m | -0.006 | -0.008 | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------|---|----|---------|---------|---------|---|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|
| 989 | 3 | 34 | 8.5200 | 4.2900 | 10.2500 | 8 | -1.10m | -1.36m | -0.73m | -0.006 | 0.031 | -0.008 | 1.38m | 1.42m | -0.34m | 0.007 | 0.076 | 0.008 |
| 906 | 3 | 36 | 4.4300 | 16.3400 | 10.2500 | 8 | -1.97m | -1.56m | -0.62m | -0.014 | -0.01 | -0.008 | 2.03m | 1.65m | 0.25m | 0.011 | 0.013 | 0.008 |
| 1000 | 7 | 23 | 12.2900 | 2.0900 | 12.0500 | 8 | -1.49m | -1.87m | -0.38m | -0.015 | -0.007 | -0.009 | 1.70m | 1.93m | -0.17m | 0.007 | 0.013 | 0.011 |
| 1002 | 7 | 24 | 12.2900 | 5.2900 | 12.0500 | 8 | -1.45m | -1.91m | -0.45m | -0.003 | -0.008 | -0.009 | 1.52m | 1.89m | -0.17m | 0.014 | 0.008 | 0.011 |
| 1005 | 7 | 28 | 13.9500 | 2.0900 | 12.0500 | 8 | -1.49m | -1.96m | -0.24m | -0.012 | -0.007 | -0.009 | 1.69m | 2.07m | -0.14m | 0.007 | 0.012 | 0.011 |
| 1007 | 7 | 29 | 13.9500 | 5.2900 | 12.0500 | 8 | -1.45m | -1.98m | -0.27m | -0.008 | -0.008 | -0.009 | 1.52m | 2.05m | -0.12m | 0.011 | 0.009 | 0.011 |
| 1013 | 7 | 33 | 12.2900 | 3.0900 | 12.0500 | 8 | -1.58m | -1.85m | -0.62m | -0.01 | -0.069 | -0.009 | 1.47m | 1.89m | -0.28m | 0.003 | -0.036 | 0.011 |
| 994 | 7 | 35 | 12.2900 | 4.2900 | 12.0500 | 8 | -1.47m | -1.86m | -0.65m | -0.001 | -0.072 | -0.009 | 1.32m | 1.87m | -0.26m | 0.006 | -0.031 | 0.011 |
| 1023 | 4 | 1 | -5.1600 | 13.9500 | 13.8500 | 8 | -2.45m | -3.55m | -0.61m | -0.013 | -0.001 | -0.011 | 2.58m | 3.81m | -0.32m | 0.005 | 0.012 | 0.011 |
| 1025 | 4 | 2 | -5.1600 | 16.6500 | 13.8500 | 8 | -1.80m | -2.81m | -0.59m | -0.002 | -0.019 | -0.011 | 2.95m | 3.72m | -0.53m | 0.001 | 0.01 | 0.011 |
| 1027 | 4 | 3 | -5.1600 | 18.8800 | 13.8500 | 8 | -3.28m | -3.50m | -0.66m | -0.004 | -0.021 | -0.011 | 3.31m | 3.64m | -0.35m | 0.011 | 0.014 | 0.011 |
| 1029 | 4 | 4 | -5.1600 | 21.5400 | 13.8500 | 8 | -3.67m | -3.58m | -0.91m | -0.002 | -0.014 | -0.011 | 3.77m | 3.72m | 0.60m | 0.01 | 0.014 | 0.011 |
| 1037 | 4 | 5 | 0.1800 | 0.1800 | 13.8500 | 8 | -1.92m | -2.83m | -0.48m | -0.014 | -0.008 | -0.011 | 1.86m | 2.99m | 0.19m | 0.012 | 0.006 | 0.011 |
| 1045 | 4 | 6 | 0.1800 | 2.7000 | 13.8500 | 8 | -1.88m | -2.81m | -0.73m | -0.016 | -0.012 | -0.011 | 1.71m | 3.02m | -0.34m | 0.007 | 0.003 | 0.011 |
| 1053 | 4 | 7 | 0.1800 | 7.0000 | 13.8500 | 8 | -1.74m | -2.75m | -0.90m | -0.004 | 0.004 | -0.011 | 1.85m | 2.95m | -0.80m | -0.001 | 0.01 | 0.011 |
| 1055 | 4 | 8 | 0.1800 | 11.4800 | 13.8500 | 8 | -2.27m | -2.83m | -0.88m | 0.002 | -0.019 | -0.011 | 2.17m | 2.90m | -0.72m | 0.009 | 0.002 | 0.011 |
| 1057 | 4 | 9 | 0.1800 | 13.9500 | 13.8500 | 8 | -2.50m | -2.80m | -0.67m | 0.004 | -0.009 | -0.011 | 2.50m | 2.89m | -0.56m | 0.006 | 0.001 | 0.011 |
| 1059 | 4 | 10 | 0.1800 | 16.3400 | 13.8500 | 8 | -2.79m | -2.79m | -0.75m | -0.005 | -0.007 | -0.011 | 2.86m | 2.94m | 0.43m | 0.008 | 0.008 | 0.011 |
| 1075 | 4 | 11 | 0.1800 | 21.5400 | 13.8500 | 8 | -3.63m | -2.84m | -0.87m | -0.014 | -0.008 | -0.011 | 3.78m | 3.01m | 0.49m | 0.011 | 0.016 | 0.011 |
| 1083 | 4 | 12 | 5.7500 | 0.1800 | 13.8500 | 8 | -1.89m | -2.06m | -0.60m | -0.01 | -0.004 | -0.011 | 1.84m | 2.19m | 0.34m | 0.003 | 0.005 | 0.011 |
| 1091 | 4 | 13 | 5.7500 | 2.0900 | 13.8500 | 8 | -1.80m | -2.00m | -0.70m | -0.014 | -0.007 | -0.011 | 1.71m | 2.27m | -0.44m | -0.005 | 0.001 | 0.011 |
| 1093 | 4 | 14 | 5.7500 | 7.0000 | 13.8500 | 8 | -2.15m | -2.15m | -0.82m | 0 | -0.013 | -0.011 | 1.74m | 2.16m | -0.60m | 0.013 | -0.004 | 0.011 |
| 1095 | 4 | 15 | 4.9300 | 16.3400 | 13.8500 | 8 | -2.81m | -2.18m | -0.78m | -0.019 | -0.007 | -0.011 | 2.93m | 2.38m | 0.32m | 0.006 | 0.015 | 0.011 |
| 1103 | 4 | 16 | 4.9900 | 21.5400 | 13.8500 | 8 | -3.59m | -2.20m | -0.95m | -0.024 | -0.005 | -0.011 | 3.69m | 2.41m | -0.68m | 0.011 | 0.005 | 0.011 |
| 1105 | 4 | 17 | 8.5200 | 2.0900 | 13.8500 | 8 | -1.79m | -1.98m | -0.47m | -0.006 | -0.008 | -0.011 | 1.69m | 2.10m | -0.23m | 0.003 | -0.001 | 0.011 |
| 1107 | 4 | 18 | 8.5200 | 5.2900 | 13.8500 | 8 | -1.74m | -1.98m | -0.52m | -0.006 | -0.009 | -0.011 | 1.72m | 2.09m | -0.34m | 0.003 | 0.006 | 0.011 |
| 1109 | 4 | 19 | 8.5200 | 7.0000 | 13.8500 | 8 | -1.84m | -1.94m | -0.67m | -0.014 | -0.011 | -0.011 | 1.78m | 2.15m | -0.59m | -0.004 | 0.002 | 0.011 |
| 1111 | 4 | 20 | 8.5200 | 11.7000 | 13.8500 | 8 | -2.26m | -1.96m | -1.04m | -0.003 | -0.015 | -0.011 | 2.29m | 2.08m | -1.00m | 0 | 0.015 | 0.011 |
| 1113 | 4 | 21 | 8.5200 | 16.3400 | 13.8500 | 8 | -2.75m | -2.08m | -0.97m | 0.004 | -0.001 | -0.011 | 2.83m | 2.03m | -0.70m | 0.016 | 0.005 | 0.011 |
| 1115 | 4 | 22 | 9.2100 | 21.5400 | 13.8500 | 8 | -3.61m | -2.04m | -0.95m | -0.024 | -0.006 | -0.011 | 3.74m | 2.23m | -0.79m | 0.01 | 0.009 | 0.011 |
| 1139 | 4 | 23 | 12.2900 | 2.0900 | 13.8500 | 8 | -1.75m | -2.09m | -0.38m | -0.004 | -0.01 | -0.011 | 1.71m | 2.16m | -0.17m | 0.008 | -0.003 | 0.011 |
| 1118 | 4 | 24 | 12.2900 | 5.2900 | 13.8500 | 8 | -1.79m | -2.08m | -0.46m | -0.015 | -0.011 | -0.011 | 1.75m | 2.27m | -0.18m | -0.001 | 0.008 | 0.011 |
| 1121 | 4 | 25 | 12.2900 | 9.6900 | 13.8500 | 8 | -1.96m | -2.10m | -0.61m | 0.001 | -0.006 | -0.011 | 2.04m | 2.14m | -0.54m | 0.003 | 0.014 | 0.011 |
| 1123 | 4 | 26 | 12.2900 | 11.7700 | 13.8500 | 8 | -2.22m | -2.06m | -0.63m | -0.005 | -0.007 | -0.011 | 2.31m | 2.17m | -0.56m | -0.001 | 0.014 | 0.011 |
| 1125 | 4 | 27 | 12.2900 | 16.3400 | 13.8500 | 8 | -2.83m | -2.14m | -0.69m | 0.003 | -0.011 | -0.011 | 2.85m | 2.14m | 0.34m | 0.01 | 0.004 | 0.011 |
| 1134 | 4 | 28 | 13.9500 | 2.0900 | 13.8500 | 8 | -1.75m | -2.19m | -0.24m | -0.003 | -0.011 | -0.011 | 1.71m | 2.24m | -0.15m | 0.008 | -0.003 | 0.011 |
| 1135 | 4 | 29 | 13.9500 | 5.2900 | 13.8500 | 8 | -1.70m | -2.19m | -0.27m | -0.006 | -0.009 | -0.011 | 1.69m | 2.24m | -0.12m | 0.005 | 0.004 | 0.011 |
| 1135 | 4 | 30 | 14.3000 | 16.3400 | 13.8500 | 8 | -2.81m | -2.24m | -0.48m | -0.009 | -0.014 | -0.011 | 2.88m | 2.29m | 0.17m | 0.009 | 0.014 | 0.011 |
| 1143 | 4 | 31 | 14.3000 | 21.5400 | 13.8500 | 8 | -3.66m | -2.25m | -0.78m | -0.007 | -0.013 | -0.011 | 3.68m | 2.31m | 0.44m | 0.006 | 0 | 0.011 |
| 1020 | 4 | 32 | 8.5200 | 3.0900 | 13.8500 | 8 | -1.54m | -1.97m | -0.62m | -0.005 | 0.03 | -0.011 | 1.75m | 2.07m | -0.32m | 0.001 | 0.065 | 0.011 |
| 1316 | 4 | 34 | 8.5200 | 4.2900 | 13.8500 | 8 | -1.59m | -1.97m | -0.58m | -0.002 | 0.015 | -0.011 | 1.73m | 2.06m | -0.33m | 0.002 | 0.022 | 0.011 |
| 1233 | 4 | 36 | 4.4300 | 16.3400 | 13.8500 | 8 | -2.83m | -2.24m | -0.67m | -0.017 | -0.009 | -0.011 | 2.93m | 2.44m | 0.24m | 0.006 | 0.014 | 0.011 |
| 2117 | 9 | 10 | 0.1800 | 16.3400 | 16.2500 | 8 | -3.39m | -3.36m | -0.75m | -0.021 | -0.032 | -0.011 | 3.50m | 3.40m | 0.43m | 0.023 | 0.033 | 0.011 |
| 1007 | 9 | 12 | 5.7500 | 0.1800 | 16.2500 | 8 | -2.33m | -2.36m | -0.60m | -0.02 | -0.015 | -0.011 | 2.30m | 2.77m | 0.34m | 0.013 | 0.016 | 0.011 |
| 1008 | 9 | 13 | 5.7500 | 2.0900 | 16.2500 | 8 | -2.35m | -2.05m | -0.70m | -0.04 | -0.025 | -0.011 | 2.03m | 3.15m | -0.44m | 0.02 | 0.019 | 0.011 |
| 1164 | 9 | 14 | 5.7500 | 7.0000 | 16.2500 | 8 | -2.55m | -2.89m | -0.82m | -0.012 | -0.019 | -0.011 | 1.70m | 2.35m | -0.60m | 0.025 | 0.002 | 0.011 |
| 1711 | 9 | 15 | 4.9300 | 16.3400 | 16.2500 | 8 | -3.39m | -2.64m | -0.78m | -0.027 | -0.042 | -0.011 | 3.85m | 3.37m | 0.31m | 0.014 | 0.05 | 0.011 |
| 1662 | 9 | 16 | 4.9900 | 21.5400 | 16.2500 | 8 | -4.07m | -2.90m | -0.96m | -0.033 | -0.035 | -0.011 | 4.16m | 3.64m | -0.68m | 0.02 | 0.035 | 0.011 |
| 1142 | 9 | 17 | 8.5200 | 2.0900 | 16.2500 | 8 | -2.34m | -2.28m | -0.47m | -0.015 | -0.025 | -0.011 | 1.88m | 2.53m | -0.23m | 0.012 | 0.016 | 0.011 |
| 1144 | 9 | 19 | 8.5200 | 7.0000 | 16.2500 | 8 | -2.78m | -1.92m | -0.67m | -0.023 | -0.03 | -0.011 | 2.36m | 2.87m | -0.59m | 0.005 | 0.021 | 0.011 |
| 1086 | 9 | 20 | 8.5200 | 11.7000 | 16.2500 | 8 | -3.00m | -2.41m | -1.04m | -0.021 | -0.027 | -0.011 | 3.04m | 2.68m | -1.00m | 0.018 | 0.027 | 0.011 |
| 1080 | 9 | 21 | 8.5200 | 16.3400 | 16.2500 | 8 | -2.87m | -2.99m | -0.97m | -0.01 | -0.021 | -0.011 | 3.10m | 2.07m | -0.70m | 0.031 | 0.024 | 0.011 |
| 1222 | 9 | 22 | 9.2100 | 21.5400 | 16.2500 | 8 | -4.11m | -2.73m | -0.95m | -0.035 | -0.021 | -0.011 | 4.37m | 3.53m | -0.79m | 0.02 | 0.024 | 0.011 |

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10⁻³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Armatura

Armatura Pilastri

| | | | Armatura Long. | | | bracci staffe | | Staffe pilastro | | | | | | Staffe nodo superiore | | |
|-------|------|-----|------------------|----------------|------------------|---------------|-------|-----------------|---------------|---------------|----------------|-----------------|---------------|-----------------------|------------|-------------|
| Piano | Filo | Sez | Arm Tot. Spigoli | Arm Lato Sx-Dx | Arm Lato Sup-Inf | dir X | dir Y | Ø st. [mm] | Zona sup.[cm] | Zona inf.[cm] | Passo sup.[cm] | Passo cent.[cm] | Passo inf[cm] | Ø st. [mm] | Passo [cm] | H nodo [cm] |
| 1 | 1 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 2 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 15 | 15 | 15 | 6 ∞ | | 77 |
| 1 | 3 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 15 | 15 | 15 | 6 ∞ | | 77 |
| 1 | 4 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 5 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 6 | ■ | 4Ø14 | 1+1Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 7 | ■ | 4Ø16 | 0+0Ø16 | 2+2Ø18 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 95 |
| 1 | 8 | ■ | 4Ø18 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 9 | ■ | 4Ø14 | 1+1Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 10 | ■ | 4Ø18 | 0+0Ø14 | 1+1Ø18 | 2 | 2 | 6 | 46 | 45 | 18 | 18 | 18 | 6 ∞ | | 85 |
| 1 | 11 | ■ | 4Ø16 | 2+2Ø18 | 0+0Ø16 | 2 | 2 | 6 | 46 | 45 | 18 | 18 | 18 | 6 ∞ | | 85 |
| 1 | 12 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 46 | 45 | 18 | 18 | 18 | 6 ∞ | | 40 |
| 1 | 13 | ■ | 4Ø16 | 0+0Ø16 | 1+1Ø18 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 100 |
| 1 | 14 | ■ | 4Ø18 | 0+0Ø14 | 1+1Ø18 | 2 | 2 | 6 | 45 | 45 | 20 | 20 | 20 | 6 ∞ | | 100 |
| 1 | 15 | ■ | 4Ø18 | 0+0Ø14 | 1+1Ø18 | 2 | 2 | 6 | 46 | 45 | 20 | 20 | 20 | 6 ∞ | | 85 |
| 1 | 16 | ■ | 4Ø18 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 17 | ■ | 4Ø14 | 1+1Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 ∞ | | 77 |
| 1 | 18 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 16 | 16 | 16 | 6 ∞ | | 50 |
| 1 | 19 | ■ | 4Ø14 | 0+0Ø14 | 1+1Ø14 | 2 | 2 | 6 | 51 | 50 | 12 | 12 | 12 | 6 ∞ | | 85 |

| | | | | | | | | | | | | | | | | |
|---|----|---|------|--------|--------|---|---|---|----|----|----|----|----|---|------|-----|
| 1 | 20 | ■ | 4016 | 1+1016 | 0+0014 | 2 | 2 | 6 | 51 | 50 | 17 | 17 | 17 | 6 | ∞ | 85 |
| 1 | 21 | ■ | 4018 | 1+1018 | 0+0014 | 2 | 2 | 6 | 46 | 45 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 1 | 22 | ■ | 4018 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 1 | 23 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 51 | 51 | 18 | 18 | 18 | 6 | ∞ | 0 |
| 1 | 24 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | 18.0 | 77 |
| 1 | 25 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 1 | 26 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 1 | 27 | ■ | 4018 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 1 | 28 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 51 | 51 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 1 | 29 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 51 | 51 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 1 | 30 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 1 | 31 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 5 | 23 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | ∞ | 50 |
| 5 | 24 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | ∞ | 50 |
| 5 | 28 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 0 | 0 | 12 | 12 | 12 | 6 | ∞ | 50 |
| 5 | 29 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 0 | 0 | 12 | 12 | 12 | 6 | ∞ | 50 |
| 2 | 1 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 2 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 2 | 3 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 2 | 4 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 5 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 6 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 7 | ■ | 4014 | 0+0014 | 1+1014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 95 |
| 2 | 8 | ■ | 4014 | 0+0014 | 1+1014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 9 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 10 | ■ | 4018 | 0+0014 | 0+0018 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 2 | 11 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 2 | 12 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 13 | ■ | 4014 | 0+0014 | 1+1014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 100 |
| 2 | 14 | ■ | 4016 | 0+0014 | 1+1016 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 100 |
| 2 | 15 | ■ | 4016 | 1+1016 | 0+0014 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 2 | 16 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 17 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 18 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 52 | 52 | 16 | 16 | 16 | 6 | ∞ | 50 |
| 2 | 19 | ■ | 4012 | 0+0014 | 1+1012 | 2 | 2 | 6 | 51 | 50 | 12 | 12 | 12 | 6 | ∞ | 85 |
| 2 | 20 | ■ | 4016 | 1+1016 | 0+0014 | 2 | 2 | 6 | 51 | 50 | 15 | 15 | 15 | 6 | ∞ | 85 |
| 2 | 21 | ■ | 4018 | 0+0014 | 0+0014 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 2 | 22 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 23 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 0 |
| 2 | 24 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 0 | 0 | 16 | 16 | 16 | 6 | 18.0 | 77 |
| 2 | 25 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 2 | 26 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 2 | 27 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 28 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 2 | 29 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 2 | 30 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 2 | 31 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 6 | 23 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | ∞ | 50 |
| 6 | 24 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | ∞ | 50 |
| 6 | 28 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 0 | 0 | 12 | 12 | 12 | 6 | ∞ | 50 |
| 6 | 29 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 0 | 0 | 12 | 12 | 12 | 6 | ∞ | 50 |
| 3 | 1 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 2 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 3 | 3 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 3 | 4 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 5 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 6 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 7 | ■ | 4014 | 0+0014 | 1+1014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 95 |
| 3 | 8 | ■ | 4014 | 0+0014 | 1+1014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 9 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 10 | ■ | 4018 | 0+0014 | 0+0018 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 3 | 11 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 3 | 12 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 13 | ■ | 4014 | 0+0014 | 1+1014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 100 |
| 3 | 14 | ■ | 4016 | 0+0014 | 1+1016 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 100 |
| 3 | 15 | ■ | 4016 | 1+1016 | 0+0014 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 3 | 16 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 17 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 18 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 52 | 52 | 16 | 16 | 16 | 6 | ∞ | 50 |
| 3 | 19 | ■ | 4012 | 0+0014 | 1+1012 | 2 | 2 | 6 | 51 | 50 | 12 | 12 | 12 | 6 | ∞ | 85 |
| 3 | 20 | ■ | 4016 | 1+1016 | 0+0014 | 2 | 2 | 6 | 51 | 50 | 15 | 15 | 15 | 6 | ∞ | 85 |
| 3 | 21 | ■ | 4018 | 0+0014 | 0+0014 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 3 | 22 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 23 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 0 |
| 3 | 24 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | 18.0 | 77 |
| 3 | 25 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 3 | 26 | ■ | 4012 | 0+0012 | 0+0012 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 3 | 27 | ■ | 4014 | 1+1014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 28 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 3 | 29 | ■ | 4012 | 0+0014 | 0+0014 | 2 | 2 | 6 | 45 | 45 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 3 | 30 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 3 | 31 | ■ | 4014 | 0+0014 | 0+0014 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |

| | | | | | | | | | | | | | | | | |
|---|----|---|------|--------|--------|---|---|---|----|----|----|----|----|---|------|-----|
| 7 | 23 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | ∞ | 50 |
| 7 | 24 | ■ | 4Ø12 | 0+0Ø12 | 0+0Ø12 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | ∞ | 50 |
| 7 | 28 | ■ | 4Ø12 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 0 | 0 | 12 | 12 | 12 | 6 | ∞ | 50 |
| 7 | 29 | ■ | 4Ø12 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 0 | 0 | 12 | 12 | 12 | 6 | ∞ | 50 |
| 4 | 1 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 2 | ■ | 4Ø12 | 0+0Ø12 | 0+0Ø12 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 4 | 3 | ■ | 4Ø12 | 0+0Ø12 | 0+0Ø12 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 4 | 4 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 5 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 6 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 7 | ■ | 4Ø14 | 0+0Ø14 | 1+1Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 95 |
| 4 | 8 | ■ | 4Ø14 | 0+0Ø14 | 1+1Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 9 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 10 | ■ | 4Ø18 | 0+0Ø14 | 0+0Ø18 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 4 | 11 | ■ | 4Ø14 | 1+1Ø14 | 0+0Ø14 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 4 | 12 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 13 | ■ | 4Ø14 | 0+0Ø14 | 1+1Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 100 |
| 4 | 14 | ■ | 4Ø16 | 0+0Ø14 | 1+1Ø16 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 100 |
| 4 | 15 | ■ | 4Ø16 | 1+1Ø16 | 0+0Ø14 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 4 | 16 | ■ | 4Ø14 | 1+1Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 17 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 18 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 52 | 52 | 16 | 16 | 16 | 6 | ∞ | 50 |
| 4 | 19 | ■ | 4Ø12 | 0+0Ø14 | 1+1Ø12 | 2 | 2 | 6 | 51 | 50 | 12 | 12 | 12 | 6 | ∞ | 85 |
| 4 | 20 | ■ | 4Ø16 | 1+1Ø16 | 0+0Ø14 | 2 | 2 | 6 | 51 | 50 | 15 | 15 | 15 | 6 | ∞ | 85 |
| 4 | 21 | ■ | 4Ø18 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 46 | 46 | 18 | 18 | 18 | 6 | ∞ | 85 |
| 4 | 22 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 23 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 18 | 18 | 18 | 6 | ∞ | 0 |
| 4 | 24 | ■ | 4Ø12 | 0+0Ø12 | 0+0Ø12 | 2 | 2 | 6 | 0 | 0 | 18 | 18 | 18 | 6 | 18.0 | 77 |
| 4 | 25 | ■ | 4Ø12 | 0+0Ø12 | 0+0Ø12 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 4 | 26 | ■ | 4Ø12 | 0+0Ø12 | 0+0Ø12 | 2 | 2 | 6 | 48 | 48 | 15 | 15 | 15 | 6 | ∞ | 77 |
| 4 | 27 | ■ | 4Ø14 | 1+1Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 28 | ■ | 4Ø12 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 4 | 29 | ■ | 4Ø12 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 45 | 45 | 12 | 12 | 12 | 6 | ∞ | 0 |
| 4 | 30 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 4 | 31 | ■ | 4Ø14 | 0+0Ø14 | 0+0Ø14 | 2 | 2 | 6 | 48 | 48 | 18 | 18 | 18 | 6 | ∞ | 77 |
| 9 | 10 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 12 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 50 | 50 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 13 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 14 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 15 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 16 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 17 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 19 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 20 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 21 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |
| 9 | 22 | ■ | 4Ø12 | 1+1Ø12 | 1+1Ø12 | 2 | 2 | 6 | 60 | 60 | 10 | 20 | 10 | 6 | ∞ | 0 |

Armatura Longitudinale Travi

| Piano | Trave | Sez | As Sup. Ini | As Inf. Ini | As Sup. Centr. | As Inf. Centr. | As Sup. Fin. | As Inf. Fin. | Arm Lat | spig. lat. Sez T |
|-------|-------|-----|-------------|-------------|----------------|----------------|--------------|--------------|---------|------------------|
| 1 | 1 | ■ | | | | | | | 0+0Ø12 | |
| 1 | 2 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø8 | |
| 1 | 3 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 4 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 5 | ■ | 2Ø6+2Ø10 | 2Ø10 | 2Ø6 | 3Ø10 | 2Ø6+2Ø10 | 2Ø10 | 0+0Ø12 | |
| 1 | 6 | ■ | 2Ø6+1Ø10 | 3Ø8 | 2Ø6 | 3Ø8 | 2Ø6+1Ø10 | 2Ø8 | 0+0Ø12 | |
| 1 | 7 | ■ | 2Ø6+1Ø10 | 2Ø8 | 2Ø6 | 2Ø8 | 2Ø6+1Ø10 | 2Ø8 | 0+0Ø12 | |
| 1 | 8 | ■ | 2Ø6+1Ø10 | 2Ø8 | 2Ø6 | 3Ø8 | 2Ø6+1Ø10 | 3Ø8 | 0+0Ø12 | |
| 1 | 9 | ■ | 405.27mm² | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 2Ø6+2Ø10 | 2Ø12 | 0+0Ø12 | |
| 1 | 10 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 11 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 12 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 13 | ■ | 235.62mm² | 2Ø10 | 2Ø6 | 3Ø10 | 464.96mm² | 2Ø10 | 0+0Ø12 | |
| 1 | 14 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 15 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 16 | ■ | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 2Ø16 | 0+0Ø12 | |
| 1 | 17 | ■ | 3Ø6 | 2Ø8 | 2Ø6 | 2Ø8 | 3Ø6 | 2Ø8 | 0+0Ø12 | |
| 1 | 18 | ■ | 782.26mm² | 2Ø12 | 2Ø6+2Ø14 | 4Ø12 | 816.81mm² | 2Ø12 | 0+0Ø12 | |
| 1 | 19 | ■ | 816.81mm² | 2Ø12 | 2Ø6+2Ø14 | 4Ø12 | 782.26mm² | 2Ø12 | 0+0Ø12 | |
| 1 | 20 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 4Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |
| 1 | 21 | ■ | 2Ø6+4Ø10 | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 376.99mm² | 2Ø12 | 0+0Ø12 | |
| 1 | 22 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 1Ø10+2Ø12 | 2Ø6+3Ø10 | 2Ø12 | 0+0Ø12 | |
| 1 | 23 | ■ | 376.99mm² | 2Ø8 | 2Ø6+1Ø12 | 3Ø8 | 2Ø6+1Ø8 | 2Ø8 | 0+0Ø12 | |
| 1 | 24 | ■ | 499.51mm² | 2Ø8 | 2Ø6+4Ø10 | 2Ø8+1Ø10 | 2Ø6+4Ø10 | 2Ø8 | 0+0Ø12 | |
| 1 | 25 | ■ | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 2Ø6 | 1Ø6+2Ø8 | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 1+1Ø12 | |
| 1 | 26 | ■ | 2Ø6+1Ø8 | 2Ø8 | 2Ø6+1Ø8 | 2Ø8 | 2Ø6+1Ø8 | 2Ø8 | 2+2Ø12 | |
| 1 | 27 | ■ | 493.23mm² | 2Ø10 | 2Ø6+2Ø14 | 3Ø10 | 600.04mm² | 2Ø10 | 0+0Ø12 | |
| 1 | 28 | ■ | 2Ø6+8Ø10 | 2Ø10+2Ø12 | 2Ø6+8Ø10 | 2Ø10+2Ø12 | 2Ø6+8Ø10 | 2Ø10+2Ø12 | 0+0Ø12 | |

| | | | | | | | | | | |
|---|----|---|-----------|-----------|-----------|-----------|-----------|-----------|--------|--|
| 1 | 29 | ■ | 306 | 306 | 306 | 306 | 306 | 306 | 2+2012 | |
| 1 | 30 | ■ | 439.82mm² | 2012 | 206 | 4012 | 439.82mm² | 2012 | 0+0012 | |
| 1 | 31 | ■ | 8010 | 4010 | 4010 | 8010 | 8010 | 4010 | 0+0012 | |
| 1 | 32 | ■ | 270.18mm² | 2010 | 270.18mm² | 2010 | 206+208 | 2010+1012 | 1+106 | |
| 1 | 33 | ■ | 206+208 | 2010+1012 | 206 | 2010+1012 | 206+208 | 2010+1012 | 0+0012 | |
| 1 | 34 | ■ | 206+208 | 2010+1012 | 270.18mm² | 2010 | 270.18mm² | 2010 | 0+0012 | |
| 1 | 35 | ■ | 2014 | 2014 | 2014 | 2014 | 2014 | 2014 | 0+0012 | |
| 1 | 36 | ■ | 474.38mm² | 2012 | 474.38mm² | 2012 | 474.38mm² | 2012 | 0+0012 | |
| 1 | 37 | ■ | 206 | 2012 | 206 | 2012 | 206 | 2012 | 0+0012 | |
| 5 | 1 | ■ | 235.62mm² | 2010 | 206 | 3010 | 235.62mm² | 2010 | 0+0012 | |
| 5 | 2 | ■ | 298.45mm² | 2010 | 298.45mm² | 2010 | 306+208 | 2010+1012 | 0+0012 | |
| 5 | 3 | ■ | 306+208 | 2010+1012 | 306 | 2010+1012 | 306+208 | 2010+1012 | 0+0012 | |
| 5 | 4 | ■ | 306+208 | 2010+1012 | 298.45mm² | 2010 | 298.45mm² | 2010 | 0+0012 | |
| 5 | 5 | ■ | 3012 | 3012 | 3012 | 3012 | 3012 | 3012 | 0+0012 | |
| 5 | 6 | ■ | 3012 | 3012 | 3012 | 3012 | 3012 | 3012 | 0+0012 | |
| 5 | 7 | ■ | 8010 | 4010 | 4010 | 8010 | 8010 | 4010 | 0+0012 | |
| 2 | 1 | ■ | 206+1010 | 106+208 | 206 | 106+208 | 206+4010 | 106+208 | 0+0012 | |
| 2 | 2 | ■ | 206+4010 | 106+2012 | 206 | 2010+2012 | 206+4010 | 2012 | 0+008 | |
| 2 | 3 | ■ | 206+4010 | 2010 | 206 | 4010 | 314.16mm² | 2010 | 0+0012 | |
| 2 | 4 | ■ | 314.16mm² | 106+208 | 206 | 106+208 | 206+1010 | 106+208 | 0+0012 | |
| 2 | 5 | ■ | 206+2010 | 2010 | 206 | 3010 | 206+2010 | 2010 | 0+0012 | |
| 2 | 6 | ■ | 206+1010 | 308 | 206 | 308 | 206+1010 | 208 | 0+0012 | |
| 2 | 7 | ■ | 206+1010 | 208 | 206 | 208 | 206+1010 | 208 | 0+0012 | |
| 2 | 8 | ■ | 206+1010 | 208 | 206 | 308 | 206+1010 | 308 | 0+0012 | |
| 2 | 9 | ■ | 405.27mm² | 2012 | 206 | 2010+2012 | 206+3010 | 2012 | 0+0012 | |
| 2 | 10 | ■ | 405.27mm² | 2012 | 206 | 2010+2012 | 556.06mm² | 2012 | 0+0012 | |
| 2 | 11 | ■ | 556.06mm² | 2012 | 206 | 3012 | 405.27mm² | 2012 | 0+0012 | |
| 2 | 12 | ■ | 405.27mm² | 2012 | 206 | 2010+2012 | 405.27mm² | 2012 | 0+0012 | |
| 2 | 13 | ■ | 235.62mm² | 2010 | 206 | 3010 | 464.96mm² | 2010 | 0+0012 | |
| 2 | 14 | ■ | 270.18mm² | 2010 | 206 | 2010+1012 | 270.18mm² | 2010 | 0+0012 | |
| 2 | 15 | ■ | 270.18mm² | 306 | 206+408 | 306 | 270.18mm² | 306 | 0+0012 | |
| 2 | 16 | ■ | 270.18mm² | 2010 | 206 | 2010+1012 | 464.96mm² | 2010 | 0+0012 | |
| 2 | 17 | ■ | 306 | 208 | 206 | 208 | 306 | 208 | 0+0012 | |
| 2 | 18 | ■ | 474.38mm² | 2012 | 206 | 4012 | 206+4012 | 2012 | 0+0012 | |
| 2 | 19 | ■ | 206+4012 | 2012 | 206 | 4012 | 474.38mm² | 2012 | 0+0012 | |
| 2 | 20 | ■ | 474.38mm² | 2012 | 206 | 4012 | 474.38mm² | 2012 | 0+0012 | |
| 2 | 21 | ■ | 206+4010 | 2012 | 206 | 2010+2012 | 376.99mm² | 2012 | 0+0012 | |
| 2 | 22 | ■ | 474.38mm² | 2012 | 206 | 1010+2012 | 206+3010 | 2012 | 0+0012 | |
| 2 | 23 | ■ | 376.99mm² | 208 | 206+1012 | 308 | 206+108 | 208 | 0+0012 | |
| 2 | 24 | ■ | 185.35mm² | 208 | 206 | 208+1010 | 206+4010 | 208 | 1+108 | |
| 2 | 25 | ■ | 206+1010 | 106+208 | 206 | 106+208 | 206+1010 | 106+208 | 1+1012 | |
| 2 | 26 | ■ | 206+108 | 208 | 206+108 | 208 | 206+108 | 208 | 2+2012 | |
| 2 | 27 | ■ | 185.35mm² | 2010 | 206 | 3010 | 206+3010 | 2010 | 0+0012 | |
| 2 | 28 | ■ | 206+4010 | 2012 | 206 | 2010+2012 | 206+4010 | 2012 | 0+0012 | |
| 2 | 29 | ■ | 306 | 306 | 306 | 306 | 306 | 306 | 2+2012 | |
| 2 | 30 | ■ | 439.82mm² | 2012 | 206 | 4012 | 439.82mm² | 2012 | 0+0012 | |
| 2 | 31 | ■ | 308 | 3012 | 308 | 3012 | 308 | 3012 | 0+0012 | |
| 2 | 32 | ■ | 270.18mm² | 2010 | 270.18mm² | 2010 | 206+208 | 2010+1012 | 1+106 | |
| 2 | 33 | ■ | 206+208 | 2010+1012 | 206 | 2010+1012 | 206+208 | 2010+1012 | 1+106 | |
| 2 | 34 | ■ | 206+208 | 2010+1012 | 270.18mm² | 2010 | 270.18mm² | 2010 | 0+0012 | |
| 2 | 35 | ■ | 8010 | 4010 | 4010 | 8010 | 8010 | 4010 | 0+0012 | |
| 2 | 36 | ■ | 474.38mm² | 2012 | 474.38mm² | 2012 | 474.38mm² | 2012 | 0+0012 | |
| 6 | 1 | ■ | 235.62mm² | 2010 | 206 | 3010 | 235.62mm² | 2010 | 0+0012 | |
| 6 | 2 | ■ | 270.18mm² | 2010 | 270.18mm² | 2010 | 206+208 | 2010+1012 | 0+0012 | |
| 6 | 3 | ■ | 206+208 | 2010+1012 | 206 | 2010+1012 | 206+208 | 2010+1012 | 0+0012 | |
| 6 | 4 | ■ | 206+208 | 2010+1012 | 270.18mm² | 2010 | 270.18mm² | 2010 | 0+0012 | |
| 6 | 5 | ■ | 3012 | 3012 | 3012 | 3012 | 3012 | 3012 | 0+0012 | |
| 6 | 6 | ■ | 3012 | 3012 | 3012 | 3012 | 3012 | 3012 | 0+0012 | |
| 6 | 7 | ■ | 8010 | 4010 | 4010 | 8010 | 8010 | 4010 | 0+0012 | |
| 3 | 1 | ■ | 206+1010 | 106+208 | 206 | 106+208 | 206+4010 | 106+208 | 0+0012 | |
| 3 | 2 | ■ | 206+4010 | 106+2012 | 206 | 2010+2012 | 206+4010 | 2012 | 0+008 | |
| 3 | 3 | ■ | 206+4010 | 2010 | 206 | 4010 | 314.16mm² | 2010 | 0+0012 | |
| 3 | 4 | ■ | 314.16mm² | 106+208 | 206 | 106+208 | 206+1010 | 106+208 | 0+0012 | |
| 3 | 5 | ■ | 206+2010 | 2010 | 206 | 3010 | 206+2010 | 2010 | 0+0012 | |
| 3 | 6 | ■ | 206+1010 | 308 | 206 | 308 | 206+1010 | 208 | 0+0012 | |
| 3 | 7 | ■ | 206+1010 | 208 | 206 | 208 | 206+1010 | 208 | 0+0012 | |
| 3 | 8 | ■ | 206+1010 | 208 | 206 | 308 | 206+1010 | 308 | 0+0012 | |
| 3 | 9 | ■ | 405.27mm² | 2012 | 206 | 2010+2012 | 206+3010 | 2012 | 0+0012 | |
| 3 | 10 | ■ | 405.27mm² | 2012 | 206 | 2010+2012 | 556.06mm² | 2012 | 0+0012 | |
| 3 | 11 | ■ | 556.06mm² | 2012 | 206 | 3012 | 405.27mm² | 2012 | 0+0012 | |
| 3 | 12 | ■ | 405.27mm² | 2012 | 206 | 2010+2012 | 405.27mm² | 2012 | 0+0012 | |
| 3 | 13 | ■ | 235.62mm² | 2010 | 206 | 3010 | 464.96mm² | 2010 | 0+0012 | |
| 3 | 14 | ■ | 270.18mm² | 2010 | 206 | 2010+1012 | 270.18mm² | 2010 | 0+0012 | |

| | | | | | | | | | | |
|---|----|---|-----------|-----------|-----------|-----------|-----------|-----------|--------|--|
| 3 | 15 | ■ | 270.18mm² | 3Ø6 | 206+4Ø8 | 3Ø6 | 270.18mm² | 3Ø6 | 0+0Ø12 | |
| 3 | 16 | ■ | 270.18mm² | 2Ø10 | 2Ø6 | 2Ø10+1Ø12 | 464.96mm² | 2Ø10 | 0+0Ø12 | |
| 3 | 17 | ■ | 2Ø6+1Ø8 | 2Ø8 | 2Ø6 | 2Ø8 | 3Ø6 | 2Ø8 | 0+0Ø12 | |
| 3 | 18 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 4Ø12 | 2Ø6+4Ø12 | 2Ø12 | 0+0Ø12 | |
| 3 | 19 | ■ | 2Ø6+4Ø12 | 2Ø12 | 2Ø6 | 4Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |
| 3 | 20 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 4Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |
| 3 | 21 | ■ | 2Ø6+4Ø10 | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 376.99mm² | 2Ø12 | 0+0Ø12 | |
| 3 | 22 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 1Ø10+2Ø12 | 2Ø6+3Ø10 | 2Ø12 | 0+0Ø12 | |
| 3 | 23 | ■ | 376.99mm² | 2Ø8 | 2Ø6+1Ø12 | 3Ø8 | 2Ø6+1Ø8 | 2Ø8 | 1+1Ø6 | |
| 3 | 24 | ■ | 185.35mm² | 2Ø8 | 2Ø6 | 2Ø8+1Ø10 | 2Ø6+4Ø10 | 2Ø8 | 0+0Ø12 | |
| 3 | 25 | ■ | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 2Ø6 | 1Ø6+2Ø8 | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 1+1Ø12 | |
| 3 | 26 | ■ | 2Ø6+1Ø8 | 2Ø8 | 2Ø6+1Ø8 | 2Ø8 | 2Ø6+1Ø8 | 2Ø8 | 2+2Ø12 | |
| 3 | 27 | ■ | 185.35mm² | 2Ø10 | 2Ø6 | 3Ø10 | 2Ø6+3Ø10 | 2Ø10 | 0+0Ø12 | |
| 3 | 28 | ■ | 2Ø6+4Ø10 | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 2Ø6+4Ø10 | 2Ø12 | 0+0Ø12 | |
| 3 | 29 | ■ | 3Ø6 | 3Ø6 | 3Ø6 | 3Ø6 | 3Ø6 | 3Ø6 | 2+2Ø12 | |
| 3 | 30 | ■ | 439.82mm² | 2Ø12 | 2Ø6 | 4Ø12 | 439.82mm² | 2Ø12 | 0+0Ø12 | |
| 3 | 31 | ■ | 3Ø8 | 3Ø12 | 3Ø8 | 3Ø12 | 3Ø8 | 3Ø12 | 0+0Ø12 | |
| 3 | 32 | ■ | 270.18mm² | 2Ø10 | 270.18mm² | 2Ø10 | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 1+1Ø6 | |
| 3 | 33 | ■ | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 2Ø6 | 2Ø10+1Ø12 | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 1+1Ø6 | |
| 3 | 34 | ■ | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 270.18mm² | 2Ø10 | 270.18mm² | 2Ø10 | 0+0Ø12 | |
| 3 | 35 | ■ | 8Ø10 | 4Ø10 | 4Ø10 | 8Ø10 | 8Ø10 | 4Ø10 | 0+0Ø12 | |
| 3 | 36 | ■ | 474.38mm² | 2Ø12 | 474.38mm² | 2Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |
| 7 | 1 | ■ | 235.62mm² | 2Ø10 | 2Ø6 | 3Ø10 | 235.62mm² | 2Ø10 | 0+0Ø12 | |
| 7 | 2 | ■ | 270.18mm² | 2Ø10 | 270.18mm² | 2Ø10 | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 0+0Ø12 | |
| 7 | 3 | ■ | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 2Ø6 | 2Ø10+1Ø12 | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 0+0Ø12 | |
| 7 | 4 | ■ | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 270.18mm² | 2Ø10 | 270.18mm² | 2Ø10 | 0+0Ø12 | |
| 7 | 5 | ■ | 3Ø12 | 3Ø12 | 3Ø12 | 3Ø12 | 3Ø12 | 3Ø12 | 0+0Ø12 | |
| 7 | 6 | ■ | 3Ø12 | 3Ø12 | 3Ø12 | 3Ø12 | 3Ø12 | 3Ø12 | 0+0Ø12 | |
| 7 | 7 | ■ | 8Ø10 | 4Ø10 | 4Ø10 | 8Ø10 | 8Ø10 | 4Ø10 | 0+0Ø12 | |
| 4 | 1 | ■ | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 2Ø6 | 1Ø6+2Ø8 | 2Ø6+4Ø10 | 1Ø6+2Ø8 | 0+0Ø12 | |
| 4 | 2 | ■ | 2Ø6+4Ø10 | 1Ø6+2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 2Ø6+4Ø10 | 2Ø12 | 0+0Ø8 | |
| 4 | 3 | ■ | 2Ø6+4Ø10 | 2Ø10 | 2Ø6 | 4Ø10 | 314.16mm² | 2Ø10 | 0+0Ø12 | |
| 4 | 4 | ■ | 314.16mm² | 1Ø6+2Ø8 | 2Ø6 | 1Ø6+2Ø8 | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 0+0Ø12 | |
| 4 | 5 | ■ | 2Ø6+2Ø10 | 2Ø10 | 2Ø6 | 3Ø10 | 2Ø6+2Ø10 | 2Ø10 | 0+0Ø12 | |
| 4 | 6 | ■ | 2Ø6+1Ø10 | 3Ø8 | 2Ø6 | 3Ø8 | 2Ø6+1Ø10 | 2Ø8 | 0+0Ø12 | |
| 4 | 7 | ■ | 2Ø6+1Ø10 | 2Ø8 | 2Ø6 | 2Ø8 | 2Ø6+1Ø10 | 2Ø8 | 0+0Ø12 | |
| 4 | 8 | ■ | 2Ø6+1Ø10 | 2Ø8 | 2Ø6 | 3Ø8 | 2Ø6+1Ø10 | 3Ø8 | 0+0Ø12 | |
| 4 | 9 | ■ | 405.27mm² | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 2Ø6+3Ø10 | 2Ø12 | 0+0Ø12 | |
| 4 | 10 | ■ | 405.27mm² | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 556.06mm² | 2Ø12 | 0+0Ø12 | |
| 4 | 11 | ■ | 556.06mm² | 2Ø12 | 2Ø6 | 3Ø12 | 405.27mm² | 2Ø12 | 0+0Ø12 | |
| 4 | 12 | ■ | 405.27mm² | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 405.27mm² | 2Ø12 | 0+0Ø12 | |
| 4 | 13 | ■ | 235.62mm² | 2Ø10 | 2Ø6 | 3Ø10 | 464.96mm² | 2Ø10 | 0+0Ø12 | |
| 4 | 14 | ■ | 270.18mm² | 2Ø10 | 2Ø6 | 2Ø10+1Ø12 | 270.18mm² | 2Ø10 | 0+0Ø12 | |
| 4 | 15 | ■ | 270.18mm² | 3Ø6 | 2Ø6+4Ø8 | 3Ø6 | 270.18mm² | 3Ø6 | 1+1Ø12 | |
| 4 | 16 | ■ | 270.18mm² | 2Ø10 | 2Ø6 | 2Ø10+1Ø12 | 464.96mm² | 2Ø10 | 0+0Ø12 | |
| 4 | 17 | ■ | 3Ø6 | 2Ø8 | 2Ø6 | 2Ø8 | 3Ø6 | 2Ø8 | 0+0Ø12 | |
| 4 | 18 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 4Ø12 | 2Ø6+4Ø12 | 2Ø12 | 0+0Ø12 | |
| 4 | 19 | ■ | 2Ø6+4Ø12 | 2Ø12 | 2Ø6 | 4Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |
| 4 | 20 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 4Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |
| 4 | 21 | ■ | 2Ø6+4Ø10 | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 376.99mm² | 2Ø12 | 0+0Ø12 | |
| 4 | 22 | ■ | 474.38mm² | 2Ø12 | 2Ø6 | 1Ø10+2Ø12 | 2Ø6+3Ø10 | 2Ø12 | 0+0Ø12 | |
| 4 | 23 | ■ | 376.99mm² | 2Ø8 | 2Ø6+1Ø12 | 3Ø8 | 2Ø6+1Ø8 | 2Ø8 | 0+0Ø12 | |
| 4 | 24 | ■ | 185.35mm² | 2Ø8 | 2Ø6 | 2Ø8+1Ø10 | 2Ø6+4Ø10 | 2Ø8 | 1+1Ø8 | |
| 4 | 25 | ■ | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 2Ø6 | 1Ø6+2Ø8 | 2Ø6+1Ø10 | 1Ø6+2Ø8 | 1+1Ø12 | |
| 4 | 26 | ■ | 2Ø6+1Ø8 | 2Ø8 | 2Ø6+1Ø8 | 2Ø8 | 2Ø6+1Ø8 | 2Ø8 | 3+3Ø12 | |
| 4 | 27 | ■ | 185.35mm² | 2Ø10 | 2Ø6 | 3Ø10 | 2Ø6+3Ø10 | 2Ø10 | 0+0Ø12 | |
| 4 | 28 | ■ | 2Ø6+4Ø10 | 2Ø12 | 2Ø6 | 2Ø10+2Ø12 | 2Ø6+4Ø10 | 2Ø12 | 0+0Ø12 | |
| 4 | 29 | ■ | 3Ø6 | 3Ø6 | 3Ø6 | 3Ø6 | 3Ø6 | 3Ø6 | 2+2Ø12 | |
| 4 | 30 | ■ | 439.82mm² | 1Ø6+2Ø12 | 2Ø6 | 1Ø6+4Ø12 | 439.82mm² | 1Ø6+2Ø12 | 0+0Ø12 | |
| 4 | 31 | ■ | 3Ø8 | 3Ø12 | 3Ø8 | 3Ø12 | 3Ø8 | 3Ø12 | 0+0Ø12 | |
| 4 | 32 | ■ | 270.18mm² | 2Ø10 | 270.18mm² | 2Ø10 | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 0+0Ø12 | |
| 4 | 33 | ■ | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 2Ø6 | 2Ø10+1Ø12 | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 0+0Ø12 | |
| 4 | 34 | ■ | 2Ø6+2Ø8 | 2Ø10+1Ø12 | 270.18mm² | 2Ø10 | 270.18mm² | 2Ø10 | 0+0Ø12 | |
| 4 | 35 | ■ | 474.38mm² | 2Ø12 | 474.38mm² | 2Ø12 | 474.38mm² | 2Ø12 | 0+0Ø12 | |

Armatura Trasversale Travi

| Piano | Trave | Sez | Ø st. | bracc. X | bracc. Y | Zona Ini. [cm] | Passo Ini. [cm] | Zona Centr. [cm] | Passo Cent. [cm] | Zona Fin. [cm] | Passo Inf. [cm] |
|-------|-------|-----|-------|----------|----------|----------------|-----------------|------------------|------------------|----------------|-----------------|
| 1 | 1 | ■ | 6 | 2 | 2 | 0 | 30 | 215 | 30 | 0 | 30 |
| 1 | 2 | ■ | 10 | 2 | 2 | 0 | 20 | 387 | 20 | 0 | 20 |
| 1 | 3 | ■ | 10 | 2 | 2 | 0 | 20 | 405 | 20 | 0 | 20 |
| 1 | 4 | ■ | 10 | 2 | 2 | 0 | 20 | 210 | 20 | 0 | 20 |
| 1 | 5 | ■ | 6 | 2 | 2 | 0 | 35 | 497 | 35 | 0 | 35 |

| | | | | | | | | | | | |
|---|----|---|----|---|---|-----|----|-----|----|-----|----|
| 1 | 6 | ■ | 6 | 2 | 2 | 0 | 30 | 237 | 30 | 0 | 30 |
| 1 | 7 | ■ | 6 | 2 | 2 | 0 | 30 | 193 | 30 | 0 | 30 |
| 1 | 8 | ■ | 6 | 2 | 2 | 0 | 30 | 233 | 30 | 0 | 30 |
| 1 | 9 | ■ | 6 | 2 | 2 | 0 | 25 | 497 | 25 | 0 | 25 |
| 1 | 10 | ■ | 10 | 2 | 2 | 0 | 20 | 444 | 20 | 0 | 20 |
| 1 | 11 | ■ | 10 | 2 | 2 | 0 | 20 | 385 | 20 | 0 | 20 |
| 1 | 12 | ■ | 10 | 2 | 2 | 0 | 20 | 472 | 20 | 0 | 20 |
| 1 | 13 | ■ | 6 | 2 | 2 | 0 | 40 | 483 | 40 | 0 | 40 |
| 1 | 14 | ■ | 10 | 2 | 2 | 0 | 20 | 424 | 20 | 0 | 20 |
| 1 | 15 | ■ | 10 | 2 | 2 | 0 | 20 | 178 | 20 | 0 | 20 |
| 1 | 16 | ■ | 10 | 2 | 2 | 0 | 20 | 406 | 20 | 0 | 20 |
| 1 | 17 | ■ | 6 | 2 | 2 | 0 | 40 | 240 | 40 | 0 | 40 |
| 1 | 18 | ■ | 6 | 2 | 2 | 86 | 20 | 295 | 20 | 50 | 18 |
| 1 | 19 | ■ | 6 | 2 | 2 | 60 | 18 | 370 | 20 | 0 | 20 |
| 1 | 20 | ■ | 6 | 2 | 2 | 85 | 20 | 223 | 20 | 86 | 20 |
| 1 | 21 | ■ | 6 | 2 | 2 | 0 | 30 | 476 | 30 | 0 | 30 |
| 1 | 22 | ■ | 6 | 2 | 2 | 0 | 25 | 314 | 25 | 0 | 25 |
| 1 | 23 | ■ | 6 | 2 | 2 | 30 | 15 | 172 | 20 | 0 | 20 |
| 1 | 24 | ■ | 6 | 2 | 2 | 0 | 40 | 198 | 40 | 40 | 30 |
| 1 | 25 | ■ | 6 | 2 | 2 | 0 | 25 | 164 | 25 | 0 | 25 |
| 1 | 26 | ■ | 6 | 2 | 2 | 50 | 25 | 98 | 30 | 0 | 30 |
| 1 | 27 | ■ | 6 | 2 | 2 | 100 | 20 | 140 | 25 | 100 | 20 |
| 1 | 28 | ■ | 6 | 2 | 2 | 0 | 25 | 90 | 25 | 0 | 25 |
| 1 | 29 | ■ | 6 | 2 | 2 | 0 | 30 | 128 | 30 | 0 | 30 |
| 1 | 30 | ■ | 6 | 2 | 2 | 50 | 25 | 346 | 30 | 50 | 25 |
| 1 | 31 | ■ | 6 | 6 | 2 | 0 | 9 | 418 | 9 | 0 | 9 |
| 1 | 32 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 1 | 33 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 1 | 34 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 1 | 35 | ■ | 6 | 2 | 2 | 234 | 10 | 437 | 20 | 234 | 10 |
| 1 | 36 | ■ | 6 | 2 | 2 | 0 | 10 | 0 | 20 | 9 | 10 |
| 1 | 37 | ■ | 6 | 2 | 2 | 106 | 25 | 179 | 25 | 106 | 25 |
| 5 | 1 | ■ | 6 | 2 | 2 | 0 | 40 | 283 | 40 | 0 | 40 |
| 5 | 2 | ■ | 6 | 2 | 2 | 0 | 20 | 82 | 20 | 0 | 20 |
| 5 | 3 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 5 | 4 | ■ | 6 | 2 | 2 | 0 | 20 | 82 | 20 | 0 | 20 |
| 5 | 5 | ■ | 6 | 2 | 2 | 0 | 10 | 135 | 10 | 0 | 10 |
| 5 | 6 | ■ | 6 | 2 | 2 | 0 | 10 | 139 | 10 | 0 | 10 |
| 5 | 7 | ■ | 6 | 6 | 2 | 0 | 9 | 418 | 9 | 0 | 9 |
| 2 | 1 | ■ | 6 | 2 | 2 | 0 | 30 | 215 | 30 | 0 | 30 |
| 2 | 2 | ■ | 6 | 2 | 2 | 80 | 20 | 233 | 30 | 80 | 18 |
| 2 | 3 | ■ | 6 | 2 | 2 | 100 | 30 | 261 | 30 | 50 | 20 |
| 2 | 4 | ■ | 6 | 2 | 2 | 0 | 30 | 210 | 30 | 0 | 30 |
| 2 | 5 | ■ | 6 | 2 | 2 | 0 | 35 | 497 | 35 | 0 | 35 |
| 2 | 6 | ■ | 6 | 2 | 2 | 0 | 30 | 237 | 30 | 0 | 30 |
| 2 | 7 | ■ | 6 | 2 | 2 | 0 | 30 | 193 | 30 | 0 | 30 |
| 2 | 8 | ■ | 6 | 2 | 2 | 0 | 30 | 233 | 30 | 0 | 30 |
| 2 | 9 | ■ | 6 | 2 | 2 | 0 | 25 | 497 | 25 | 0 | 25 |
| 2 | 10 | ■ | 6 | 2 | 2 | 60 | 22 | 324 | 25 | 60 | 22 |
| 2 | 11 | ■ | 6 | 2 | 2 | 0 | 25 | 385 | 25 | 0 | 25 |
| 2 | 12 | ■ | 6 | 2 | 2 | 60 | 20 | 352 | 25 | 60 | 20 |
| 2 | 13 | ■ | 6 | 2 | 2 | 0 | 40 | 483 | 40 | 0 | 40 |
| 2 | 14 | ■ | 6 | 2 | 2 | 25 | 25 | 399 | 30 | 0 | 30 |
| 2 | 15 | ■ | 6 | 2 | 2 | 0 | 30 | 178 | 30 | 0 | 30 |
| 2 | 16 | ■ | 6 | 2 | 2 | 0 | 30 | 406 | 30 | 0 | 30 |
| 2 | 17 | ■ | 6 | 2 | 2 | 0 | 40 | 240 | 40 | 0 | 40 |
| 2 | 18 | ■ | 6 | 2 | 2 | 86 | 20 | 295 | 20 | 50 | 18 |
| 2 | 19 | ■ | 6 | 2 | 2 | 60 | 18 | 370 | 20 | 0 | 20 |
| 2 | 20 | ■ | 6 | 2 | 2 | 85 | 20 | 238 | 20 | 86 | 20 |
| 2 | 21 | ■ | 6 | 2 | 2 | 0 | 30 | 483 | 30 | 0 | 30 |
| 2 | 22 | ■ | 6 | 2 | 2 | 0 | 25 | 318 | 25 | 0 | 25 |
| 2 | 23 | ■ | 6 | 2 | 2 | 0 | 20 | 202 | 20 | 0 | 20 |
| 2 | 24 | ■ | 6 | 2 | 2 | 0 | 40 | 202 | 40 | 40 | 30 |
| 2 | 25 | ■ | 6 | 2 | 2 | 0 | 25 | 164 | 25 | 0 | 25 |
| 2 | 26 | ■ | 6 | 2 | 2 | 50 | 25 | 54 | 30 | 50 | 25 |
| 2 | 27 | ■ | 6 | 2 | 2 | 0 | 25 | 340 | 25 | 0 | 25 |
| 2 | 28 | ■ | 6 | 2 | 2 | 0 | 25 | 516 | 25 | 0 | 25 |
| 2 | 29 | ■ | 6 | 2 | 2 | 0 | 30 | 128 | 30 | 0 | 30 |
| 2 | 30 | ■ | 6 | 2 | 2 | 50 | 25 | 354 | 30 | 50 | 25 |
| 2 | 31 | ■ | 6 | 2 | 2 | 0 | 25 | 520 | 25 | 0 | 25 |
| 2 | 32 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 2 | 33 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 2 | 34 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |

| | | | | | | | | | | | |
|---|----|---|---|---|---|-----|----|-----|----|----|----|
| 2 | 35 | ■ | 6 | 6 | 2 | 0 | 9 | 418 | 9 | 0 | 9 |
| 2 | 36 | ■ | 6 | 2 | 2 | 0 | 10 | 19 | 20 | 9 | 10 |
| 6 | 1 | ■ | 6 | 2 | 2 | 0 | 40 | 283 | 40 | 0 | 40 |
| 6 | 2 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 6 | 3 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 6 | 4 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 6 | 5 | ■ | 6 | 2 | 2 | 0 | 10 | 135 | 10 | 0 | 10 |
| 6 | 6 | ■ | 6 | 2 | 2 | 0 | 10 | 139 | 10 | 0 | 10 |
| 6 | 7 | ■ | 6 | 6 | 2 | 0 | 9 | 418 | 9 | 0 | 9 |
| 3 | 1 | ■ | 6 | 2 | 2 | 0 | 30 | 215 | 30 | 0 | 30 |
| 3 | 2 | ■ | 6 | 2 | 2 | 50 | 25 | 293 | 30 | 50 | 25 |
| 3 | 3 | ■ | 6 | 2 | 2 | 0 | 30 | 331 | 30 | 80 | 20 |
| 3 | 4 | ■ | 6 | 2 | 2 | 0 | 30 | 210 | 30 | 0 | 30 |
| 3 | 5 | ■ | 6 | 2 | 2 | 0 | 35 | 497 | 35 | 0 | 35 |
| 3 | 6 | ■ | 6 | 2 | 2 | 0 | 30 | 237 | 30 | 0 | 30 |
| 3 | 7 | ■ | 6 | 2 | 2 | 0 | 30 | 193 | 30 | 0 | 30 |
| 3 | 8 | ■ | 6 | 2 | 2 | 0 | 30 | 203 | 30 | 30 | 28 |
| 3 | 9 | ■ | 6 | 2 | 2 | 0 | 25 | 497 | 25 | 0 | 25 |
| 3 | 10 | ■ | 6 | 2 | 2 | 60 | 22 | 324 | 25 | 60 | 22 |
| 3 | 11 | ■ | 6 | 2 | 2 | 0 | 25 | 385 | 25 | 0 | 25 |
| 3 | 12 | ■ | 6 | 2 | 2 | 60 | 20 | 352 | 25 | 60 | 20 |
| 3 | 13 | ■ | 6 | 2 | 2 | 0 | 40 | 483 | 40 | 0 | 40 |
| 3 | 14 | ■ | 6 | 2 | 2 | 25 | 25 | 399 | 30 | 0 | 30 |
| 3 | 15 | ■ | 6 | 2 | 2 | 0 | 30 | 178 | 30 | 0 | 30 |
| 3 | 16 | ■ | 6 | 2 | 2 | 0 | 30 | 406 | 30 | 0 | 30 |
| 3 | 17 | ■ | 6 | 2 | 2 | 0 | 40 | 240 | 40 | 0 | 40 |
| 3 | 18 | ■ | 6 | 2 | 2 | 86 | 20 | 295 | 20 | 50 | 18 |
| 3 | 19 | ■ | 6 | 2 | 2 | 60 | 18 | 370 | 20 | 0 | 20 |
| 3 | 20 | ■ | 6 | 2 | 2 | 85 | 20 | 238 | 20 | 86 | 20 |
| 3 | 21 | ■ | 6 | 2 | 2 | 0 | 30 | 483 | 30 | 0 | 30 |
| 3 | 22 | ■ | 6 | 2 | 2 | 0 | 25 | 318 | 25 | 0 | 25 |
| 3 | 23 | ■ | 6 | 2 | 2 | 0 | 20 | 202 | 20 | 0 | 20 |
| 3 | 24 | ■ | 6 | 2 | 2 | 0 | 40 | 202 | 40 | 40 | 30 |
| 3 | 25 | ■ | 6 | 2 | 2 | 0 | 25 | 164 | 25 | 0 | 25 |
| 3 | 26 | ■ | 6 | 2 | 2 | 0 | 25 | 102 | 25 | 52 | 20 |
| 3 | 27 | ■ | 6 | 2 | 2 | 0 | 25 | 340 | 25 | 0 | 25 |
| 3 | 28 | ■ | 6 | 2 | 2 | 0 | 25 | 516 | 25 | 0 | 25 |
| 3 | 29 | ■ | 6 | 2 | 2 | 0 | 30 | 128 | 30 | 0 | 30 |
| 3 | 30 | ■ | 6 | 2 | 2 | 50 | 25 | 354 | 30 | 50 | 25 |
| 3 | 31 | ■ | 6 | 2 | 2 | 0 | 25 | 520 | 25 | 0 | 25 |
| 3 | 32 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 3 | 33 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 3 | 34 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 3 | 35 | ■ | 6 | 6 | 2 | 0 | 9 | 418 | 9 | 0 | 9 |
| 3 | 36 | ■ | 6 | 2 | 2 | 0 | 10 | 19 | 20 | 9 | 10 |
| 7 | 1 | ■ | 6 | 2 | 2 | 0 | 40 | 283 | 40 | 0 | 40 |
| 7 | 2 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 7 | 3 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 7 | 4 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 7 | 5 | ■ | 6 | 2 | 2 | 0 | 10 | 135 | 10 | 0 | 10 |
| 7 | 6 | ■ | 6 | 2 | 2 | 0 | 10 | 139 | 10 | 0 | 10 |
| 7 | 7 | ■ | 6 | 6 | 2 | 0 | 9 | 418 | 9 | 0 | 9 |
| 4 | 1 | ■ | 6 | 2 | 2 | 0 | 30 | 215 | 30 | 0 | 30 |
| 4 | 2 | ■ | 6 | 2 | 2 | 80 | 20 | 233 | 30 | 80 | 18 |
| 4 | 3 | ■ | 6 | 2 | 2 | 100 | 20 | 251 | 30 | 60 | 20 |
| 4 | 4 | ■ | 6 | 2 | 2 | 40 | 20 | 170 | 30 | 0 | 30 |
| 4 | 5 | ■ | 6 | 2 | 2 | 0 | 35 | 497 | 35 | 0 | 35 |
| 4 | 6 | ■ | 6 | 2 | 2 | 0 | 30 | 237 | 30 | 0 | 30 |
| 4 | 7 | ■ | 6 | 2 | 2 | 0 | 30 | 193 | 30 | 0 | 30 |
| 4 | 8 | ■ | 6 | 2 | 2 | 0 | 30 | 233 | 30 | 0 | 30 |
| 4 | 9 | ■ | 6 | 2 | 2 | 0 | 25 | 497 | 25 | 0 | 25 |
| 4 | 10 | ■ | 6 | 2 | 2 | 60 | 22 | 324 | 25 | 60 | 22 |
| 4 | 11 | ■ | 6 | 2 | 2 | 0 | 25 | 385 | 25 | 0 | 25 |
| 4 | 12 | ■ | 6 | 2 | 2 | 60 | 20 | 352 | 25 | 60 | 22 |
| 4 | 13 | ■ | 6 | 2 | 2 | 0 | 40 | 483 | 40 | 0 | 40 |
| 4 | 14 | ■ | 6 | 2 | 2 | 0 | 30 | 424 | 30 | 0 | 30 |
| 4 | 15 | ■ | 6 | 2 | 2 | 0 | 30 | 178 | 30 | 0 | 30 |
| 4 | 16 | ■ | 6 | 2 | 2 | 0 | 30 | 406 | 30 | 0 | 30 |
| 4 | 17 | ■ | 6 | 2 | 2 | 0 | 40 | 240 | 40 | 0 | 40 |
| 4 | 18 | ■ | 6 | 2 | 2 | 86 | 20 | 295 | 20 | 50 | 18 |
| 4 | 19 | ■ | 6 | 2 | 2 | 60 | 18 | 370 | 20 | 0 | 20 |
| 4 | 20 | ■ | 6 | 2 | 2 | 85 | 20 | 238 | 20 | 86 | 20 |
| 4 | 21 | ■ | 6 | 2 | 2 | 0 | 30 | 483 | 30 | 0 | 30 |

| | | | | | | | | | | | |
|---|----|---|---|---|---|----|----|-----|----|----|----|
| 4 | 22 | ■ | 6 | 2 | 2 | 0 | 25 | 318 | 25 | 0 | 25 |
| 4 | 23 | ■ | 6 | 2 | 2 | 0 | 20 | 202 | 20 | 0 | 20 |
| 4 | 24 | ■ | 6 | 2 | 2 | 0 | 40 | 192 | 40 | 50 | 25 |
| 4 | 25 | ■ | 6 | 2 | 2 | 0 | 25 | 164 | 25 | 0 | 25 |
| 4 | 26 | ■ | 6 | 2 | 2 | 0 | 25 | 154 | 25 | 0 | 25 |
| 4 | 27 | ■ | 6 | 2 | 2 | 0 | 25 | 340 | 25 | 0 | 25 |
| 4 | 28 | ■ | 6 | 2 | 2 | 0 | 25 | 516 | 25 | 0 | 25 |
| 4 | 29 | ■ | 6 | 2 | 2 | 0 | 30 | 128 | 30 | 0 | 30 |
| 4 | 30 | ■ | 6 | 2 | 2 | 50 | 25 | 354 | 25 | 50 | 25 |
| 4 | 31 | ■ | 6 | 2 | 2 | 0 | 25 | 520 | 25 | 0 | 25 |
| 4 | 32 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 4 | 33 | ■ | 6 | 2 | 2 | 0 | 25 | 120 | 25 | 0 | 25 |
| 4 | 34 | ■ | 6 | 2 | 2 | 0 | 21 | 82 | 21 | 0 | 21 |
| 4 | 35 | ■ | 6 | 2 | 2 | 0 | 10 | 19 | 20 | 9 | 10 |

Maglie Megaparete 1

| Lato | Filo | Piano | Dir. Princ. [°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|-----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Inf | 27 | 0 | 0 | 0 | 0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 27 | 1 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 27 | 2 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 27 | 3 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 27 | 4 | 0 | 0 | -0.2 | Fe dritti | 1.5 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 36 | 1 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 36 | 0 | 0 | 0 | 0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 36 | 3 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 36 | 2 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 36 | 4 | 0 | -0.5 | -0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 1 | 0 | 0 | 0 | Fe dritti | 3 | 20 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 0 | 0 | 0 | 0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 2 | 0 | 1 | -1 | Fe dritti | 3 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Inf | 10 | 3 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 4 | 0 | 1 | -0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Sup | 10 | 2 | 0 | 1 | -0.5 | Fe dritti | 3.5 | 20 | 0.4 | 8 | 3 | 12 | ∞ | 0 |
| Sup | 10 | 4 | 0 | 1 | -0.5 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Sup | 36 | 4 | 0 | 0 | -0.5 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |

Maglie rettangolare cuciture Megaparete 1

| Lato | Filo | Piano | Dir. Princ. [°] | ΔX [m] | ΔY [m] | Ø [mm] | Dir.principale | | | Dir.secondaria | | |
|------|------|-------|-----------------|--------|--------|--------|----------------|---------|--------------|----------------|---------|--------------|
| | | | | | | | passo [m] | n Cucit | dim.buco [m] | passo [m] | n Cucit | dim.buco [m] |
| | 27 | 1 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 27 | 2 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 27 | 3 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 27 | 4 | 0 | 0.3 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 36 | 1 | 0 | 0 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 36 | 2 | 0 | 0 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 36 | 3 | 0 | 0 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 36 | 4 | 0 | 0 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 1 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 2 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 3 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 4 | 0 | 0.3 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 2 | 0 | 2 | -1 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |

Maglie Megaparete 2

| Lato | Filo | Piano | Dir. Princ. [°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|-----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Inf | 5 | 2 | 0 | 2.7 | -0.7 | Fe dritti | 2.5 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Inf | 5 | 1 | 0 | 2.7 | 0.7 | Fe dritti | 2.5 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Inf | 5 | 3 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 5 | 2 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 5 | 1 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 5 | 4 | 0 | 0 | -0.5 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 5 | 0 | 0 | 0 | 0.5 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 12 | 4 | 0 | 0 | -0.5 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |

| | | | | | | | | | | | | | | |
|-----|---|---|---|-----|------|-----------|---|----|-----|---|-----|----|---|---|
| Sup | 5 | 2 | 0 | 2.7 | -0.7 | Fe dritti | 2 | 20 | 0.4 | 4 | 1.5 | 12 | ∞ | 0 |
| Sup | 5 | 1 | 0 | 2.7 | 0.7 | Fe dritti | 2 | 20 | 0.4 | 4 | 1.5 | 12 | ∞ | 0 |

Maglie rettangolare cuciture Megaparete 2

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Ø [mm] | Dir.principale | | | Dir.secondaria | | |
|------|------|-------|----------------|--------|--------|--------|----------------|---------|--------------|----------------|---------|--------------|
| | | | | | | | passo [m] | n Cucit | dim.buco [m] | passo [m] | n Cucit | dim.buco [m] |
| | 5 | 0 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 5 | 1 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 5 | 2 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 5 | 3 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 12 | 1 | 0 | -0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 12 | 4 | 0 | -0.3 | -0.5 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |

Maglie Megaparete 3

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Inf | 10 | 1 | 0 | 0 | 0 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 2 | 0 | 0 | 0 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 3 | 0 | 0 | 0 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 4 | 0 | 0 | -0.5 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 5 | 1 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 6 | 4 | 0 | 0 | -0.5 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 10 | 0 | 0 | 0 | 0.5 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Sup | 10 | 4 | 0 | 0 | -0.5 | Fe dritti | 2 | 16 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Sup | 10 | 1 | 0 | 0 | 0 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Sup | 10 | 0 | 0 | 0 | 0.5 | Fe dritti | 2 | 16 | 0.4 | 5 | 2 | 12 | ∞ | 0 |

Maglie rettangolare cuciture Megaparete 3

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Ø [mm] | Dir.principale | | | Dir.secondaria | | |
|------|------|-------|----------------|--------|--------|--------|----------------|---------|--------------|----------------|---------|--------------|
| | | | | | | | passo [m] | n Cucit | dim.buco [m] | passo [m] | n Cucit | dim.buco [m] |
| | 10 | 1 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 2 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 3 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 10 | 4 | 0 | 0.3 | -0.3 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 11 | 4 | 0 | -0.3 | -0.3 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 5 | 1 | 0 | 0.3 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 5 | 4 | 0 | 0.3 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 6 | 4 | 0 | -0.3 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |

Maglie Megaparete 4

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Inf | 30 | 0 | 0 | 0 | 0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 30 | 1 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 30 | 2 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 30 | 3 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 30 | 4 | 0 | 0 | -0.2 | Fe dritti | 1.5 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 31 | 0 | 0 | 0 | 0.3 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 31 | 1 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 31 | 2 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 31 | 3 | 0 | 0 | 0 | Fe dritti | 1 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Inf | 31 | 4 | 0 | 0 | -0.2 | Fe dritti | 1.5 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Sup | 31 | 4 | 0 | 0 | -0.6 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |
| Sup | 30 | 4 | 0 | 0 | -0.6 | Fe dritti | 2 | 16 | 0.4 | 3 | 1 | 12 | ∞ | 0 |

Maglie rettangolare cuciture Megaparete 4

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Ø [mm] | Dir.principale | | | Dir.secondaria | | |
|------|------|-------|----------------|--------|--------|--------|----------------|---------|--------------|----------------|---------|--------------|
| | | | | | | | passo [m] | n Cucit | dim.buco [m] | passo [m] | n Cucit | dim.buco [m] |
| | 31 | 1 | 0 | -0.6 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 31 | 2 | 0 | -0.6 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 31 | 3 | 0 | -0.6 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |

| | | | | | | | | | | | | |
|--|----|---|---|------|------|----|-----|---|---|-----|---|---|
| | 31 | 4 | 0 | -0.6 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 30 | 4 | 0 | 0.6 | -0.6 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 30 | 3 | 0 | 0.6 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 30 | 2 | 0 | 0.6 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |
| | 30 | 1 | 0 | 0.6 | 0 | 12 | 0.2 | 6 | 0 | 0.2 | 6 | 0 |

Maglie Megaparete 5

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 20 | 0.2 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 20 | 0.2 | | ∞ | 20 | 0.2 | |

Maglie Megaparete 6

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 20 | 0.4 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 20 | 0.4 | | ∞ | 20 | 0.2 | |
| Inf | 4 | 1 | 0 | 2.5 | 0 | Fe dritti | 5 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Inf | 4 | 2 | 0 | 2.5 | -0.8 | Fe dritti | 5 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Inf | 4 | 3 | 0 | 2.5 | -0.8 | Fe dritti | 5 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |
| Sup | 4 | 2 | 0 | 2.5 | -0.8 | Fe dritti | 5 | 20 | 0.4 | 5 | 2 | 12 | ∞ | 0 |

Maglie Megaparete 7

| Lato | Filo | Piano | Dir. Princ.[°] | ΔX [m] | ΔY [m] | Tipo | Dir.principale | | | | Dir.secondaria | | | |
|------|------|-------|----------------|--------|--------|-----------|----------------|--------|-----------|---------|----------------|--------|-----------|---------|
| | | | | | | | Dim. [m] | Ø [mm] | Passo [m] | N.tond. | Dim. [m] | Ø [mm] | Passo [m] | N.tond. |
| Inf | | | 0 | 0 | 0 | Fe dritti | ∞ | 16 | 0.4 | | ∞ | 20 | 0.2 | |
| Sup | | | 0 | 0 | 0 | Fe dritti | ∞ | 20 | 0.4 | | ∞ | 20 | 0.2 | |

Armatura Travetti Solai: Filanti posati in opera

| Piano | Travetto | Arm.Inf | | Arm.Sup | | n.Appoggi Traliccio |
|-------|----------|---------|----|---------|----|---------------------|
| | | n. | Ø | n. | Ø | |
| 1 | 1 | 2 | 16 | 0 | 12 | 2 |
| 1 | 2 | 2 | 16 | 0 | 12 | 2 |
| 1 | 3 | 2 | 16 | 0 | 12 | 2 |
| 1 | 4 | 2 | 16 | 0 | 12 | 2 |
| 1 | 5 | 2 | 16 | 0 | 12 | 2 |
| 1 | 6 | 2 | 16 | 2 | 16 | 2 |
| 1 | 7 | 2 | 16 | 2 | 16 | 2 |
| 1 | 8 | 2 | 16 | 0 | 12 | 2 |
| 1 | 9 | 2 | 16 | 2 | 16 | 2 |
| 1 | 10 | 2 | 16 | 0 | 12 | 2 |
| 1 | 11 | 2 | 16 | 0 | 12 | 2 |
| 1 | 12 | 2 | 16 | 0 | 12 | 2 |
| 1 | 13 | 2 | 16 | 0 | 12 | 2 |

Questa armatura è aggiuntiva a quella eventualmente già presente nei tralicci.

Armatura Travetti Solai: Monconi

| | | | Monc. sup 'A' | | | Monc. sup 'B' | | | Monc. inf | | | Fascia [m] | | |
|-------|----------|------|---------------|----|----------|---------------|----|----------|-----------|---|----------|------------|-------|--------|
| Piano | Travetto | Lato | n.Fe | Ø | Lung.[m] | n.Fe | Ø | Lung.[m] | n.Fe | Ø | Lung.[m] | appoggio | piena | ½piena |
| 1 | 1 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 1 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 2 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.075 | 0 | 0 |
| 1 | 2 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 3 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 3 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 4 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.15 | 0 | 0 |
| 1 | 4 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.075 | 0 | 0 |
| 1 | 5 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 5 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 6 Sx | | 0 | 16 | 1.5 | 0 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 6 Dx | | 0 | 16 | 0.5 | 0 | 16 | 1.2 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 7 Sx | | 0 | 16 | 1.5 | 0 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 7 Dx | | 0 | 16 | 1.5 | 0 | 16 | 1.5 | 0 | 6 | 0 | 0.15 | 0 | 0 |
| 1 | 8 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 8 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 9 Sx | | 0 | 16 | 2.5 | 0 | 16 | 2.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 9 Dx | | 0 | 16 | 2.5 | 0 | 16 | 2.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 10 Sx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |
| 1 | 10 Dx | | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.06 | 0 | 0 |

| | | | | | | | | | | | | | | |
|---|----|----|---|----|-----|---|----|-----|---|---|---|-------|---|---|
| 1 | 11 | Sx | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.075 | 0 | 0 |
| 1 | 11 | Dx | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 12 | Sx | 1 | 16 | 1.5 | 1 | 16 | 1.2 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 12 | Dx | 1 | 16 | 1.5 | 1 | 16 | 1.5 | 0 | 6 | 0 | 0.15 | 0 | 0 |
| 1 | 13 | Sx | 1 | 16 | 0.5 | 1 | 16 | 1.2 | 0 | 6 | 0 | 0.125 | 0 | 0 |
| 1 | 13 | Dx | 1 | 16 | 0.5 | 1 | 16 | 1.2 | 0 | 6 | 0 | 0.06 | 0 | 0 |

Verifiche

Regolarità in pianta

| Piano | Condizione A | | | Condizione B | | | Condizione C | | | | | Tot ABC | |
|-------|--------------|-----------------|--------|--------------|--------|--------|-------------------|-----------------|-------------------|-----------------|--------|---------|--------|
| | Area [m²] | Area Conv. [m²] | Coef A | Lx [m] | Ly [m] | Coef B | rig Piano X [N/m] | rig inf X [N/m] | rig Piano Y [N/m] | rig inf Y [N/m] | Coef C | Coef. | Verif. |
| 1 | 244.48 | 368.72 | 10.1 | 19.48 | 21.38 | 0.274 | 675M | 12.2G | 1.01G | 15.4G | 18.1 | 18.1 | No |
| 2 | 244.48 | 368.72 | 10.1 | 19.48 | 21.38 | 0.274 | 1.16G | 4.46G | 1.73G | 4.56G | 3.85 | 10.1 | No |
| 3 | 244.48 | 368.72 | 10.1 | 19.48 | 21.38 | 0.274 | 1.14G | 3.53G | 1.70G | 3.13G | 3.10 | 10.1 | No |
| 4 | 244.48 | 368.72 | 10.1 | 19.48 | 21.38 | 0.274 | 1.12G | 2.02G | 1.68G | 1.85G | 1.80 | 10.1 | No |

Condizioni §7.2.1 NTC18

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Regolarità in altezza

| | Condizione D | | Condizione E | | | | Condizione F | | | | | Condizione G | | Tot DEFG | |
|-------|---------------------|--------|--------------|-------------|------------|--------|--------------|-----------|-------------|-----------|--------|--------------|--------|----------|-------|
| Piano | Elemento Interrotto | Coef.D | rig.X [N/m] | rig.Y [N/m] | massa [kg] | Coef.E | f SLV X [N] | res X [N] | f SLV Y [N] | res Y [N] | Coef.F | Area [m²] | Coef.G | Coef | Verif |
| 1 | - | - | 12.2G | 15.4G | 419752 | - | 5.06M | 13.5M | 4.84M | 12.8M | - | 244.48 | - | - | - |
| 2 | | 0.000 | 4.46G | 4.56G | 356843 | 2.36 | 4.57M | 10.1M | 4.37M | 8.72M | 0.769 | 244.48 | 0.952 | 2.36 | No |
| 3 | | 0.000 | 3.53G | 3.13G | 356875 | 1.02 | 3.54M | 10.1M | 3.39M | 8.71M | 0.769 | 244.48 | 0.952 | 1.02 | No |
| 4 | Par.36-37 | 2.00 | 2.02G | 1.85G | 306286 | 1.22 | 1.90M | 10.1M | 1.82M | 8.69M | - | 244.48 | - | 2.00 | No |

Condizioni §7.2.1 NTC18

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Rigididezza torsionale

| Piano | NTC18 | | | CNTC18 | | | | Tot | |
|-------|--------|--------|---------|--------|--------|---------|------|-------|-------|
| | Is [m] | r [m] | Coef | Tx [s] | Ty [s] | Trz [s] | Coef | Coef | Verif |
| 1 | 8.5488 | 9.3284 | 0.91643 | | | | | 0.916 | Si |
| 2 | 8.9972 | 10.647 | 0.84508 | | | | | 0.845 | Si |
| 3 | 9.0073 | 10.226 | 0.88079 | | | | | 0.880 | Si |
| 4 | 8.8929 | 10.616 | 0.83772 | | | | | 0.837 | Si |

§7.4.3.1 NTC18/CNTC18

Legenda tabella verifiche Stati Limite Ultimi e di esercizio beam CA

- **Zona:** Nel riportare i risultati delle verifiche effettuate si è diviso ogni pilastro o trave in zone. Per ogni zona e per ogni tipo di verifica sono riportati i coefficienti di verifica normalizzati ad 1.
- **z Ini :** Ascissa iniziale della zona di verifica. Per i pilastri il nodo iniziale è il nodo superiore.
- **z Fin :** Ascissa finale della zona di verifica.
- **Stati Limite Ultimi :** Verifiche agli Stati Limite Ultimi
- **N-Mx-My:** Coefficiente massimo di verifica secondo la (4.1.19) NTC18
- **ctg(θ):** Massima inclinazione del traliccio per le verifiche a taglio e a torsione
- **calcestr. Vx-Vy-Mt :** Coefficiente di verifica del calcestruzzo a taglio e a torsione secondo la (5.2)
- **acciaio Vx-Vy :** Coefficiente di verifica delle staffe a taglio secondo la (5.3)
- **As Long. Mt:** Coefficiente di verifica dell'armatura longitudinale a torsione secondo la (4.1.37) NTC18
- **As Trasv. Mt:** Coefficiente di verifica dell'armatura trasversale a torsione secondo la (4.1.36) NTC18
- **Arm X z.Crit :** Coefficiente di verifica della necessità dell'armatura diagonale a taglio nelle zone critiche. (§7.4.4.1.1. NTC18)
- **Ned Max :** Coefficiente di verifica compressione massima secondo il §7.4.4.2.1 NTC18
- **Stati Limite di Esercizio :** Verifiche agli Stati Limite di Esercizio.
- **Tesn. N-Mx-My:** Coefficiente di verifica stato limite di tensione in presso-flessione deviata secondo la (5.4)
- **Fess w/wa:** Coefficiente di verifica stato limite di fessurazione in presso-flessione semplice come descritto nel §5.3
- **FessN-Mx-My:** Coefficiente di verifica stato limite di fessurazione in presso-flessione deviata come descritto nel §5.3
- **Deform. 250f/L:** Coefficiente di verifica stato limite di deformazione come descritto nel §5.4

Piano 1. Verifiche SL Travi

| N° | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|--------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 2 | 0.000 | 0.955 | 0.404 | 1.000 | 0.147 | 0.425 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 0.955 | 1.730 | 0.477 | 1.000 | 0.080 | 0.230 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 1.730 | 2.505 | 0.486 | 1.000 | 0.058 | 0.165 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 2.505 | 3.280 | 0.376 | 1.000 | 0.125 | 0.361 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 3.280 | 4.300 | 0.684 | 1.000 | 0.193 | 0.556 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 0.000 | 1.020 | 0.636 | 1.000 | 0.163 | 0.468 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 1.020 | 1.855 | 0.274 | 1.000 | 0.104 | 0.299 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 1.855 | 2.690 | 0.306 | 1.000 | 0.045 | 0.128 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 2.690 | 3.525 | 0.294 | 1.000 | 0.075 | 0.213 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 3.525 | 4.480 | 0.335 | 1.000 | 0.133 | 0.382 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|--------|----|---|---|---|---|---|
| 4 | 0.000 | 0.955 | 0.275 | 1.000 | 0.081 | 0.226 | 0.003 | 0.004 | - | 0.000 | Si | - | - | - | - | - |
| 4 | 0.955 | 1.515 | 0.100 | 1.000 | 0.039 | 0.105 | 0.003 | 0.004 | - | 0.000 | Si | - | - | - | - | - |
| 4 | 1.515 | 2.470 | 0.228 | 1.000 | 0.076 | 0.213 | 0.003 | 0.004 | - | 0.000 | Si | - | - | - | - | - |
| 5 | 0.000 | 0.955 | 0.503 | 1.417 | 0.154 | 0.998 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 0.955 | 2.098 | 0.415 | 1.000 | 0.087 | 0.846 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 2.098 | 3.242 | 0.351 | 1.000 | 0.031 | 0.299 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 3.242 | 4.385 | 0.399 | 1.000 | 0.089 | 0.872 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 4.385 | 5.340 | 0.536 | 1.443 | 0.157 | 0.998 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.955 | 0.467 | 1.868 | 0.268 | 0.996 | 0.016 | 0.006 | - | - | Si | - | - | - | - | - |
| 6 | 0.955 | 1.780 | 0.479 | 1.000 | 0.051 | 0.422 | 0.009 | 0.006 | - | - | Si | - | - | - | - | - |
| 6 | 1.780 | 2.700 | 0.548 | 1.947 | 0.286 | 0.996 | 0.017 | 0.006 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.920 | 0.505 | 1.559 | 0.204 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.920 | 1.310 | 0.268 | 1.000 | 0.038 | 0.323 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.310 | 2.230 | 0.486 | 1.537 | 0.200 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 8 | 0.000 | 0.920 | 0.552 | 1.837 | 0.261 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 0.920 | 1.705 | 0.561 | 1.000 | 0.049 | 0.408 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 1.705 | 2.660 | 0.548 | 1.903 | 0.276 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 0.000 | 0.955 | 0.440 | 1.000 | 0.164 | 0.474 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.596 | 1.000 | 0.091 | 0.264 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.618 | 1.000 | 0.056 | 0.162 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.482 | 1.000 | 0.130 | 0.375 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.695 | 1.000 | 0.203 | 0.585 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.603 | 1.000 | 0.156 | 0.450 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.285 | 1.000 | 0.093 | 0.268 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.174 | 1.000 | 0.034 | 0.096 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.346 | 1.000 | 0.099 | 0.286 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.667 | 1.000 | 0.162 | 0.468 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.778 | 1.000 | 0.216 | 0.622 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.528 | 1.000 | 0.138 | 0.398 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.690 | 1.000 | 0.059 | 0.171 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.661 | 1.000 | 0.097 | 0.281 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.460 | 1.000 | 0.175 | 0.505 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.381 | 1.000 | 0.133 | 0.384 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.499 | 1.000 | 0.076 | 0.218 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.524 | 1.000 | 0.040 | 0.115 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.437 | 1.000 | 0.098 | 0.282 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.423 | 1.000 | 0.155 | 0.447 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.374 | 1.000 | 0.063 | 0.181 | 0.001 | 0.001 | - | -0.001 | Si | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.243 | 1.000 | 0.010 | 0.028 | 0.001 | 0.001 | - | -0.001 | Si | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.348 | 1.000 | 0.057 | 0.165 | 0.001 | 0.001 | - | -0.001 | Si | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.369 | 1.000 | 0.141 | 0.409 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.335 | 1.000 | 0.087 | 0.250 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.390 | 1.000 | 0.035 | 0.101 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.353 | 1.000 | 0.079 | 0.230 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.398 | 1.000 | 0.134 | 0.388 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.489 | 1.315 | 0.123 | 0.997 | 0.005 | 0.003 | - | - | Si | - | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.412 | 1.000 | 0.035 | 0.387 | 0.003 | 0.003 | - | - | Si | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.405 | 1.147 | 0.104 | 0.996 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.768 | 2.062 | 0.376 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.954 | 1.160 | 0.168 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.471 | 1.000 | 0.100 | 0.701 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.831 | 1.626 | 0.261 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.542 | 2.286 | 0.496 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.479 | 2.195 | 0.463 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.743 | 1.526 | 0.238 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.414 | 1.000 | 0.086 | 0.602 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.799 | 1.244 | 0.182 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.608 | 2.157 | 0.405 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 22 | 0.000 | 1.114 | 0.362 | 1.382 | 0.209 | 0.995 | 0.015 | 0.006 | - | - | Si | - | - | - | - | - |
| 22 | 1.114 | 2.556 | 0.378 | 1.000 | 0.087 | 0.596 | 0.011 | 0.006 | - | - | Si | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.376 | 1.444 | 0.222 | 0.995 | 0.016 | 0.006 | - | - | Si | - | - | - | - | - |
| 23 | 0.635 | 0.000 | 0.581 | 2.058 | 0.626 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 23 | 1.755 | 0.635 | 0.815 | 1.278 | 0.236 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 23 | 2.390 | 1.755 | 0.966 | 2.170 | 0.512 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.112 | 1.023 | 0.097 | 0.982 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 0.575 | 1.068 | 0.205 | 1.000 | 0.078 | 0.788 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 1.068 | 1.562 | 0.176 | 1.000 | 0.042 | 0.369 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 1.562 | 2.055 | 0.208 | 1.000 | 0.070 | 0.700 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 2.055 | 2.770 | 0.169 | 1.000 | 0.094 | 0.750 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 26 | 0.000 | 0.649 | 0.275 | 1.963 | 0.349 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 26 | 0.649 | 1.326 | 0.129 | 1.000 | 0.115 | 0.956 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.275 | 2.357 | 0.392 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.435 | 2.124 | 0.491 | 0.998 | 0.006 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.720 | 1.304 | 0.240 | 0.998 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.583 | 1.000 | 0.083 | 0.576 | 0.003 | 0.003 | - | - | Si | - | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.758 | 1.219 | 0.221 | 0.997 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.316 | 2.039 | 0.459 | 0.998 | 0.006 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.243 | 1.706 | 0.234 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.164 | 1.000 | 0.109 | 0.914 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.340 | 2.251 | 0.363 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 30 | 0.000 | 1.200 | 0.922 | 2.402 | 0.485 | 0.998 | 0.012 | 0.001 | - | - | Si | - | - | - | - | - |
| 30 | 1.200 | 2.020 | 0.985 | 1.211 | 0.147 | 0.997 | 0.006 | 0.002 | - | - | Si | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 30 | 2.020 | 2.840 | 0.487 | 1.000 | 0.006 | 0.046 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - |
| 30 | 2.840 | 3.660 | 0.964 | 1.304 | 0.161 | 0.997 | 0.006 | 0.002 | - | - | Si | - | - | - | - | - |
| 30 | 3.660 | 4.910 | 0.914 | 2.493 | 0.517 | 0.998 | 0.012 | 0.001 | - | - | Si | - | - | - | - | - |
| 31 | 0.000 | 0.160 | 0.083 | 1.000 | 0.033 | 0.242 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 0.160 | 1.438 | 0.399 | 1.000 | 0.027 | 0.192 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 1.438 | 2.715 | 0.367 | 1.000 | 0.014 | 0.067 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 2.715 | 3.993 | 0.335 | 1.000 | 0.030 | 0.216 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 3.993 | 4.178 | 0.136 | 1.000 | 0.035 | 0.266 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 32 | 0.000 | 0.295 | 0.614 | 2.440 | 0.455 | 0.939 | 0.314 | 0.062 | - | - | Si | - | - | - | - | - |
| 32 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.295 | 1.000 | 0.866 | 2.380 | 0.434 | 0.938 | 0.306 | 0.072 | - | - | Si | - | - | - | - | - |
| 33 | 0.000 | 0.898 | 0.351 | 1.000 | 0.084 | 0.731 | 0.080 | 0.072 | - | - | Si | - | - | - | - | - |
| 33 | 0.898 | 0.898 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.898 | 1.200 | 0.292 | 1.000 | 0.107 | 0.893 | 0.080 | 0.072 | - | - | Si | - | - | - | - | - |
| 34 | 0.000 | 0.407 | 0.348 | 1.000 | 0.113 | 0.783 | 0.080 | 0.061 | - | - | Si | - | - | - | - | - |
| 34 | 0.407 | 0.407 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.407 | 1.000 | 0.383 | 1.000 | 0.127 | 0.891 | 0.080 | 0.061 | - | - | Si | - | - | - | - | - |
| 37 | 0.000 | 1.100 | 0.651 | 1.000 | 0.047 | 0.334 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 37 | 1.100 | 3.110 | 0.239 | 1.000 | 0.033 | 0.235 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 37 | 3.110 | 4.250 | 0.181 | 1.000 | 0.007 | 0.052 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |

Piano 1. Verifiche SL Travi

| N° | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 2 | 0.000 | 0.955 | 0.404 | 1.000 | 0.147 | 0.425 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 0.955 | 1.730 | 0.477 | 1.000 | 0.080 | 0.230 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 1.730 | 2.505 | 0.486 | 1.000 | 0.058 | 0.165 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 2.505 | 3.280 | 0.376 | 1.000 | 0.125 | 0.361 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 2 | 3.280 | 4.300 | 0.684 | 1.000 | 0.193 | 0.556 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 0.000 | 1.020 | 0.636 | 1.000 | 0.163 | 0.468 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 1.020 | 1.855 | 0.274 | 1.000 | 0.104 | 0.299 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 1.855 | 2.690 | 0.306 | 1.000 | 0.045 | 0.128 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 2.690 | 3.525 | 0.294 | 1.000 | 0.075 | 0.213 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 3 | 3.525 | 4.480 | 0.335 | 1.000 | 0.133 | 0.382 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 4 | 0.000 | 0.955 | 0.275 | 1.000 | 0.081 | 0.226 | 0.003 | 0.004 | - | 0.000 | Si | - | - | - | - | - |
| 4 | 0.955 | 1.515 | 0.100 | 1.000 | 0.039 | 0.105 | 0.003 | 0.004 | - | 0.000 | Si | - | - | - | - | - |
| 4 | 1.515 | 2.470 | 0.228 | 1.000 | 0.076 | 0.213 | 0.003 | 0.004 | - | 0.000 | Si | - | - | - | - | - |
| 5 | 0.000 | 0.955 | 0.503 | 1.417 | 0.154 | 0.998 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 0.955 | 2.098 | 0.415 | 1.000 | 0.087 | 0.846 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 2.098 | 3.242 | 0.351 | 1.000 | 0.031 | 0.299 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 3.242 | 4.385 | 0.399 | 1.000 | 0.089 | 0.872 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 4.385 | 5.340 | 0.536 | 1.443 | 0.157 | 0.998 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.955 | 0.467 | 1.868 | 0.268 | 0.996 | 0.016 | 0.006 | - | - | Si | - | - | - | - | - |
| 6 | 0.955 | 1.780 | 0.479 | 1.000 | 0.051 | 0.422 | 0.009 | 0.006 | - | - | Si | - | - | - | - | - |
| 6 | 1.780 | 2.700 | 0.548 | 1.947 | 0.286 | 0.996 | 0.017 | 0.006 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.920 | 0.505 | 1.559 | 0.204 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.920 | 1.310 | 0.268 | 1.000 | 0.038 | 0.323 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.310 | 2.230 | 0.486 | 1.537 | 0.200 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 8 | 0.000 | 0.920 | 0.552 | 1.837 | 0.261 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 0.920 | 1.705 | 0.561 | 1.000 | 0.049 | 0.408 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 1.705 | 2.660 | 0.548 | 1.903 | 0.276 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 0.000 | 0.955 | 0.440 | 1.000 | 0.164 | 0.474 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.596 | 1.000 | 0.091 | 0.264 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.618 | 1.000 | 0.056 | 0.162 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.482 | 1.000 | 0.130 | 0.375 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.695 | 1.000 | 0.203 | 0.585 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.603 | 1.000 | 0.156 | 0.450 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.285 | 1.000 | 0.093 | 0.268 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.174 | 1.000 | 0.034 | 0.096 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.346 | 1.000 | 0.099 | 0.286 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.667 | 1.000 | 0.162 | 0.468 | 0.001 | 0.001 | - | -0.000 | Si | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.778 | 1.000 | 0.216 | 0.622 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.528 | 1.000 | 0.138 | 0.398 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.690 | 1.000 | 0.059 | 0.171 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.661 | 1.000 | 0.097 | 0.281 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.460 | 1.000 | 0.175 | 0.505 | 0.001 | 0.001 | - | 0.000 | Si | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.381 | 1.000 | 0.133 | 0.384 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.499 | 1.000 | 0.076 | 0.218 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.524 | 1.000 | 0.040 | 0.115 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.437 | 1.000 | 0.098 | 0.282 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.423 | 1.000 | 0.155 | 0.447 | 0.001 | 0.001 | - | 0.001 | Si | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.374 | 1.000 | 0.063 | 0.181 | 0.001 | 0.001 | - | -0.001 | Si | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.243 | 1.000 | 0.010 | 0.028 | 0.001 | 0.001 | - | -0.001 | Si | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.348 | 1.000 | 0.057 | 0.165 | 0.001 | 0.001 | - | -0.001 | Si | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.369 | 1.000 | 0.141 | 0.409 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.335 | 1.000 | 0.087 | 0.250 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.390 | 1.000 | 0.035 | 0.101 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.353 | 1.000 | 0.079 | 0.230 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.398 | 1.000 | 0.134 | 0.388 | 0.001 | 0.001 | - | 0.002 | Si | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.489 | 1.315 | 0.123 | 0.997 | 0.005 | 0.003 | - | - | Si | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 17 | 0.955 | 1.815 | 0.412 | 1.000 | 0.035 | 0.387 | 0.003 | 0.003 | - | - | Si | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.405 | 1.147 | 0.104 | 0.996 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.768 | 2.062 | 0.376 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.954 | 1.160 | 0.168 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.471 | 1.000 | 0.100 | 0.701 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.831 | 1.626 | 0.261 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.542 | 2.286 | 0.496 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.479 | 2.195 | 0.463 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.743 | 1.526 | 0.238 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.414 | 1.000 | 0.086 | 0.602 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.799 | 1.244 | 0.182 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.608 | 2.157 | 0.405 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 22 | 0.000 | 1.114 | 0.362 | 1.382 | 0.209 | 0.995 | 0.015 | 0.006 | - | - | Si | - | - | - | - | - |
| 22 | 1.114 | 2.556 | 0.378 | 1.000 | 0.087 | 0.596 | 0.011 | 0.006 | - | - | Si | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.376 | 1.444 | 0.222 | 0.995 | 0.016 | 0.006 | - | - | Si | - | - | - | - | - |
| 23 | 0.635 | 0.000 | 0.581 | 2.058 | 0.626 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 23 | 1.755 | 0.635 | 0.815 | 1.278 | 0.236 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 23 | 2.390 | 1.755 | 0.966 | 2.170 | 0.512 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.112 | 1.023 | 0.097 | 0.982 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 0.575 | 1.068 | 0.205 | 1.000 | 0.078 | 0.788 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 1.068 | 1.562 | 0.176 | 1.000 | 0.042 | 0.369 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 1.562 | 2.055 | 0.208 | 1.000 | 0.070 | 0.700 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 24 | 2.055 | 2.770 | 0.169 | 1.000 | 0.094 | 0.750 | 0.010 | 0.016 | - | - | Si | - | - | - | - | - |
| 26 | 0.000 | 0.649 | 0.275 | 1.963 | 0.349 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 26 | 0.649 | 1.326 | 0.129 | 1.000 | 0.115 | 0.956 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.275 | 2.357 | 0.392 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.435 | 2.124 | 0.491 | 0.998 | 0.006 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.720 | 1.304 | 0.240 | 0.998 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.583 | 1.000 | 0.083 | 0.576 | 0.003 | 0.003 | - | - | Si | - | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.758 | 1.219 | 0.221 | 0.997 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.316 | 2.039 | 0.459 | 0.998 | 0.006 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.243 | 1.706 | 0.234 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.164 | 1.000 | 0.109 | 0.914 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.340 | 2.251 | 0.363 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 30 | 0.000 | 1.200 | 0.922 | 2.402 | 0.485 | 0.998 | 0.012 | 0.001 | - | - | Si | - | - | - | - | - |
| 30 | 1.200 | 2.020 | 0.985 | 1.211 | 0.147 | 0.997 | 0.006 | 0.002 | - | - | Si | - | - | - | - | - |
| 30 | 2.020 | 2.840 | 0.487 | 1.000 | 0.006 | 0.046 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - |
| 30 | 2.840 | 3.660 | 0.964 | 1.304 | 0.161 | 0.997 | 0.006 | 0.002 | - | - | Si | - | - | - | - | - |
| 30 | 3.660 | 4.910 | 0.914 | 2.493 | 0.517 | 0.998 | 0.012 | 0.001 | - | - | Si | - | - | - | - | - |
| 31 | 0.000 | 0.160 | 0.083 | 1.000 | 0.033 | 0.242 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 0.160 | 1.438 | 0.399 | 1.000 | 0.027 | 0.192 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 1.438 | 2.715 | 0.367 | 1.000 | 0.014 | 0.067 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 2.715 | 3.993 | 0.335 | 1.000 | 0.030 | 0.216 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 31 | 3.993 | 4.178 | 0.136 | 1.000 | 0.035 | 0.266 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 32 | 0.000 | 0.295 | 0.614 | 2.440 | 0.455 | 0.939 | 0.314 | 0.062 | - | - | Si | - | - | - | - | - |
| 32 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.295 | 1.000 | 0.866 | 2.380 | 0.434 | 0.938 | 0.306 | 0.072 | - | - | Si | - | - | - | - | - |
| 33 | 0.000 | 0.898 | 0.351 | 1.000 | 0.084 | 0.731 | 0.080 | 0.072 | - | - | Si | - | - | - | - | - |
| 33 | 0.898 | 0.898 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.898 | 1.200 | 0.292 | 1.000 | 0.107 | 0.893 | 0.080 | 0.072 | - | - | Si | - | - | - | - | - |
| 34 | 0.000 | 0.407 | 0.348 | 1.000 | 0.113 | 0.783 | 0.080 | 0.061 | - | - | Si | - | - | - | - | - |
| 34 | 0.407 | 0.407 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.407 | 1.000 | 0.383 | 1.000 | 0.127 | 0.891 | 0.080 | 0.061 | - | - | Si | - | - | - | - | - |
| 37 | 0.000 | 1.100 | 0.651 | 1.000 | 0.047 | 0.334 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 37 | 1.100 | 3.110 | 0.239 | 1.000 | 0.033 | 0.235 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 37 | 3.110 | 4.250 | 0.181 | 1.000 | 0.007 | 0.052 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |

Piano 1. Verifiche SL Pilastri

| N° | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------|-----------|---------------------------|------------|---------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 1 | 0.000 | 1.220 | 0.158 | 1.000 | 0.026 | 0.359 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 1.220 | 2.600 | 0.160 | 1.000 | 0.026 | 0.359 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 2.600 | 3.050 | 0.161 | 1.000 | 0.026 | 0.359 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 0.000 | 1.220 | 0.194 | 1.000 | 0.013 | 0.152 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 1.220 | 2.600 | 0.196 | 1.000 | 0.013 | 0.152 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 2.600 | 3.050 | 0.197 | 1.000 | 0.013 | 0.152 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 0.000 | 1.220 | 0.178 | 1.000 | 0.011 | 0.145 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 1.220 | 2.600 | 0.180 | 1.000 | 0.011 | 0.145 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 2.600 | 3.050 | 0.181 | 1.000 | 0.011 | 0.145 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 4 | 0.000 | 1.220 | 0.107 | 1.000 | 0.002 | 0.035 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 4 | 1.220 | 2.600 | 0.059 | 1.000 | 0.003 | 0.041 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 4 | 2.600 | 3.050 | 0.061 | 1.000 | 0.016 | 0.257 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 0.000 | 1.220 | 0.070 | 1.000 | 0.001 | 0.007 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 1.220 | 2.600 | 0.059 | 1.000 | 0.004 | 0.061 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 2.600 | 3.050 | 0.062 | 1.000 | 0.018 | 0.232 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 6 | 0.000 | 1.220 | 0.088 | 1.000 | 0.001 | 0.010 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 6 | 1.220 | 2.600 | 0.059 | 1.000 | 0.002 | 0.040 | 0.000 | 0.000 | - | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 6 | 2.600 | 3.050 | 0.061 | 1.000 | 0.021 | 0.349 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 0.000 | 1.450 | 0.247 | 1.000 | 0.004 | 0.113 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 1.450 | 2.550 | 0.247 | 1.000 | 0.004 | 0.113 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 2.550 | 3.050 | 0.249 | 1.000 | 0.004 | 0.113 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 0.000 | 1.220 | 0.259 | 1.000 | 0.021 | 0.298 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 1.220 | 2.600 | 0.262 | 1.000 | 0.021 | 0.298 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 2.600 | 3.050 | 0.262 | 1.000 | 0.021 | 0.298 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 0.000 | 1.220 | 0.215 | 1.000 | 0.014 | 0.224 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 1.220 | 2.600 | 0.217 | 1.000 | 0.014 | 0.224 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 2.600 | 3.050 | 0.217 | 1.000 | 0.014 | 0.224 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 0.000 | 1.300 | 0.071 | 1.000 | 0.001 | 0.014 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 1.300 | 2.600 | 0.034 | 1.000 | 0.007 | 0.089 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 10 | 2.600 | 3.050 | 0.038 | 1.000 | 0.025 | 0.303 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 0.000 | 1.350 | 0.079 | 1.000 | 0.001 | 0.011 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 11 | 1.350 | 2.550 | 0.041 | 1.000 | 0.001 | 0.011 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 11 | 2.550 | 3.050 | 0.047 | 1.000 | 0.029 | 0.398 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 0.000 | 0.850 | 0.059 | 1.000 | 0.002 | 0.026 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 0.850 | 2.600 | 0.058 | 1.000 | 0.004 | 0.071 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 2.600 | 3.050 | 0.068 | 1.000 | 0.022 | 0.363 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 0.000 | 1.500 | 0.191 | 1.000 | 0.042 | 0.816 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 1.500 | 2.550 | 0.181 | 1.000 | 0.042 | 0.816 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 2.550 | 3.050 | 0.184 | 1.000 | 0.042 | 0.816 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 0.000 | 1.530 | 0.160 | 1.000 | 0.018 | 0.320 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 14 | 1.530 | 2.520 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 14 | 2.520 | 3.050 | 0.070 | 1.000 | 0.027 | 0.477 | 0.001 | 0.006 | - | Si | - | - | - | - |
| 15 | 0.000 | 1.380 | 0.068 | 1.000 | 0.002 | 0.046 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 1.380 | 2.520 | 0.041 | 1.000 | 0.002 | 0.046 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 2.520 | 3.050 | 0.051 | 1.000 | 0.026 | 0.502 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 16 | 0.000 | 1.220 | 0.282 | 1.000 | 0.015 | 0.207 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 1.220 | 2.600 | 0.285 | 1.000 | 0.015 | 0.207 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 2.600 | 3.050 | 0.285 | 1.000 | 0.015 | 0.207 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 0.000 | 1.220 | 0.105 | 1.000 | 0.017 | 0.234 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 1.220 | 2.600 | 0.107 | 1.000 | 0.017 | 0.234 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 2.600 | 3.050 | 0.108 | 1.000 | 0.017 | 0.234 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 0.000 | 0.950 | 0.135 | 1.000 | 0.011 | 0.139 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 0.950 | 2.600 | 0.138 | 1.000 | 0.011 | 0.139 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 2.600 | 3.050 | 0.139 | 1.000 | 0.011 | 0.139 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 0.000 | 1.350 | 0.238 | 1.000 | 0.045 | 0.387 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 1.350 | 2.550 | 0.225 | 1.000 | 0.045 | 0.387 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 2.550 | 3.050 | 0.226 | 1.000 | 0.045 | 0.387 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 0.000 | 1.350 | 0.353 | 1.000 | 0.004 | 0.063 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 1.350 | 2.550 | 0.355 | 1.000 | 0.004 | 0.063 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 2.550 | 3.050 | 0.356 | 1.000 | 0.004 | 0.063 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 0.000 | 1.300 | 0.289 | 1.000 | 0.046 | 0.769 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 1.300 | 2.600 | 0.291 | 1.000 | 0.047 | 0.769 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 2.600 | 3.050 | 0.291 | 1.000 | 0.047 | 0.769 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 0.000 | 1.220 | 0.293 | 1.000 | 0.017 | 0.240 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 1.220 | 2.600 | 0.295 | 1.000 | 0.017 | 0.240 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 2.600 | 3.050 | 0.296 | 1.000 | 0.017 | 0.240 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 23 | 0.000 | 0.508 | 0.111 | 1.000 | 0.010 | 0.132 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 23 | 0.508 | 2.542 | 0.099 | 1.000 | 0.010 | 0.132 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 23 | 2.542 | 3.050 | 0.098 | 1.000 | 0.010 | 0.132 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.250 | 0.177 | 1.000 | 0.034 | 0.560 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 24 | 1.250 | 2.570 | 0.129 | 1.000 | 0.034 | 0.560 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 24 | 2.570 | 3.050 | 0.121 | 1.000 | 0.034 | 0.560 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 0.000 | 1.220 | 0.197 | 1.000 | 0.012 | 0.137 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 1.220 | 2.600 | 0.199 | 1.000 | 0.012 | 0.137 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 2.600 | 3.050 | 0.200 | 1.000 | 0.012 | 0.137 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 0.000 | 1.220 | 0.206 | 1.000 | 0.013 | 0.153 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 1.220 | 2.600 | 0.208 | 1.000 | 0.013 | 0.153 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 2.600 | 3.050 | 0.209 | 1.000 | 0.013 | 0.153 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 27 | 0.000 | 1.220 | 0.100 | 1.000 | 0.005 | 0.084 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 27 | 1.220 | 2.600 | 0.053 | 1.000 | 0.005 | 0.084 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 27 | 2.600 | 3.050 | 0.052 | 1.000 | 0.018 | 0.266 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.508 | 0.096 | 1.000 | 0.004 | 0.039 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 28 | 0.508 | 2.542 | 0.100 | 1.000 | 0.003 | 0.039 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 28 | 2.542 | 3.050 | 0.101 | 1.000 | 0.003 | 0.039 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.508 | 0.097 | 1.000 | 0.004 | 0.030 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 29 | 0.508 | 2.542 | 0.101 | 1.000 | 0.004 | 0.030 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 29 | 2.542 | 3.050 | 0.102 | 1.000 | 0.004 | 0.030 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 30 | 0.000 | 1.220 | 0.096 | 1.000 | 0.001 | 0.006 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 30 | 1.220 | 2.600 | 0.067 | 1.000 | 0.006 | 0.077 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 30 | 2.600 | 3.050 | 0.070 | 1.000 | 0.024 | 0.288 | 0.000 | 0.001 | - | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 31 | 0.000 | 1.220 | 0.096 | 1.000 | 0.005 | 0.084 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 31 | 1.220 | 2.600 | 0.056 | 1.000 | 0.008 | 0.099 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 31 | 2.600 | 3.050 | 0.061 | 1.000 | 0.029 | 0.449 | 0.000 | 0.001 | - | Si | - | - | - | - |

Piano 5. Verifiche SL Travi

| | | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------|---------------------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasn. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 1 | 0.000 | 0.685 | 0.185 | 1.162 | 0.105 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 0.685 | 1.295 | 0.175 | 1.000 | 0.063 | 0.705 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 1.295 | 1.905 | 0.154 | 1.000 | 0.021 | 0.241 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 1.905 | 2.515 | 0.180 | 1.000 | 0.061 | 0.687 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 2.515 | 3.200 | 0.175 | 1.144 | 0.103 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 2 | 0.000 | 0.295 | 0.429 | 1.669 | 0.196 | 0.926 | 0.283 | 0.075 | - | - | Si | - | - | - | - | - |
| 2 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 0.295 | 1.000 | 0.612 | 1.649 | 0.188 | 0.925 | 0.280 | 0.079 | - | - | Si | - | - | - | - | - |
| 3 | 0.000 | 0.600 | 0.241 | 1.000 | 0.056 | 0.499 | 0.011 | 0.010 | - | - | Si | - | - | - | - | - |
| 3 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 0.600 | 1.200 | 0.241 | 1.000 | 0.022 | 0.188 | 0.011 | 0.010 | - | - | Si | - | - | - | - | - |
| 4 | 0.000 | 0.705 | 0.926 | 2.282 | 0.398 | 0.938 | 0.442 | 0.068 | - | - | Si | - | - | - | - | - |
| 4 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.705 | 1.000 | 0.655 | 2.316 | 0.410 | 0.939 | 0.449 | 0.062 | - | - | Si | - | - | - | - | - |
| 5 | 0.000 | 0.245 | 0.088 | 1.000 | 0.031 | 0.234 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.245 | 0.615 | 0.064 | 1.000 | 0.027 | 0.201 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.615 | 0.985 | 0.030 | 1.000 | 0.014 | 0.092 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.985 | 1.355 | 0.030 | 1.000 | 0.014 | 0.091 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 1.355 | 1.660 | 0.018 | 1.000 | 0.018 | 0.124 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.260 | 0.027 | 1.000 | 0.024 | 0.142 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.260 | 0.645 | 0.028 | 1.000 | 0.020 | 0.108 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.645 | 1.030 | 0.028 | 1.000 | 0.017 | 0.084 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.030 | 1.415 | 0.068 | 1.000 | 0.030 | 0.195 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.415 | 1.660 | 0.092 | 1.000 | 0.034 | 0.230 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.185 | 0.075 | 1.000 | 0.038 | 0.246 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.185 | 1.463 | 0.390 | 1.000 | 0.033 | 0.196 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.463 | 2.740 | 0.366 | 1.000 | 0.019 | 0.076 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 2.740 | 4.018 | 0.342 | 1.000 | 0.036 | 0.219 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 4.018 | 4.178 | 0.169 | 1.000 | 0.041 | 0.268 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |

Piano 5. Verifiche SL Travi

| | | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------|---------------------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasn. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 1 | 0.000 | 0.685 | 0.185 | 1.162 | 0.105 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 0.685 | 1.295 | 0.175 | 1.000 | 0.063 | 0.705 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 1.295 | 1.905 | 0.154 | 1.000 | 0.021 | 0.241 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 1.905 | 2.515 | 0.180 | 1.000 | 0.061 | 0.687 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 2.515 | 3.200 | 0.175 | 1.144 | 0.103 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 2 | 0.000 | 0.295 | 0.429 | 1.669 | 0.196 | 0.926 | 0.283 | 0.075 | - | - | Si | - | - | - | - | - |
| 2 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 0.295 | 1.000 | 0.612 | 1.649 | 0.188 | 0.925 | 0.280 | 0.079 | - | - | Si | - | - | - | - | - |
| 3 | 0.000 | 0.600 | 0.241 | 1.000 | 0.056 | 0.499 | 0.011 | 0.010 | - | - | Si | - | - | - | - | - |
| 3 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 0.600 | 1.200 | 0.241 | 1.000 | 0.022 | 0.188 | 0.011 | 0.010 | - | - | Si | - | - | - | - | - |
| 4 | 0.000 | 0.705 | 0.926 | 2.282 | 0.398 | 0.938 | 0.442 | 0.068 | - | - | Si | - | - | - | - | - |
| 4 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.705 | 1.000 | 0.655 | 2.316 | 0.410 | 0.939 | 0.449 | 0.062 | - | - | Si | - | - | - | - | - |
| 5 | 0.000 | 0.245 | 0.088 | 1.000 | 0.031 | 0.234 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.245 | 0.615 | 0.064 | 1.000 | 0.027 | 0.201 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.615 | 0.985 | 0.030 | 1.000 | 0.014 | 0.092 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.985 | 1.355 | 0.030 | 1.000 | 0.014 | 0.091 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 1.355 | 1.660 | 0.018 | 1.000 | 0.018 | 0.124 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.260 | 0.027 | 1.000 | 0.024 | 0.142 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.260 | 0.645 | 0.028 | 1.000 | 0.020 | 0.108 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.645 | 1.030 | 0.028 | 1.000 | 0.017 | 0.084 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.030 | 1.415 | 0.068 | 1.000 | 0.030 | 0.195 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.415 | 1.660 | 0.092 | 1.000 | 0.034 | 0.230 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.185 | 0.075 | 1.000 | 0.038 | 0.246 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.185 | 1.463 | 0.390 | 1.000 | 0.033 | 0.196 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.463 | 2.740 | 0.366 | 1.000 | 0.019 | 0.076 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 2.740 | 4.018 | 0.342 | 1.000 | 0.036 | 0.219 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 4.018 | 4.178 | 0.169 | 1.000 | 0.041 | 0.268 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |

Piano 5. Verifiche SL Pilastri

| Zona | | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|------|--------------|--------------|---------------------|--------|-----------------------|------------------|----------------|-----------------|------------|--------------|---------------------------|---------------|------------------|--------------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 23 | 0.000 | 0.950 | 0.304 | 1.000 | 0.067 | 0.808 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 23 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 23 | 1.350 | 1.800 | 0.111 | 1.000 | 0.067 | 0.808 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.150 | 0.213 | 1.000 | 0.044 | 0.778 | 0.003 | 0.006 | - | Si | - | - | - | - |
| 24 | 1.150 | 1.150 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 24 | 1.150 | 1.800 | 0.309 | 1.000 | 0.044 | 0.778 | 0.003 | 0.006 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.950 | 0.180 | 1.000 | 0.028 | 0.212 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 28 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 28 | 1.350 | 1.800 | 0.095 | 1.000 | 0.028 | 0.212 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.950 | 0.201 | 1.000 | 0.035 | 0.221 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 29 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 29 | 1.350 | 1.800 | 0.098 | 1.000 | 0.035 | 0.221 | 0.001 | 0.002 | - | Si | - | - | - | - |

Piano 2. Verifiche SL Travi

| N° | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 2 | 0.000 | 0.955 | 0.822 | 2.310 | 0.568 | 0.998 | 0.014 | 0.002 | - | - | Si | - | - | - | - | - |
| 2 | 0.955 | 1.752 | 0.994 | 1.960 | 0.289 | 0.997 | 0.012 | 0.004 | - | - | Si | - | - | - | - | - |
| 2 | 1.752 | 2.548 | 0.612 | 1.000 | 0.115 | 0.958 | 0.006 | 0.004 | - | - | Si | - | - | - | - | - |
| 2 | 2.548 | 3.345 | 0.980 | 2.407 | 0.406 | 0.998 | 0.015 | 0.003 | - | - | Si | - | - | - | - | - |
| 2 | 3.345 | 4.300 | 0.757 | 2.342 | 0.645 | 0.998 | 0.015 | 0.001 | - | - | Si | - | - | - | - | - |
| 3 | 0.000 | 0.955 | 0.691 | 2.285 | 0.372 | 0.997 | 0.020 | 0.003 | - | - | Si | - | - | - | - | - |
| 3 | 0.955 | 1.812 | 0.895 | 1.745 | 0.242 | 0.996 | 0.015 | 0.006 | - | - | Si | - | - | - | - | - |
| 3 | 1.812 | 2.668 | 0.412 | 1.000 | 0.106 | 0.876 | 0.009 | 0.006 | - | - | Si | - | - | - | - | - |
| 3 | 2.668 | 3.525 | 0.807 | 1.548 | 0.203 | 0.995 | 0.014 | 0.006 | - | - | Si | - | - | - | - | - |
| 3 | 3.525 | 4.480 | 0.695 | 2.121 | 0.476 | 0.997 | 0.019 | 0.004 | - | - | Si | - | - | - | - | - |
| 4 | 0.000 | 0.954 | 0.326 | 2.080 | 0.319 | 0.998 | 0.006 | 0.002 | - | - | Si | - | - | - | - | - |
| 4 | 0.954 | 1.516 | 0.302 | 1.000 | 0.049 | 0.405 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 4 | 1.516 | 2.470 | 0.610 | 1.696 | 0.232 | 0.998 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - |
| 5 | 0.000 | 0.955 | 0.376 | 1.343 | 0.143 | 0.997 | 0.005 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 0.955 | 2.098 | 0.499 | 1.000 | 0.079 | 0.773 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 2.098 | 3.242 | 0.384 | 1.000 | 0.038 | 0.374 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 3.242 | 4.385 | 0.413 | 1.000 | 0.097 | 0.947 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 4.385 | 5.340 | 0.599 | 1.519 | 0.169 | 0.997 | 0.006 | 0.003 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.955 | 0.506 | 1.705 | 0.233 | 0.996 | 0.015 | 0.006 | - | - | Si | - | - | - | - | - |
| 6 | 0.955 | 1.780 | 0.402 | 1.000 | 0.047 | 0.388 | 0.008 | 0.006 | - | - | Si | - | - | - | - | - |
| 6 | 1.780 | 2.700 | 0.395 | 1.589 | 0.210 | 0.995 | 0.013 | 0.006 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.920 | 0.386 | 1.353 | 0.169 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.920 | 1.310 | 0.388 | 1.000 | 0.034 | 0.286 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.310 | 2.230 | 0.385 | 1.319 | 0.163 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 8 | 0.000 | 0.920 | 0.538 | 1.351 | 0.169 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 0.920 | 1.705 | 0.547 | 1.000 | 0.070 | 0.586 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 1.705 | 2.660 | 0.581 | 1.876 | 0.270 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 0.000 | 0.955 | 0.666 | 2.103 | 0.442 | 0.999 | 0.005 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.883 | 1.383 | 0.208 | 0.998 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.555 | 1.000 | 0.094 | 0.656 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.803 | 1.676 | 0.273 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.894 | 2.365 | 0.537 | 0.999 | 0.005 | 0.001 | - | - | Si | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.511 | 2.175 | 0.411 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.328 | 1.302 | 0.193 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.269 | 1.000 | 0.059 | 0.417 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.481 | 1.349 | 0.202 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.818 | 2.221 | 0.425 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.746 | 2.272 | 0.552 | 0.999 | 0.005 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.946 | 1.769 | 0.296 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.618 | 1.000 | 0.098 | 0.684 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.999 | 1.539 | 0.241 | 0.998 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.714 | 2.044 | 0.464 | 0.999 | 0.005 | 0.001 | - | - | Si | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.737 | 1.915 | 0.308 | 0.998 | 0.005 | 0.001 | - | - | Si | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.963 | 1.296 | 0.160 | 0.998 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.611 | 1.000 | 0.058 | 0.487 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.950 | 1.379 | 0.173 | 0.998 | 0.004 | 0.002 | - | - | Si | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.695 | 2.262 | 0.365 | 0.998 | 0.006 | 0.001 | - | - | Si | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.554 | 1.000 | 0.113 | 0.950 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.211 | 1.000 | 0.002 | 0.024 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.485 | 1.000 | 0.107 | 0.901 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.512 | 2.049 | 0.309 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.718 | 1.202 | 0.145 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.452 | 1.000 | 0.060 | 0.508 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.648 | 1.364 | 0.170 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.884 | 2.214 | 0.351 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.749 | 1.523 | 0.149 | 0.995 | 0.011 | 0.007 | - | - | Si | - | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.452 | 1.000 | 0.054 | 0.592 | 0.007 | 0.007 | - | - | Si | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.443 | 1.000 | 0.086 | 0.938 | 0.007 | 0.007 | - | - | Si | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.545 | 1.553 | 0.244 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.733 | 1.075 | 0.154 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.401 | 1.000 | 0.059 | 0.412 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.756 | 1.403 | 0.212 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.809 | 2.282 | 0.494 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.688 | 2.214 | 0.470 | 0.998 | 0.012 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.733 | 1.322 | 0.197 | 0.998 | 0.007 | 0.002 | - | - | Si | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 19 | 1.867 | 2.733 | 0.373 | 1.000 | 0.074 | 0.516 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.630 | 1.187 | 0.172 | 0.997 | 0.006 | 0.002 | - | - | Si | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.856 | 1.684 | 0.275 | 0.998 | 0.009 | 0.002 | - | - | Si | - | - | - | - | - |
| 22 | 0.000 | 1.074 | 0.611 | 2.405 | 0.487 | 0.997 | 0.023 | 0.005 | - | - | Si | - | - | - | - | - |
| 22 | 1.074 | 2.556 | 0.663 | 1.000 | 0.132 | 0.915 | 0.009 | 0.005 | - | - | Si | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.631 | 1.586 | 0.252 | 0.996 | 0.015 | 0.005 | - | - | Si | - | - | - | - | - |
| 23 | 0.634 | 0.000 | 0.578 | 2.021 | 0.456 | 0.998 | 0.008 | 0.002 | - | - | Si | - | - | - | - | - |
| 23 | 1.756 | 0.634 | 0.711 | 1.203 | 0.219 | 0.997 | 0.005 | 0.003 | - | - | Si | - | - | - | - | - |
| 23 | 2.390 | 1.756 | 0.702 | 1.344 | 0.252 | 0.997 | 0.005 | 0.003 | - | - | Si | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.344 | 1.546 | 0.157 | 0.991 | 0.006 | 0.010 | - | - | Si | - | - | - | - | - |
| 24 | 0.575 | 1.082 | 0.447 | 1.166 | 0.111 | 0.988 | 0.004 | 0.012 | - | - | Si | - | - | - | - | - |
| 24 | 1.082 | 1.588 | 0.316 | 1.000 | 0.079 | 0.810 | 0.004 | 0.012 | - | - | Si | - | - | - | - | - |
| 24 | 1.588 | 2.095 | 0.387 | 2.071 | 0.242 | 0.993 | 0.008 | 0.011 | - | - | Si | - | - | - | - | - |
| 24 | 2.095 | 2.770 | 0.452 | 2.469 | 0.430 | 0.995 | 0.010 | 0.005 | - | - | Si | - | - | - | - | - |
| 26 | 0.000 | 0.584 | 0.170 | 1.337 | 0.201 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 26 | 0.584 | 1.326 | 0.170 | 1.234 | 0.165 | 0.998 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.440 | 2.181 | 0.414 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.733 | 2.071 | 0.379 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.680 | 1.218 | 0.178 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.503 | 1.000 | 0.076 | 0.527 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.612 | 1.404 | 0.213 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.639 | 2.257 | 0.436 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 28 | 0.000 | 1.175 | 0.656 | 2.362 | 0.471 | 0.999 | 0.005 | 0.001 | - | - | Si | - | - | - | - | - |
| 28 | 1.175 | 2.262 | 0.822 | 1.363 | 0.205 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 28 | 2.262 | 3.348 | 0.504 | 1.000 | 0.076 | 0.528 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 28 | 3.348 | 4.435 | 0.731 | 1.077 | 0.154 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 28 | 4.435 | 5.570 | 0.537 | 1.355 | 0.203 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.135 | 1.034 | 0.134 | 0.993 | 0.001 | 0.005 | - | - | Si | - | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.141 | 1.084 | 0.141 | 0.993 | 0.001 | 0.005 | - | - | Si | - | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.376 | 2.201 | 0.360 | 0.997 | 0.001 | 0.004 | - | - | Si | - | - | - | - | - |
| 30 | 0.000 | 1.185 | 0.787 | 2.156 | 0.405 | 0.998 | 0.014 | 0.002 | - | - | Si | - | - | - | - | - |
| 30 | 1.185 | 2.032 | 0.897 | 1.127 | 0.135 | 0.996 | 0.007 | 0.003 | - | - | Si | - | - | - | - | - |
| 30 | 2.032 | 2.878 | 0.444 | 1.000 | 0.001 | 0.009 | 0.006 | 0.003 | - | - | Si | - | - | - | - | - |
| 30 | 2.878 | 3.725 | 0.898 | 1.115 | 0.134 | 0.996 | 0.007 | 0.003 | - | - | Si | - | - | - | - | - |
| 30 | 3.725 | 4.910 | 0.787 | 2.146 | 0.402 | 0.998 | 0.014 | 0.002 | - | - | Si | - | - | - | - | - |
| 32 | 0.000 | 0.295 | 0.579 | 2.246 | 0.388 | 0.934 | 0.291 | 0.067 | - | - | Si | - | - | - | - | - |
| 32 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.295 | 1.000 | 0.779 | 2.190 | 0.369 | 0.932 | 0.283 | 0.079 | - | - | Si | - | - | - | - | - |
| 33 | 0.000 | 0.600 | 0.267 | 1.000 | 0.072 | 0.645 | 0.010 | 0.014 | - | - | Si | - | - | - | - | - |
| 33 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.600 | 1.200 | 0.689 | 1.103 | 0.120 | 0.987 | 0.011 | 0.014 | - | - | Si | - | - | - | - | - |
| 34 | 0.000 | 0.705 | 0.477 | 1.691 | 0.233 | 0.917 | 0.311 | 0.091 | - | - | Si | - | - | - | - | - |
| 34 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.705 | 1.000 | 0.465 | 1.707 | 0.238 | 0.918 | 0.313 | 0.083 | - | - | Si | - | - | - | - | - |
| 35 | 0.000 | 0.160 | 0.068 | 1.000 | 0.027 | 0.238 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 35 | 0.160 | 1.438 | 0.398 | 1.000 | 0.022 | 0.188 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 35 | 1.438 | 2.715 | 0.363 | 1.000 | 0.009 | 0.066 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 35 | 2.715 | 3.993 | 0.323 | 1.000 | 0.025 | 0.218 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 35 | 3.993 | 4.178 | 0.145 | 1.000 | 0.031 | 0.268 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |

Piano 2. Verifiche SL Travi

| Stati Limite Ultimi | | | | | | | | | | | | | Stati Limite di Esercizio | | | | |
|---------------------|-------|-------|---------|--------|-----------------------|------------------|----------------|-----------------|------------------|------------|--------------|------------------|---------------------------|------------------|-------------------|--------------|--|
| N° | Zona | | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE | |
| 2 | 0.000 | 0.955 | 0.822 | 2.310 | 0.568 | 0.998 | 0.014 | 0.002 | - | - | Si - | - | - | - | - | - | |
| 2 | 0.955 | 1.752 | 0.994 | 1.960 | 0.289 | 0.997 | 0.012 | 0.004 | - | - | Si - | - | - | - | - | - | |
| 2 | 1.752 | 2.548 | 0.612 | 1.000 | 0.115 | 0.958 | 0.006 | 0.004 | - | - | Si - | - | - | - | - | - | |
| 2 | 2.548 | 3.345 | 0.980 | 2.407 | 0.406 | 0.998 | 0.015 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 2 | 3.345 | 4.300 | 0.757 | 2.342 | 0.645 | 0.998 | 0.015 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 3 | 0.000 | 0.955 | 0.691 | 2.285 | 0.372 | 0.997 | 0.020 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 3 | 0.955 | 1.812 | 0.895 | 1.745 | 0.242 | 0.996 | 0.015 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 3 | 1.812 | 2.668 | 0.412 | 1.000 | 0.106 | 0.876 | 0.009 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 3 | 2.668 | 3.525 | 0.807 | 1.548 | 0.203 | 0.995 | 0.014 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 3 | 3.525 | 4.480 | 0.695 | 2.121 | 0.476 | 0.997 | 0.019 | 0.004 | - | - | Si - | - | - | - | - | - | |
| 4 | 0.000 | 0.954 | 0.326 | 2.080 | 0.319 | 0.998 | 0.006 | 0.002 | - | - | Si - | - | - | - | - | - | |
| 4 | 0.954 | 1.516 | 0.302 | 1.000 | 0.049 | 0.405 | 0.003 | 0.002 | - | - | Si - | - | - | - | - | - | |
| 4 | 1.516 | 2.470 | 0.610 | 1.696 | 0.232 | 0.998 | 0.005 | 0.002 | - | - | Si - | - | - | - | - | - | |
| 5 | 0.000 | 0.955 | 0.376 | 1.343 | 0.143 | 0.997 | 0.005 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 5 | 0.955 | 2.098 | 0.499 | 1.000 | 0.079 | 0.773 | 0.004 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 5 | 2.098 | 3.242 | 0.384 | 1.000 | 0.038 | 0.374 | 0.004 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 5 | 3.242 | 4.385 | 0.413 | 1.000 | 0.097 | 0.947 | 0.004 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 5 | 4.385 | 5.340 | 0.599 | 1.519 | 0.169 | 0.997 | 0.006 | 0.003 | - | - | Si - | - | - | - | - | - | |
| 6 | 0.000 | 0.955 | 0.506 | 1.705 | 0.233 | 0.996 | 0.015 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 6 | 0.955 | 1.780 | 0.402 | 1.000 | 0.047 | 0.388 | 0.008 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 6 | 1.780 | 2.700 | 0.395 | 1.589 | 0.210 | 0.995 | 0.013 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 7 | 0.000 | 0.920 | 0.386 | 1.353 | 0.169 | 0.999 | 0.001 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 7 | 0.920 | 1.310 | 0.388 | 1.000 | 0.034 | 0.286 | 0.001 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 7 | 1.310 | 2.230 | 0.385 | 1.319 | 0.163 | 0.999 | 0.001 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 8 | 0.000 | 0.920 | 0.538 | 1.351 | 0.169 | 0.998 | 0.002 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 8 | 0.920 | 1.705 | 0.547 | 1.000 | 0.070 | 0.586 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 8 | 1.705 | 2.660 | 0.581 | 1.876 | 0.270 | 0.999 | 0.003 | 0.001 | - | - | Si - | - | - | - | - | - | |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 10 | 0.000 | 0.955 | 0.666 | 2.103 | 0.442 | 0.999 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.883 | 1.383 | 0.208 | 0.998 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.555 | 1.000 | 0.094 | 0.656 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.803 | 1.676 | 0.273 | 0.998 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.894 | 2.365 | 0.537 | 0.999 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.511 | 2.175 | 0.411 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.328 | 1.302 | 0.193 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.269 | 1.000 | 0.059 | 0.417 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.481 | 1.349 | 0.202 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.818 | 2.221 | 0.425 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.746 | 2.272 | 0.552 | 0.999 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.946 | 1.769 | 0.296 | 0.999 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.618 | 1.000 | 0.098 | 0.684 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.999 | 1.539 | 0.241 | 0.998 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.714 | 2.044 | 0.464 | 0.999 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.737 | 1.915 | 0.308 | 0.998 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.963 | 1.296 | 0.160 | 0.998 | 0.003 | 0.002 | - | - | SI | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.611 | 1.000 | 0.058 | 0.487 | 0.003 | 0.002 | - | - | SI | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.950 | 1.379 | 0.173 | 0.998 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.695 | 2.262 | 0.365 | 0.998 | 0.006 | 0.001 | - | - | SI | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.554 | 1.000 | 0.113 | 0.950 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.211 | 1.000 | 0.002 | 0.024 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.485 | 1.000 | 0.107 | 0.901 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.512 | 2.049 | 0.309 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.718 | 1.202 | 0.145 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.452 | 1.000 | 0.060 | 0.508 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.648 | 1.364 | 0.170 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.884 | 2.214 | 0.351 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.749 | 1.523 | 0.149 | 0.995 | 0.011 | 0.007 | - | - | SI | - | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.452 | 1.000 | 0.054 | 0.592 | 0.007 | 0.007 | - | - | SI | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.443 | 1.000 | 0.086 | 0.938 | 0.007 | 0.007 | - | - | SI | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.545 | 1.553 | 0.244 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.733 | 1.075 | 0.154 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.401 | 1.000 | 0.059 | 0.412 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.756 | 1.403 | 0.212 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.809 | 2.282 | 0.494 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.688 | 2.214 | 0.470 | 0.998 | 0.012 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.733 | 1.322 | 0.197 | 0.998 | 0.007 | 0.002 | - | - | SI | - | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.373 | 1.000 | 0.074 | 0.516 | 0.005 | 0.002 | - | - | SI | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.630 | 1.187 | 0.172 | 0.997 | 0.006 | 0.002 | - | - | SI | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.856 | 1.684 | 0.275 | 0.998 | 0.009 | 0.002 | - | - | SI | - | - | - | - | - |
| 22 | 0.000 | 1.074 | 0.611 | 2.405 | 0.487 | 0.997 | 0.023 | 0.005 | - | - | SI | - | - | - | - | - |
| 22 | 1.074 | 2.556 | 0.663 | 1.000 | 0.132 | 0.915 | 0.009 | 0.005 | - | - | SI | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.631 | 1.586 | 0.252 | 0.996 | 0.015 | 0.005 | - | - | SI | - | - | - | - | - |
| 23 | 0.634 | 0.000 | 0.578 | 2.021 | 0.456 | 0.998 | 0.008 | 0.002 | - | - | SI | - | - | - | - | - |
| 23 | 1.756 | 0.634 | 0.711 | 1.203 | 0.219 | 0.997 | 0.005 | 0.003 | - | - | SI | - | - | - | - | - |
| 23 | 2.390 | 1.756 | 0.702 | 1.344 | 0.252 | 0.997 | 0.005 | 0.003 | - | - | SI | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.344 | 1.546 | 0.157 | 0.991 | 0.006 | 0.010 | - | - | SI | - | - | - | - | - |
| 24 | 0.575 | 1.082 | 0.447 | 1.166 | 0.111 | 0.988 | 0.004 | 0.012 | - | - | SI | - | - | - | - | - |
| 24 | 1.082 | 1.588 | 0.316 | 1.000 | 0.079 | 0.810 | 0.004 | 0.012 | - | - | SI | - | - | - | - | - |
| 24 | 1.588 | 2.095 | 0.387 | 2.071 | 0.242 | 0.993 | 0.008 | 0.011 | - | - | SI | - | - | - | - | - |
| 24 | 2.095 | 2.770 | 0.452 | 2.469 | 0.430 | 0.995 | 0.010 | 0.005 | - | - | SI | - | - | - | - | - |
| 26 | 0.000 | 0.584 | 0.170 | 1.337 | 0.201 | 0.999 | 0.000 | 0.001 | - | - | SI | - | - | - | - | - |
| 26 | 0.584 | 1.326 | 0.170 | 1.234 | 0.165 | 0.998 | 0.000 | 0.001 | - | - | SI | - | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.440 | 2.181 | 0.414 | 0.999 | 0.000 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.733 | 2.071 | 0.379 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.680 | 1.218 | 0.178 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.503 | 1.000 | 0.076 | 0.527 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.612 | 1.404 | 0.213 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.639 | 2.257 | 0.436 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 0.000 | 1.175 | 0.656 | 2.362 | 0.471 | 0.999 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 1.175 | 2.262 | 0.822 | 1.363 | 0.205 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 2.262 | 3.348 | 0.504 | 1.000 | 0.076 | 0.528 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 3.348 | 4.435 | 0.731 | 1.077 | 0.154 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 4.435 | 5.570 | 0.537 | 1.355 | 0.203 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.135 | 1.034 | 0.134 | 0.993 | 0.001 | 0.005 | - | - | SI | - | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.141 | 1.084 | 0.141 | 0.993 | 0.001 | 0.005 | - | - | SI | - | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.376 | 2.201 | 0.360 | 0.997 | 0.001 | 0.004 | - | - | SI | - | - | - | - | - |
| 30 | 0.000 | 1.185 | 0.787 | 2.156 | 0.405 | 0.998 | 0.014 | 0.002 | - | - | SI | - | - | - | - | - |
| 30 | 1.185 | 2.032 | 0.897 | 1.127 | 0.135 | 0.996 | 0.007 | 0.003 | - | - | SI | - | - | - | - | - |
| 30 | 2.032 | 2.878 | 0.444 | 1.000 | 0.001 | 0.009 | 0.006 | 0.003 | - | - | SI | - | - | - | - | - |
| 30 | 2.878 | 3.725 | 0.898 | 1.115 | 0.134 | 0.996 | 0.007 | 0.003 | - | - | SI | - | - | - | - | - |
| 30 | 3.725 | 4.910 | 0.787 | 2.146 | 0.402 | 0.998 | 0.014 | 0.002 | - | - | SI | - | - | - | - | - |
| 32 | 0.000 | 0.295 | 0.579 | 2.246 | 0.388 | 0.934 | 0.291 | 0.067 | - | - | SI | - | - | - | - | - |
| 32 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.295 | 1.000 | 0.779 | 2.190 | 0.369 | 0.932 | 0.283 | 0.079 | - | - | SI | - | - | - | - | - |
| 33 | 0.000 | 0.600 | 0.267 | 1.000 | 0.072 | 0.645 | 0.010 | 0.014 | - | - | SI | - | - | - | - | - |
| 33 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.600 | 1.200 | 0.689 | 1.103 | 0.120 | 0.987 | 0.011 | 0.014 | - | - | SI | - | - | - | - | - |
| 34 | 0.000 | 0.705 | 0.477 | 1.691 | 0.233 | 0.917 | 0.311 | 0.091 | - | - | SI | - | - | - | - | - |
| 34 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.705 | 1.000 | 0.465 | 1.707 | 0.238 | 0.918 | 0.313 | 0.083 | - | - | SI | - | - | - | - | - |

| | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|
| 35 | 0.000 | 0.160 | 0.068 | 1.000 | 0.027 | 0.238 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 0.160 | 1.438 | 0.398 | 1.000 | 0.022 | 0.188 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 1.438 | 2.715 | 0.363 | 1.000 | 0.009 | 0.066 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 2.715 | 3.993 | 0.323 | 1.000 | 0.025 | 0.218 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 3.993 | 4.178 | 0.145 | 1.000 | 0.031 | 0.268 | 0.001 | 0.001 | - | - | Si | - | - | - | - |

Piano 2. Verifiche SL Pilastri

| N° | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------|-----------|---------------------------|------------|---------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasn. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 1 | 0.000 | 1.242 | 0.207 | 1.000 | 0.036 | 0.474 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 1.242 | 3.128 | 0.151 | 1.000 | 0.036 | 0.474 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 3.128 | 3.600 | 0.198 | 1.000 | 0.036 | 0.474 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 0.000 | 1.242 | 0.154 | 1.000 | 0.014 | 0.156 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 1.242 | 3.128 | 0.155 | 1.000 | 0.014 | 0.156 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 3.128 | 3.600 | 0.156 | 1.000 | 0.014 | 0.156 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 0.000 | 1.242 | 0.146 | 1.000 | 0.016 | 0.159 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 1.242 | 3.128 | 0.148 | 1.000 | 0.016 | 0.159 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 3.128 | 3.600 | 0.149 | 1.000 | 0.015 | 0.159 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 4 | 0.000 | 1.242 | 0.108 | 1.000 | 0.005 | 0.072 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 4 | 1.242 | 3.128 | 0.085 | 1.000 | 0.012 | 0.145 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 4 | 3.128 | 3.600 | 0.132 | 1.000 | 0.030 | 0.382 | 0.005 | 0.019 | - | Si | - | - | - | - |
| 5 | 0.000 | 1.242 | 0.067 | 1.000 | 0.000 | 0.003 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 5 | 1.242 | 3.128 | 0.055 | 1.000 | 0.002 | 0.029 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 3.128 | 3.600 | 0.060 | 1.000 | 0.003 | 0.043 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 6 | 0.000 | 1.242 | 0.148 | 1.000 | 0.002 | 0.035 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 6 | 1.242 | 3.128 | 0.077 | 1.000 | 0.018 | 0.300 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 6 | 3.128 | 3.600 | 0.201 | 1.124 | 0.071 | 0.993 | 0.002 | 0.006 | - | Si | - | - | - | - |
| 7 | 0.000 | 1.400 | 0.259 | 1.000 | 0.020 | 0.306 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 1.400 | 3.150 | 0.262 | 1.000 | 0.020 | 0.306 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 3.150 | 3.600 | 0.263 | 1.000 | 0.020 | 0.306 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 0.000 | 1.242 | 0.206 | 1.000 | 0.021 | 0.321 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 1.242 | 3.128 | 0.209 | 1.000 | 0.021 | 0.321 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 3.128 | 3.600 | 0.210 | 1.000 | 0.021 | 0.321 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 0.000 | 1.242 | 0.163 | 1.000 | 0.027 | 0.382 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 1.242 | 3.128 | 0.162 | 1.000 | 0.027 | 0.382 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 3.128 | 3.600 | 0.163 | 1.000 | 0.027 | 0.382 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 0.000 | 1.308 | 0.081 | 1.000 | 0.001 | 0.021 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 10 | 1.308 | 3.142 | 0.048 | 1.000 | 0.016 | 0.201 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 10 | 3.142 | 3.600 | 0.099 | 1.000 | 0.046 | 0.560 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 11 | 0.000 | 1.308 | 0.102 | 1.000 | 0.001 | 0.012 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 1.308 | 3.142 | 0.057 | 1.000 | 0.014 | 0.188 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 3.142 | 3.600 | 0.122 | 1.000 | 0.042 | 0.599 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 0.000 | 1.242 | 0.122 | 1.000 | 0.003 | 0.042 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 1.242 | 3.128 | 0.053 | 1.000 | 0.006 | 0.074 | 0.001 | 0.006 | - | Si | - | - | - | - |
| 12 | 3.128 | 3.600 | 0.090 | 1.000 | 0.030 | 0.308 | 0.006 | 0.021 | - | Si | - | - | - | - |
| 13 | 0.000 | 1.450 | 0.217 | 1.000 | 0.035 | 0.673 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 1.450 | 3.150 | 0.172 | 1.000 | 0.035 | 0.673 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 3.150 | 3.600 | 0.203 | 1.000 | 0.035 | 0.673 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 0.000 | 1.450 | 0.246 | 1.000 | 0.047 | 0.878 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 1.450 | 3.150 | 0.248 | 1.000 | 0.047 | 0.878 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 3.150 | 3.600 | 0.249 | 1.000 | 0.047 | 0.878 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 0.000 | 1.308 | 0.097 | 1.000 | 0.004 | 0.068 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 15 | 1.308 | 3.142 | 0.055 | 1.000 | 0.017 | 0.255 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 15 | 3.142 | 3.600 | 0.088 | 1.000 | 0.046 | 0.735 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 16 | 0.000 | 1.242 | 0.198 | 1.000 | 0.023 | 0.325 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 1.242 | 3.128 | 0.201 | 1.000 | 0.023 | 0.325 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 3.128 | 3.600 | 0.202 | 1.000 | 0.023 | 0.325 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 0.000 | 1.242 | 0.157 | 1.000 | 0.023 | 0.299 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 1.242 | 3.128 | 0.125 | 1.000 | 0.023 | 0.299 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 3.128 | 3.600 | 0.141 | 1.000 | 0.023 | 0.299 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 0.000 | 1.017 | 0.113 | 1.000 | 0.011 | 0.132 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 1.017 | 3.083 | 0.115 | 1.000 | 0.011 | 0.132 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 3.083 | 3.600 | 0.121 | 1.000 | 0.011 | 0.132 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 0.000 | 1.350 | 0.280 | 1.000 | 0.057 | 0.462 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 1.350 | 3.100 | 0.244 | 1.000 | 0.057 | 0.462 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 3.100 | 3.600 | 0.285 | 1.000 | 0.057 | 0.462 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 0.000 | 1.350 | 0.266 | 1.000 | 0.003 | 0.072 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 1.350 | 3.100 | 0.269 | 1.000 | 0.003 | 0.072 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 3.100 | 3.600 | 0.270 | 1.000 | 0.003 | 0.072 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 0.000 | 1.308 | 0.219 | 1.000 | 0.046 | 0.804 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 1.308 | 3.142 | 0.219 | 1.000 | 0.046 | 0.804 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 3.142 | 3.600 | 0.231 | 1.000 | 0.046 | 0.804 | 0.000 | 0.000 | - | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 22 | 0.000 | 1.242 | 0.205 | 1.000 | 0.027 | 0.377 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 1.242 | 3.128 | 0.208 | 1.000 | 0.027 | 0.377 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 3.128 | 3.600 | 0.209 | 1.000 | 0.027 | 0.377 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 23 | 0.000 | 0.450 | 0.234 | 1.000 | 0.044 | 0.628 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 23 | 0.450 | 1.350 | 0.201 | 1.000 | 0.044 | 0.628 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 23 | 1.350 | 1.800 | 0.276 | 1.000 | 0.044 | 0.628 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.285 | 0.354 | 1.000 | 0.068 | 0.861 | 0.004 | 0.007 | - | Si | - | - | - | - |
| 24 | 1.285 | 1.285 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 24 | 1.285 | 1.800 | 0.260 | 1.000 | 0.068 | 0.861 | 0.004 | 0.007 | - | Si | - | - | - | - |
| 25 | 0.000 | 1.242 | 0.152 | 1.000 | 0.020 | 0.207 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 1.242 | 3.128 | 0.154 | 1.000 | 0.020 | 0.207 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 3.128 | 3.600 | 0.154 | 1.000 | 0.020 | 0.207 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 0.000 | 1.242 | 0.157 | 1.000 | 0.023 | 0.243 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 1.242 | 3.128 | 0.157 | 1.000 | 0.023 | 0.243 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 3.128 | 3.600 | 0.157 | 1.000 | 0.023 | 0.243 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 27 | 0.000 | 1.242 | 0.131 | 1.000 | 0.009 | 0.135 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 27 | 1.242 | 3.128 | 0.125 | 1.000 | 0.031 | 0.361 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 27 | 3.128 | 3.600 | 0.225 | 1.205 | 0.085 | 0.962 | 0.012 | 0.039 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.450 | 0.188 | 1.000 | 0.034 | 0.233 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 28 | 0.450 | 1.350 | 0.160 | 1.000 | 0.034 | 0.233 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 28 | 1.350 | 1.800 | 0.237 | 1.000 | 0.034 | 0.233 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.450 | 0.088 | 1.000 | 0.008 | 0.065 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 0.450 | 1.350 | 0.085 | 1.000 | 0.008 | 0.065 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 1.350 | 1.800 | 0.080 | 1.000 | 0.008 | 0.065 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 30 | 0.000 | 1.242 | 0.079 | 1.000 | 0.001 | 0.004 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 30 | 1.242 | 3.128 | 0.056 | 1.000 | 0.002 | 0.037 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 30 | 3.128 | 3.600 | 0.059 | 1.000 | 0.002 | 0.037 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 31 | 0.000 | 1.242 | 0.193 | 1.000 | 0.010 | 0.154 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 31 | 1.242 | 3.128 | 0.162 | 1.000 | 0.019 | 0.231 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 31 | 3.128 | 3.600 | 0.223 | 1.000 | 0.034 | 0.327 | 0.014 | 0.049 | - | Si | - | - | - | - |

Piano 6. Verifiche SL Travi

| | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | | |
|----|--------------|--------------|---------------------|--------|-----------------------|------------------|----------------|-----------------|------------------|------------|--------------|---------------------------|---------------|------------------|-------------------|--------------|--|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE | |
| 1 | 0.000 | 0.685 | 0.188 | 1.171 | 0.106 | 0.998 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 1 | 0.685 | 1.295 | 0.177 | 1.000 | 0.064 | 0.713 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 1 | 1.295 | 1.905 | 0.156 | 1.000 | 0.022 | 0.249 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 1 | 1.905 | 2.515 | 0.186 | 1.000 | 0.061 | 0.678 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 1 | 2.515 | 3.200 | 0.168 | 1.136 | 0.102 | 0.998 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 2 | 0.000 | 0.295 | 0.441 | 1.723 | 0.192 | 0.923 | 0.296 | 0.077 | - | - | Si - | - | - | - | - | - | |
| 2 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2 | 0.295 | 1.000 | 0.619 | 1.702 | 0.184 | 0.923 | 0.293 | 0.081 | - | - | Si - | - | - | - | - | - | |
| 3 | 0.000 | 0.600 | 0.276 | 1.000 | 0.056 | 0.512 | 0.007 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 3 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 3 | 0.600 | 1.200 | 0.276 | 1.000 | 0.023 | 0.203 | 0.007 | 0.006 | - | - | Si - | - | - | - | - | - | |
| 4 | 0.000 | 0.705 | 0.975 | 2.432 | 0.431 | 0.941 | 0.458 | 0.066 | - | - | Si - | - | - | - | - | - | |
| 4 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4 | 0.705 | 1.000 | 0.690 | 2.470 | 0.445 | 0.941 | 0.465 | 0.060 | - | - | Si - | - | - | - | - | - | |
| 5 | 0.000 | 0.245 | 0.116 | 1.000 | 0.036 | 0.271 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 5 | 0.245 | 0.615 | 0.088 | 1.000 | 0.032 | 0.238 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 5 | 0.615 | 0.985 | 0.037 | 1.000 | 0.019 | 0.129 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 5 | 0.985 | 1.355 | 0.042 | 1.000 | 0.010 | 0.054 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 5 | 1.355 | 1.660 | 0.038 | 1.000 | 0.014 | 0.087 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 6 | 0.000 | 0.260 | 0.035 | 1.000 | 0.020 | 0.107 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 6 | 0.260 | 0.645 | 0.040 | 1.000 | 0.016 | 0.073 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 6 | 0.645 | 1.030 | 0.036 | 1.000 | 0.022 | 0.120 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 6 | 1.030 | 1.415 | 0.090 | 1.000 | 0.035 | 0.231 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 6 | 1.415 | 1.660 | 0.119 | 1.000 | 0.039 | 0.266 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - | |
| 7 | 0.000 | 0.185 | 0.075 | 1.000 | 0.039 | 0.244 | 0.000 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 7 | 0.185 | 1.463 | 0.372 | 1.000 | 0.034 | 0.195 | 0.000 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 7 | 1.463 | 2.740 | 0.350 | 1.000 | 0.020 | 0.079 | 0.000 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 7 | 2.740 | 4.018 | 0.315 | 1.000 | 0.037 | 0.222 | 0.000 | 0.000 | - | - | Si - | - | - | - | - | - | |
| 7 | 4.018 | 4.178 | 0.182 | 1.000 | 0.042 | 0.270 | 0.000 | 0.000 | - | - | Si - | - | - | - | - | - | |

Piano 6. Verifiche SL Travi

| | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|----|--------------|--------------|---------------------|--------|-----------------------|------------------|----------------|-----------------|------------------|------------|--------------|---------------------------|---------------|------------------|-------------------|--------------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 1 | 0.000 | 0.685 | 0.188 | 1.171 | 0.106 | 0.998 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 0.685 | 1.295 | 0.177 | 1.000 | 0.064 | 0.713 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 1.295 | 1.905 | 0.156 | 1.000 | 0.022 | 0.249 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 1.905 | 2.515 | 0.186 | 1.000 | 0.061 | 0.678 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 1 | 2.515 | 3.200 | 0.168 | 1.136 | 0.102 | 0.998 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 2 | 0.000 | 0.295 | 0.441 | 1.723 | 0.192 | 0.923 | 0.296 | 0.077 | - | - | Si | - | - | - | - | - |
| 2 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 0.295 | 1.000 | 0.619 | 1.702 | 0.184 | 0.923 | 0.293 | 0.081 | - | - | Si | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 3 | 0.000 | 0.600 | 0.276 | 1.000 | 0.056 | 0.512 | 0.007 | 0.006 | - | - | Si | - | - | - | - | - |
| 3 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 0.600 | 1.200 | 0.276 | 1.000 | 0.023 | 0.203 | 0.007 | 0.006 | - | - | Si | - | - | - | - | - |
| 4 | 0.000 | 0.705 | 0.975 | 2.432 | 0.431 | 0.941 | 0.458 | 0.066 | - | - | Si | - | - | - | - | - |
| 4 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.705 | 1.000 | 0.690 | 2.470 | 0.445 | 0.941 | 0.465 | 0.060 | - | - | Si | - | - | - | - | - |
| 5 | 0.000 | 0.245 | 0.116 | 1.000 | 0.036 | 0.271 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.245 | 0.615 | 0.088 | 1.000 | 0.032 | 0.238 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.615 | 0.985 | 0.037 | 1.000 | 0.019 | 0.129 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.985 | 1.355 | 0.042 | 1.000 | 0.010 | 0.054 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 1.355 | 1.660 | 0.038 | 1.000 | 0.014 | 0.087 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.260 | 0.035 | 1.000 | 0.020 | 0.107 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.260 | 0.645 | 0.040 | 1.000 | 0.016 | 0.073 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.645 | 1.030 | 0.036 | 1.000 | 0.022 | 0.120 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.030 | 1.415 | 0.090 | 1.000 | 0.035 | 0.231 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.415 | 1.660 | 0.119 | 1.000 | 0.039 | 0.266 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.185 | 0.075 | 1.000 | 0.039 | 0.244 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.185 | 1.463 | 0.372 | 1.000 | 0.034 | 0.195 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.463 | 2.740 | 0.350 | 1.000 | 0.020 | 0.079 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 2.740 | 4.018 | 0.315 | 1.000 | 0.037 | 0.222 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 4.018 | 4.178 | 0.182 | 1.000 | 0.042 | 0.270 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |

Piano 6. Verifiche SL Pilastri

| Piano di Verifica SLE e SLS | | | | | | | | | | | | | | |
|-----------------------------|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------|-----------|---------------------------|------------|---------------|-----------|
| Zona | | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasn. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 23 | 0.000 | 0.950 | 0.352 | 1.000 | 0.080 | 0.942 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 23 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 23 | 1.350 | 1.800 | 0.234 | 1.000 | 0.079 | 0.942 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.150 | 0.263 | 1.000 | 0.063 | 0.910 | 0.002 | 0.005 | - | Si | - | - | - | - |
| 24 | 1.150 | 1.150 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 24 | 1.150 | 1.800 | 0.416 | 1.000 | 0.063 | 0.910 | 0.002 | 0.005 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.950 | 0.193 | 1.000 | 0.029 | 0.273 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 28 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 28 | 1.350 | 1.800 | 0.190 | 1.000 | 0.029 | 0.273 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.950 | 0.215 | 1.000 | 0.037 | 0.224 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 29 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 29 | 1.350 | 1.800 | 0.088 | 1.000 | 0.036 | 0.224 | 0.001 | 0.002 | - | Si | - | - | - | - |

Piano 3. Verifiche SL Travi

| Zona | | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | | |
|------|--------------|--------------|---------------------|--------|-----------------------|------------------|----------------|-----------------|------------------|------------|--------------|---------------------------|---------------|------------------|-------------------|--------------|--|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE | |
| 2 | 0.000 | 0.955 | 0.650 | 2.299 | 0.450 | 0.999 | 0.007 | 0.001 | - | - | Si | - | - | - | - | - | |
| 2 | 0.955 | 1.752 | 0.755 | 1.641 | 0.220 | 0.998 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - | |
| 2 | 1.752 | 2.548 | 0.475 | 1.000 | 0.075 | 0.625 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - | |
| 2 | 2.548 | 3.345 | 0.772 | 1.760 | 0.245 | 0.998 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - | |
| 2 | 3.345 | 4.300 | 0.623 | 2.398 | 0.484 | 0.999 | 0.007 | 0.001 | - | - | Si | - | - | - | - | - | |
| 3 | 0.000 | 0.955 | 0.553 | 2.142 | 0.333 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - | |
| 3 | 0.955 | 1.812 | 0.768 | 1.602 | 0.212 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - | |
| 3 | 1.812 | 2.668 | 0.434 | 1.000 | 0.088 | 0.739 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - | |
| 3 | 2.668 | 3.525 | 0.836 | 1.700 | 0.232 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - | |
| 3 | 3.525 | 4.480 | 0.895 | 2.162 | 0.508 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - | |
| 4 | 0.000 | 0.954 | 0.291 | 1.970 | 0.292 | 0.997 | 0.011 | 0.004 | - | - | Si | - | - | - | - | - | |
| 4 | 0.954 | 1.516 | 0.293 | 1.000 | 0.057 | 0.475 | 0.005 | 0.004 | - | - | Si | - | - | - | - | - | |
| 4 | 1.516 | 2.470 | 0.743 | 1.810 | 0.256 | 0.997 | 0.010 | 0.004 | - | - | Si | - | - | - | - | - | |
| 5 | 0.000 | 0.955 | 0.417 | 1.327 | 0.141 | 0.997 | 0.006 | 0.003 | - | - | Si | - | - | - | - | - | |
| 5 | 0.955 | 2.098 | 0.453 | 1.000 | 0.078 | 0.758 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - | |
| 5 | 2.098 | 3.242 | 0.347 | 1.000 | 0.040 | 0.390 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - | |
| 5 | 3.242 | 4.385 | 0.346 | 1.000 | 0.099 | 0.963 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - | |
| 5 | 4.385 | 5.340 | 0.660 | 1.535 | 0.172 | 0.997 | 0.007 | 0.003 | - | - | Si | - | - | - | - | - | |
| 6 | 0.000 | 0.955 | 0.526 | 1.734 | 0.239 | 0.997 | 0.010 | 0.004 | - | - | Si | - | - | - | - | - | |
| 6 | 0.955 | 1.780 | 0.413 | 1.000 | 0.051 | 0.419 | 0.005 | 0.004 | - | - | Si | - | - | - | - | - | |
| 6 | 1.780 | 2.700 | 0.407 | 1.555 | 0.204 | 0.997 | 0.009 | 0.004 | - | - | Si | - | - | - | - | - | |
| 7 | 0.000 | 0.920 | 0.440 | 1.350 | 0.168 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - | |
| 7 | 0.920 | 1.310 | 0.442 | 1.000 | 0.033 | 0.284 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - | |
| 7 | 1.310 | 2.230 | 0.439 | 1.321 | 0.163 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - | |
| 8 | 0.000 | 0.920 | 0.595 | 1.209 | 0.147 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - | |
| 8 | 0.920 | 1.705 | 0.600 | 1.000 | 0.087 | 0.728 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - | |
| 8 | 1.705 | 2.660 | 0.709 | 1.883 | 0.290 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - | |
| 10 | 0.000 | 0.955 | 0.610 | 2.173 | 0.466 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - | |
| 10 | 0.955 | 1.922 | 0.831 | 1.462 | 0.224 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - | |
| 10 | 1.922 | 2.888 | 0.539 | 1.000 | 0.082 | 0.575 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - | |
| 10 | 2.888 | 3.855 | 0.787 | 1.595 | 0.254 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - | |
| 10 | 3.855 | 4.810 | 0.777 | 2.293 | 0.509 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - | |
| 11 | 0.000 | 0.955 | 0.487 | 2.160 | 0.406 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - | |
| 11 | 0.955 | 1.725 | 0.358 | 1.287 | 0.190 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - | |
| 11 | 1.725 | 2.495 | 0.286 | 1.000 | 0.057 | 0.401 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - | |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 11 | 2.495 | 3.265 | 0.478 | 1.365 | 0.205 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.812 | 2.237 | 0.430 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.698 | 2.233 | 0.536 | 0.999 | 0.002 | 0.000 | - | - | SI | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.929 | 1.719 | 0.283 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.623 | 1.000 | 0.091 | 0.635 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.941 | 1.587 | 0.252 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.701 | 2.081 | 0.478 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.722 | 1.957 | 0.317 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.952 | 1.337 | 0.166 | 0.999 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.615 | 1.000 | 0.053 | 0.446 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.971 | 1.336 | 0.166 | 0.999 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.718 | 2.219 | 0.354 | 0.999 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.491 | 1.000 | 0.110 | 0.924 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.179 | 1.000 | 0.000 | 0.001 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.452 | 1.000 | 0.110 | 0.927 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.518 | 2.017 | 0.302 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.722 | 1.170 | 0.141 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.449 | 1.000 | 0.064 | 0.539 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.631 | 1.394 | 0.175 | 0.999 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.951 | 2.244 | 0.359 | 0.999 | 0.001 | 0.000 | - | - | SI | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.813 | 1.745 | 0.182 | 0.995 | 0.013 | 0.007 | - | - | SI | - | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.529 | 1.000 | 0.074 | 0.813 | 0.007 | 0.007 | - | - | SI | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.538 | 1.000 | 0.067 | 0.738 | 0.007 | 0.007 | - | - | SI | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.638 | 1.605 | 0.256 | 0.999 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.727 | 1.128 | 0.162 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.406 | 1.000 | 0.066 | 0.462 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.773 | 1.352 | 0.202 | 0.999 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.580 | 2.236 | 0.477 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.578 | 2.149 | 0.447 | 0.999 | 0.007 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.751 | 1.250 | 0.183 | 0.998 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.374 | 1.000 | 0.084 | 0.587 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.627 | 1.258 | 0.185 | 0.998 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.846 | 1.754 | 0.292 | 0.998 | 0.006 | 0.001 | - | - | SI | - | - | - | - | - |
| 22 | 0.000 | 1.074 | 0.629 | 2.497 | 0.519 | 0.997 | 0.023 | 0.004 | - | - | SI | - | - | - | - | - |
| 22 | 1.074 | 2.556 | 0.698 | 1.013 | 0.145 | 0.994 | 0.009 | 0.005 | - | - | SI | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.680 | 1.494 | 0.232 | 0.996 | 0.014 | 0.005 | - | - | SI | - | - | - | - | - |
| 23 | 0.634 | 0.000 | 0.646 | 2.221 | 0.532 | 0.999 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 23 | 1.756 | 0.634 | 0.664 | 1.403 | 0.266 | 0.998 | 0.002 | 0.002 | - | - | SI | - | - | - | - | - |
| 23 | 2.390 | 1.756 | 0.662 | 1.143 | 0.207 | 0.997 | 0.002 | 0.002 | - | - | SI | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.497 | 1.667 | 0.175 | 0.992 | 0.012 | 0.009 | - | - | SI | - | - | - | - | - |
| 24 | 0.575 | 1.082 | 0.424 | 1.287 | 0.124 | 0.990 | 0.009 | 0.012 | - | - | SI | - | - | - | - | - |
| 24 | 1.082 | 1.588 | 0.303 | 1.000 | 0.068 | 0.688 | 0.007 | 0.012 | - | - | SI | - | - | - | - | - |
| 24 | 1.588 | 2.095 | 0.376 | 1.948 | 0.221 | 0.993 | 0.014 | 0.012 | - | - | SI | - | - | - | - | - |
| 24 | 2.095 | 2.770 | 0.487 | 2.378 | 0.403 | 0.996 | 0.018 | 0.005 | - | - | SI | - | - | - | - | - |
| 26 | 0.000 | 0.584 | 0.233 | 1.000 | 0.145 | 0.994 | 0.000 | 0.001 | - | - | SI | - | - | - | - | - |
| 26 | 0.584 | 1.326 | 0.235 | 1.324 | 0.215 | 0.999 | 0.000 | 0.001 | - | - | SI | - | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.571 | 2.019 | 0.455 | 0.999 | 0.000 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.557 | 1.966 | 0.348 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.733 | 1.113 | 0.160 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.516 | 1.000 | 0.091 | 0.632 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.597 | 1.509 | 0.234 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.710 | 2.362 | 0.470 | 0.999 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 0.000 | 1.175 | 0.805 | 2.432 | 0.496 | 0.999 | 0.010 | 0.001 | - | - | SI | - | - | - | - | - |
| 28 | 1.175 | 2.262 | 0.879 | 1.517 | 0.236 | 0.998 | 0.006 | 0.002 | - | - | SI | - | - | - | - | - |
| 28 | 2.262 | 3.348 | 0.415 | 1.000 | 0.066 | 0.459 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 28 | 3.348 | 4.435 | 0.587 | 1.009 | 0.144 | 0.997 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 28 | 4.435 | 5.570 | 0.582 | 1.288 | 0.190 | 0.998 | 0.005 | 0.002 | - | - | SI | - | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.138 | 1.000 | 0.102 | 0.794 | 0.000 | 0.003 | - | - | SI | - | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.212 | 1.314 | 0.169 | 0.996 | 0.001 | 0.003 | - | - | SI | - | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.450 | 2.431 | 0.420 | 0.998 | 0.001 | 0.002 | - | - | SI | - | - | - | - | - |
| 30 | 0.000 | 1.185 | 0.769 | 2.126 | 0.395 | 0.999 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 30 | 1.185 | 2.032 | 0.878 | 1.091 | 0.130 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 30 | 2.032 | 2.878 | 0.435 | 1.000 | 0.003 | 0.026 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 30 | 2.878 | 3.725 | 0.874 | 1.145 | 0.138 | 0.998 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 30 | 3.725 | 4.910 | 0.760 | 2.171 | 0.409 | 0.999 | 0.004 | 0.001 | - | - | SI | - | - | - | - | - |
| 32 | 0.000 | 0.295 | 0.566 | 2.121 | 0.338 | 0.927 | 0.287 | 0.074 | - | - | SI | - | - | - | - | - |
| 32 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.295 | 1.000 | 0.727 | 2.071 | 0.321 | 0.925 | 0.280 | 0.085 | - | - | SI | - | - | - | - | - |
| 33 | 0.000 | 0.600 | 0.266 | 1.000 | 0.080 | 0.683 | 0.020 | 0.027 | - | - | SI | - | - | - | - | - |
| 33 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.600 | 1.200 | 0.758 | 1.152 | 0.129 | 0.977 | 0.023 | 0.027 | - | - | SI | - | - | - | - | - |
| 34 | 0.000 | 0.705 | 0.423 | 1.529 | 0.204 | 0.912 | 0.270 | 0.098 | - | - | SI | - | - | - | - | - |
| 34 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.705 | 1.000 | 0.422 | 1.545 | 0.208 | 0.913 | 0.273 | 0.088 | - | - | SI | - | - | - | - | - |
| 35 | 0.000 | 0.160 | 0.083 | 1.000 | 0.028 | 0.241 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 35 | 0.160 | 1.438 | 0.436 | 1.000 | 0.023 | 0.190 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 35 | 1.438 | 2.715 | 0.392 | 1.000 | 0.009 | 0.064 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 35 | 2.715 | 3.993 | 0.374 | 1.000 | 0.026 | 0.216 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 35 | 3.993 | 4.178 | 0.125 | 1.000 | 0.031 | 0.265 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |

Piano 3. Verifiche SL Travi

| N° | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasn. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 2 | 0.000 | 0.955 | 0.650 | 2.299 | 0.450 | 0.999 | 0.007 | 0.001 | - | - | Si | - | - | - | - | - |
| 2 | 0.955 | 1.752 | 0.755 | 1.641 | 0.220 | 0.998 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - |
| 2 | 1.752 | 2.548 | 0.475 | 1.000 | 0.075 | 0.625 | 0.003 | 0.002 | - | - | Si | - | - | - | - | - |
| 2 | 2.548 | 3.345 | 0.772 | 1.760 | 0.245 | 0.998 | 0.005 | 0.002 | - | - | Si | - | - | - | - | - |
| 2 | 3.345 | 4.300 | 0.623 | 2.398 | 0.484 | 0.999 | 0.007 | 0.001 | - | - | Si | - | - | - | - | - |
| 3 | 0.000 | 0.955 | 0.553 | 2.142 | 0.333 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 3 | 0.955 | 1.812 | 0.768 | 1.602 | 0.212 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 3 | 1.812 | 2.668 | 0.434 | 1.000 | 0.088 | 0.739 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 3 | 2.668 | 3.525 | 0.836 | 1.700 | 0.232 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 3 | 3.525 | 4.480 | 0.895 | 2.162 | 0.508 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 4 | 0.000 | 0.954 | 0.291 | 1.970 | 0.292 | 0.997 | 0.011 | 0.004 | - | - | Si | - | - | - | - | - |
| 4 | 0.954 | 1.516 | 0.293 | 1.000 | 0.057 | 0.475 | 0.005 | 0.004 | - | - | Si | - | - | - | - | - |
| 4 | 1.516 | 2.470 | 0.743 | 1.810 | 0.256 | 0.997 | 0.010 | 0.004 | - | - | Si | - | - | - | - | - |
| 5 | 0.000 | 0.955 | 0.417 | 1.327 | 0.141 | 0.997 | 0.006 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 0.955 | 2.098 | 0.453 | 1.000 | 0.078 | 0.758 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 2.098 | 3.242 | 0.347 | 1.000 | 0.040 | 0.390 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 3.242 | 4.385 | 0.346 | 1.000 | 0.099 | 0.963 | 0.004 | 0.003 | - | - | Si | - | - | - | - | - |
| 5 | 4.385 | 5.340 | 0.660 | 1.535 | 0.172 | 0.997 | 0.007 | 0.003 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.955 | 0.526 | 1.734 | 0.239 | 0.997 | 0.010 | 0.004 | - | - | Si | - | - | - | - | - |
| 6 | 0.955 | 1.780 | 0.413 | 1.000 | 0.051 | 0.419 | 0.005 | 0.004 | - | - | Si | - | - | - | - | - |
| 6 | 1.780 | 2.700 | 0.407 | 1.555 | 0.204 | 0.997 | 0.009 | 0.004 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.920 | 0.440 | 1.350 | 0.168 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 0.920 | 1.310 | 0.442 | 1.000 | 0.033 | 0.284 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 7 | 1.310 | 2.230 | 0.439 | 1.321 | 0.163 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 8 | 0.000 | 0.920 | 0.595 | 1.209 | 0.147 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 0.920 | 1.705 | 0.600 | 1.000 | 0.087 | 0.728 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 8 | 1.705 | 2.660 | 0.709 | 1.883 | 0.290 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 10 | 0.000 | 0.955 | 0.610 | 2.173 | 0.466 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.831 | 1.462 | 0.224 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.539 | 1.000 | 0.082 | 0.575 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.787 | 1.595 | 0.254 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.777 | 2.293 | 0.509 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.487 | 2.160 | 0.406 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.358 | 1.287 | 0.190 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.286 | 1.000 | 0.057 | 0.401 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.478 | 1.365 | 0.205 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.812 | 2.237 | 0.430 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.698 | 2.233 | 0.536 | 0.999 | 0.002 | 0.000 | - | - | Si | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.929 | 1.719 | 0.283 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.623 | 1.000 | 0.091 | 0.635 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.941 | 1.587 | 0.252 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.701 | 2.081 | 0.478 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.722 | 1.957 | 0.317 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.952 | 1.337 | 0.166 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.615 | 1.000 | 0.053 | 0.446 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.971 | 1.336 | 0.166 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.718 | 2.219 | 0.354 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.491 | 1.000 | 0.110 | 0.924 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.179 | 1.000 | 0.000 | 0.001 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.452 | 1.000 | 0.110 | 0.927 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.518 | 2.017 | 0.302 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.722 | 1.170 | 0.141 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.449 | 1.000 | 0.064 | 0.539 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.631 | 1.394 | 0.175 | 0.999 | 0.000 | 0.000 | - | - | Si | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.951 | 2.244 | 0.359 | 0.999 | 0.001 | 0.000 | - | - | Si | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.813 | 1.745 | 0.182 | 0.995 | 0.013 | 0.007 | - | - | Si | - | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.529 | 1.000 | 0.074 | 0.813 | 0.007 | 0.007 | - | - | Si | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.538 | 1.000 | 0.067 | 0.738 | 0.007 | 0.007 | - | - | Si | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.638 | 1.605 | 0.256 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.727 | 1.128 | 0.162 | 0.999 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.406 | 1.000 | 0.066 | 0.462 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.773 | 1.352 | 0.202 | 0.999 | 0.002 | 0.001 | - | - | Si | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.580 | 2.236 | 0.477 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.578 | 2.149 | 0.447 | 0.999 | 0.007 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.751 | 1.250 | 0.183 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.374 | 1.000 | 0.084 | 0.587 | 0.003 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.627 | 1.258 | 0.185 | 0.998 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.846 | 1.754 | 0.292 | 0.998 | 0.006 | 0.001 | - | - | Si | - | - | - | - | - |
| 22 | 0.000 | 1.074 | 0.629 | 2.497 | 0.519 | 0.997 | 0.023 | 0.004 | - | - | Si | - | - | - | - | - |
| 22 | 1.074 | 2.556 | 0.698 | 1.013 | 0.145 | 0.994 | 0.009 | 0.005 | - | - | Si | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.680 | 1.494 | 0.232 | 0.996 | 0.014 | 0.005 | - | - | Si | - | - | - | - | - |
| 23 | 0.634 | 0.000 | 0.646 | 2.221 | 0.532 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - | - |
| 23 | 1.756 | 0.634 | 0.664 | 1.403 | 0.266 | 0.998 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 23 | 2.390 | 1.756 | 0.662 | 1.143 | 0.207 | 0.997 | 0.002 | 0.002 | - | - | Si | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.497 | 1.667 | 0.175 | 0.992 | 0.012 | 0.009 | - | - | Si | - | - | - | - | - |
| 24 | 0.575 | 1.082 | 0.424 | 1.287 | 0.124 | 0.990 | 0.009 | 0.012 | - | - | Si | - | - | - | - | - |

Comune di Ronco Scrivia, Prot. N. 0002550 del 14-03-2022 in arrivo

| | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|
| 24 | 1.082 | 1.588 | 0.303 | 1.000 | 0.068 | 0.688 | 0.007 | 0.012 | - | - | Si | - | - | - | - |
| 24 | 1.588 | 2.095 | 0.376 | 1.948 | 0.221 | 0.993 | 0.014 | 0.012 | - | - | Si | - | - | - | - |
| 24 | 2.095 | 2.770 | 0.487 | 2.378 | 0.403 | 0.996 | 0.018 | 0.005 | - | - | Si | - | - | - | - |
| 26 | 0.000 | 0.584 | 0.233 | 1.000 | 0.145 | 0.994 | 0.000 | 0.001 | - | - | Si | - | - | - | - |
| 26 | 0.584 | 1.326 | 0.235 | 1.324 | 0.215 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.571 | 2.019 | 0.455 | 0.999 | 0.000 | 0.001 | - | - | Si | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.557 | 1.966 | 0.348 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.733 | 1.113 | 0.160 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.516 | 1.000 | 0.091 | 0.632 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.597 | 1.509 | 0.234 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.710 | 2.362 | 0.470 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - |
| 28 | 0.000 | 1.175 | 0.805 | 2.432 | 0.496 | 0.999 | 0.010 | 0.001 | - | - | Si | - | - | - | - |
| 28 | 1.175 | 2.262 | 0.879 | 1.517 | 0.236 | 0.998 | 0.006 | 0.002 | - | - | Si | - | - | - | - |
| 28 | 2.262 | 3.348 | 0.415 | 1.000 | 0.066 | 0.459 | 0.004 | 0.002 | - | - | Si | - | - | - | - |
| 28 | 3.348 | 4.435 | 0.587 | 1.009 | 0.144 | 0.997 | 0.004 | 0.002 | - | - | Si | - | - | - | - |
| 28 | 4.435 | 5.570 | 0.582 | 1.288 | 0.190 | 0.998 | 0.005 | 0.002 | - | - | Si | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.138 | 1.000 | 0.102 | 0.794 | 0.000 | 0.003 | - | - | Si | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.212 | 1.314 | 0.169 | 0.996 | 0.001 | 0.003 | - | - | Si | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.450 | 2.431 | 0.420 | 0.998 | 0.001 | 0.002 | - | - | Si | - | - | - | - |
| 30 | 0.000 | 1.185 | 0.769 | 2.126 | 0.395 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - |
| 30 | 1.185 | 2.032 | 0.878 | 1.091 | 0.130 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 30 | 2.032 | 2.878 | 0.435 | 1.000 | 0.003 | 0.026 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 30 | 2.878 | 3.725 | 0.874 | 1.145 | 0.138 | 0.998 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 30 | 3.725 | 4.910 | 0.760 | 2.171 | 0.409 | 0.999 | 0.004 | 0.001 | - | - | Si | - | - | - | - |
| 32 | 0.000 | 0.295 | 0.566 | 2.121 | 0.338 | 0.927 | 0.287 | 0.074 | - | - | Si | - | - | - | - |
| 32 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.295 | 1.000 | 0.727 | 2.071 | 0.321 | 0.925 | 0.280 | 0.085 | - | - | Si | - | - | - | - |
| 33 | 0.000 | 0.600 | 0.266 | 1.000 | 0.080 | 0.683 | 0.020 | 0.027 | - | - | Si | - | - | - | - |
| 33 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.600 | 1.200 | 0.758 | 1.152 | 0.129 | 0.977 | 0.023 | 0.027 | - | - | Si | - | - | - | - |
| 34 | 0.000 | 0.705 | 0.423 | 1.529 | 0.204 | 0.912 | 0.270 | 0.098 | - | - | Si | - | - | - | - |
| 34 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.705 | 1.000 | 0.422 | 1.545 | 0.208 | 0.913 | 0.273 | 0.088 | - | - | Si | - | - | - | - |
| 35 | 0.000 | 0.160 | 0.083 | 1.000 | 0.028 | 0.241 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 0.160 | 1.438 | 0.436 | 1.000 | 0.023 | 0.190 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 1.438 | 2.715 | 0.392 | 1.000 | 0.009 | 0.064 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 2.715 | 3.993 | 0.374 | 1.000 | 0.026 | 0.216 | 0.001 | 0.001 | - | - | Si | - | - | - | - |
| 35 | 3.993 | 4.178 | 0.125 | 1.000 | 0.031 | 0.265 | 0.001 | 0.001 | - | - | Si | - | - | - | - |

Piano 3. Verifiche SL Pilastri

| N° | Zona | | Stati Limite Ultimi | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------|---------------------------|---------------|------------|---------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 1 | 0.000 | 1.242 | 0.232 | 1.000 | 0.035 | 0.438 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 1.242 | 3.128 | 0.179 | 1.000 | 0.035 | 0.438 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 3.128 | 3.600 | 0.234 | 1.000 | 0.035 | 0.438 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 0.000 | 1.242 | 0.123 | 1.000 | 0.011 | 0.111 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 1.242 | 3.128 | 0.126 | 1.000 | 0.011 | 0.111 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 3.128 | 3.600 | 0.130 | 1.000 | 0.011 | 0.111 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 0.000 | 1.242 | 0.144 | 1.000 | 0.018 | 0.179 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 1.242 | 3.128 | 0.118 | 1.000 | 0.018 | 0.179 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 3.128 | 3.600 | 0.140 | 1.000 | 0.018 | 0.179 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 4 | 0.000 | 1.242 | 0.118 | 1.000 | 0.005 | 0.079 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 4 | 1.242 | 3.128 | 0.099 | 1.000 | 0.012 | 0.139 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 4 | 3.128 | 3.600 | 0.144 | 1.000 | 0.027 | 0.289 | 0.007 | 0.023 | - | Si | - | - | - | - |
| 5 | 0.000 | 1.242 | 0.053 | 1.000 | 0.000 | 0.002 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 1.242 | 3.128 | 0.040 | 1.000 | 0.002 | 0.029 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 3.128 | 3.600 | 0.043 | 1.000 | 0.006 | 0.084 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 6 | 0.000 | 1.242 | 0.139 | 1.000 | 0.004 | 0.059 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 6 | 1.242 | 3.128 | 0.153 | 1.000 | 0.035 | 0.476 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 6 | 3.128 | 3.600 | 0.402 | 1.860 | 0.147 | 0.990 | 0.009 | 0.009 | - | Si | - | - | - | - |
| 7 | 0.000 | 1.400 | 0.163 | 1.000 | 0.025 | 0.451 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 1.400 | 3.150 | 0.166 | 1.000 | 0.025 | 0.451 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 3.150 | 3.600 | 0.168 | 1.000 | 0.025 | 0.451 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 0.000 | 1.242 | 0.163 | 1.000 | 0.034 | 0.483 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 1.242 | 3.128 | 0.142 | 1.000 | 0.034 | 0.483 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 3.128 | 3.600 | 0.177 | 1.000 | 0.034 | 0.483 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 0.000 | 1.242 | 0.211 | 1.000 | 0.036 | 0.469 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 1.242 | 3.128 | 0.164 | 1.000 | 0.036 | 0.469 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 3.128 | 3.600 | 0.214 | 1.000 | 0.036 | 0.469 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 0.000 | 1.308 | 0.084 | 1.000 | 0.001 | 0.009 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 1.308 | 3.142 | 0.041 | 1.000 | 0.014 | 0.177 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 10 | 3.142 | 3.600 | 0.092 | 1.000 | 0.034 | 0.436 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 11 | 0.000 | 1.308 | 0.071 | 1.000 | 0.001 | 0.007 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 1.308 | 3.142 | 0.059 | 1.000 | 0.017 | 0.223 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 3.142 | 3.600 | 0.152 | 1.000 | 0.055 | 0.732 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 0.000 | 1.242 | 0.153 | 1.000 | 0.005 | 0.083 | 0.001 | 0.003 | - | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 12 | 1.242 | 3.128 | 0.102 | 1.000 | 0.012 | 0.148 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 12 | 3.128 | 3.600 | 0.149 | 1.000 | 0.023 | 0.216 | 0.007 | 0.024 | - | Si | - | - | - | - |
| 13 | 0.000 | 1.450 | 0.264 | 1.000 | 0.048 | 0.782 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 1.450 | 3.150 | 0.207 | 1.000 | 0.048 | 0.782 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 3.150 | 3.600 | 0.261 | 1.000 | 0.047 | 0.782 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 0.000 | 1.450 | 0.246 | 1.165 | 0.078 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 1.450 | 3.150 | 0.231 | 1.165 | 0.078 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 3.150 | 3.600 | 0.283 | 1.165 | 0.078 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 0.000 | 1.308 | 0.116 | 1.000 | 0.004 | 0.082 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 15 | 1.308 | 3.142 | 0.092 | 1.000 | 0.034 | 0.500 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 15 | 3.142 | 3.600 | 0.174 | 1.400 | 0.095 | 0.991 | 0.002 | 0.008 | - | Si | - | - | - | - |
| 16 | 0.000 | 1.242 | 0.126 | 1.000 | 0.021 | 0.295 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 1.242 | 3.128 | 0.129 | 1.000 | 0.021 | 0.295 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 3.128 | 3.600 | 0.130 | 1.000 | 0.021 | 0.295 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 0.000 | 1.242 | 0.222 | 1.000 | 0.027 | 0.371 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 1.242 | 3.128 | 0.164 | 1.000 | 0.027 | 0.371 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 3.128 | 3.600 | 0.206 | 1.000 | 0.026 | 0.371 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 0.000 | 1.017 | 0.085 | 1.000 | 0.007 | 0.081 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 1.017 | 3.083 | 0.088 | 1.000 | 0.007 | 0.081 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 3.083 | 3.600 | 0.089 | 1.000 | 0.007 | 0.081 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 0.000 | 1.350 | 0.300 | 1.000 | 0.062 | 0.461 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 1.350 | 3.100 | 0.245 | 1.000 | 0.062 | 0.461 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 3.100 | 3.600 | 0.294 | 1.000 | 0.062 | 0.461 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 0.000 | 1.350 | 0.177 | 1.000 | 0.004 | 0.084 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 1.350 | 3.100 | 0.180 | 1.000 | 0.004 | 0.084 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 3.100 | 3.600 | 0.181 | 1.000 | 0.004 | 0.084 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 0.000 | 1.308 | 0.219 | 1.000 | 0.039 | 0.695 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 1.308 | 3.142 | 0.177 | 1.000 | 0.039 | 0.695 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 3.142 | 3.600 | 0.217 | 1.000 | 0.039 | 0.695 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 0.000 | 1.242 | 0.135 | 1.000 | 0.025 | 0.339 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 1.242 | 3.128 | 0.139 | 1.000 | 0.025 | 0.339 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 3.128 | 3.600 | 0.152 | 1.000 | 0.025 | 0.339 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 23 | 0.000 | 0.450 | 0.270 | 1.000 | 0.046 | 0.613 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 23 | 0.450 | 1.350 | 0.256 | 1.000 | 0.045 | 0.613 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 23 | 1.350 | 1.800 | 0.346 | 1.000 | 0.045 | 0.613 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.285 | 0.464 | 1.000 | 0.070 | 0.940 | 0.003 | 0.008 | - | Si | - | - | - | - |
| 24 | 1.285 | 1.285 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 24 | 1.285 | 1.800 | 0.342 | 1.000 | 0.070 | 0.940 | 0.003 | 0.008 | - | Si | - | - | - | - |
| 25 | 0.000 | 1.242 | 0.145 | 1.000 | 0.020 | 0.198 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 1.242 | 3.128 | 0.125 | 1.000 | 0.020 | 0.198 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 3.128 | 3.600 | 0.154 | 1.000 | 0.020 | 0.198 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 0.000 | 1.242 | 0.177 | 1.000 | 0.024 | 0.249 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 1.242 | 3.128 | 0.144 | 1.000 | 0.024 | 0.249 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 3.128 | 3.600 | 0.187 | 1.000 | 0.024 | 0.249 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 27 | 0.000 | 1.242 | 0.137 | 1.000 | 0.009 | 0.130 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 27 | 1.242 | 3.128 | 0.134 | 1.000 | 0.030 | 0.343 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 27 | 3.128 | 3.600 | 0.231 | 1.099 | 0.080 | 0.953 | 0.013 | 0.047 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.450 | 0.200 | 1.000 | 0.034 | 0.227 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 28 | 0.450 | 1.350 | 0.189 | 1.000 | 0.034 | 0.227 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 28 | 1.350 | 1.800 | 0.273 | 1.000 | 0.034 | 0.227 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.450 | 0.084 | 1.000 | 0.006 | 0.054 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 0.450 | 1.350 | 0.068 | 1.000 | 0.006 | 0.054 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 1.350 | 1.800 | 0.073 | 1.000 | 0.006 | 0.054 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 30 | 0.000 | 1.242 | 0.048 | 1.000 | 0.000 | 0.001 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 30 | 1.242 | 3.128 | 0.042 | 1.000 | 0.002 | 0.032 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 30 | 3.128 | 3.600 | 0.045 | 1.000 | 0.002 | 0.032 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 31 | 0.000 | 1.242 | 0.223 | 1.000 | 0.012 | 0.172 | 0.002 | 0.006 | - | Si | - | - | - | - |
| 31 | 1.242 | 3.128 | 0.216 | 1.000 | 0.023 | 0.273 | 0.002 | 0.006 | - | Si | - | - | - | - |
| 31 | 3.128 | 3.600 | 0.301 | 1.000 | 0.045 | 0.431 | 0.018 | 0.061 | - | Si | - | - | - | - |

Piano 7. Verifiche SL Travi

| Stati Limite Ultimi | | | | | | | | | | | | Stati Limite di Esercizio | | | | |
|---------------------|-------|-------|---------|--------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| N° | Zona | | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 1 | 0.000 | 0.685 | 0.195 | 1.184 | 0.107 | 0.998 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 0.685 | 1.295 | 0.174 | 1.000 | 0.065 | 0.725 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 1.295 | 1.905 | 0.156 | 1.000 | 0.023 | 0.261 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 1.905 | 2.515 | 0.189 | 1.000 | 0.060 | 0.667 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 2.515 | 3.200 | 0.161 | 1.126 | 0.101 | 0.998 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 2 | 0.000 | 0.295 | 0.543 | 1.904 | 0.223 | 0.922 | 0.367 | 0.078 | - | - | Si - | - | - | - | - | - |
| 2 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 0.295 | 1.000 | 0.716 | 1.883 | 0.214 | 0.922 | 0.363 | 0.082 | - | - | Si - | - | - | - | - | - |
| 3 | 0.000 | 0.600 | 0.310 | 1.000 | 0.035 | 0.327 | 0.003 | 0.003 | - | - | Si - | - | - | - | - | - |
| 3 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 3 | 0.600 | 1.200 | 0.310 | 1.000 | 0.035 | 0.324 | 0.003 | 0.003 | - | - | Si | - | - | - | - | - |
| 4 | 0.000 | 0.705 | 0.916 | 2.440 | 0.422 | 0.936 | 0.500 | 0.071 | - | - | Si | - | - | - | - | - |
| 4 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.705 | 1.000 | 0.721 | 2.476 | 0.436 | 0.937 | 0.507 | 0.065 | - | - | Si | - | - | - | - | - |
| 5 | 0.000 | 0.245 | 0.147 | 1.000 | 0.039 | 0.313 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.245 | 0.615 | 0.115 | 1.000 | 0.036 | 0.279 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.615 | 0.985 | 0.045 | 1.000 | 0.023 | 0.170 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 0.985 | 1.355 | 0.062 | 1.000 | 0.011 | 0.064 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 5 | 1.355 | 1.660 | 0.062 | 1.000 | 0.008 | 0.046 | 0.000 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.000 | 0.260 | 0.051 | 1.000 | 0.020 | 0.087 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.260 | 0.645 | 0.052 | 1.000 | 0.016 | 0.055 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 0.645 | 1.030 | 0.041 | 1.000 | 0.027 | 0.143 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.030 | 1.415 | 0.107 | 1.000 | 0.040 | 0.255 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 6 | 1.415 | 1.660 | 0.138 | 1.000 | 0.044 | 0.289 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 0.000 | 0.185 | 0.081 | 1.000 | 0.034 | 0.243 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 0.185 | 1.463 | 0.411 | 1.000 | 0.029 | 0.193 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 1.463 | 2.740 | 0.377 | 1.000 | 0.015 | 0.069 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 2.740 | 4.018 | 0.355 | 1.000 | 0.032 | 0.217 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |
| 7 | 4.018 | 4.178 | 0.145 | 1.000 | 0.037 | 0.266 | 0.001 | 0.001 | - | - | Si | - | - | - | - | - |

Piano 7. Verifiche SL Travi

| Zona | | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|------|--------------|--------------|---------------------|--------|-----------------------|------------------|----------------|-----------------|------------------|------------|--------------|---------------------------|---------------|------------------|-------------------|--------------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 1 | 0.000 | 0.685 | 0.195 | 1.184 | 0.107 | 0.998 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 0.685 | 1.295 | 0.174 | 1.000 | 0.065 | 0.725 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 1.295 | 1.905 | 0.156 | 1.000 | 0.023 | 0.261 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 1.905 | 2.515 | 0.189 | 1.000 | 0.060 | 0.667 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 1 | 2.515 | 3.200 | 0.161 | 1.126 | 0.101 | 0.998 | 0.001 | 0.002 | - | - | Si - | - | - | - | - | - |
| 2 | 0.000 | 0.295 | 0.543 | 1.904 | 0.223 | 0.922 | 0.367 | 0.078 | - | - | Si - | - | - | - | - | - |
| 2 | 0.295 | 0.295 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 0.295 | 1.000 | 0.716 | 1.883 | 0.214 | 0.922 | 0.363 | 0.082 | - | - | Si - | - | - | - | - | - |
| 3 | 0.000 | 0.600 | 0.310 | 1.000 | 0.035 | 0.327 | 0.003 | 0.003 | - | - | Si - | - | - | - | - | - |
| 3 | 0.600 | 0.600 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 0.600 | 1.200 | 0.310 | 1.000 | 0.035 | 0.324 | 0.003 | 0.003 | - | - | Si - | - | - | - | - | - |
| 4 | 0.000 | 0.705 | 0.916 | 2.440 | 0.422 | 0.936 | 0.500 | 0.071 | - | - | Si - | - | - | - | - | - |
| 4 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.705 | 1.000 | 0.721 | 2.476 | 0.436 | 0.937 | 0.507 | 0.065 | - | - | Si - | - | - | - | - | - |
| 5 | 0.000 | 0.245 | 0.147 | 1.000 | 0.039 | 0.313 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - |
| 5 | 0.245 | 0.615 | 0.115 | 1.000 | 0.036 | 0.279 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - |
| 5 | 0.615 | 0.985 | 0.045 | 1.000 | 0.023 | 0.170 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - |
| 5 | 0.985 | 1.355 | 0.062 | 1.000 | 0.011 | 0.064 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - |
| 5 | 1.355 | 1.660 | 0.062 | 1.000 | 0.008 | 0.046 | 0.000 | 0.001 | - | - | Si - | - | - | - | - | - |
| 6 | 0.000 | 0.260 | 0.051 | 1.000 | 0.020 | 0.087 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 6 | 0.260 | 0.645 | 0.052 | 1.000 | 0.016 | 0.055 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 6 | 0.645 | 1.030 | 0.041 | 1.000 | 0.027 | 0.143 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 6 | 1.030 | 1.415 | 0.107 | 1.000 | 0.040 | 0.255 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 6 | 1.415 | 1.660 | 0.138 | 1.000 | 0.044 | 0.289 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 7 | 0.000 | 0.185 | 0.081 | 1.000 | 0.034 | 0.243 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 7 | 0.185 | 1.463 | 0.411 | 1.000 | 0.029 | 0.193 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 7 | 1.463 | 2.740 | 0.377 | 1.000 | 0.015 | 0.069 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 7 | 2.740 | 4.018 | 0.355 | 1.000 | 0.032 | 0.217 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |
| 7 | 4.018 | 4.178 | 0.145 | 1.000 | 0.037 | 0.266 | 0.001 | 0.001 | - | - | Si - | - | - | - | - | - |

Piano 7. Verifiche SL Pilastri

| Zona | | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|------|--------------|--------------|---------------------|--------|-----------------------|------------------|----------------|-----------------|------------|--------------|---------------------------|---------------|------------------|--------------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 23 | 0.000 | 0.950 | 0.393 | 1.000 | 0.075 | 0.851 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 23 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 23 | 1.350 | 1.800 | 0.267 | 1.000 | 0.075 | 0.851 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.150 | 0.395 | 1.000 | 0.059 | 0.847 | 0.003 | 0.006 | - | Si | - | - | - | - |
| 24 | 1.150 | 1.150 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 24 | 1.150 | 1.800 | 0.604 | 1.000 | 0.059 | 0.847 | 0.003 | 0.006 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.950 | 0.198 | 1.000 | 0.029 | 0.236 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 28 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 28 | 1.350 | 1.800 | 0.204 | 1.000 | 0.029 | 0.236 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.950 | 0.221 | 1.000 | 0.033 | 0.194 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 29 | 0.950 | 1.350 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 29 | 1.350 | 1.800 | 0.084 | 1.000 | 0.033 | 0.194 | 0.001 | 0.002 | - | Si | - | - | - | - |

Piano 4. Verifiche SL Travi

| Zona | | Stati Limite Ultimi | | | | | | | | | | Stati Limite di Esercizio | | | | |
|------|--------------|---------------------|---------|--------|-----------------------|------------------|----------------|----------------|------------------|------------|--------------|---------------------------|---------------|------------------|-------------------|--------------|
| N° | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trav. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 2 | 0.000 | 0.955 | 0.634 | 1.900 | 0.413 | 0.997 | 0.019 | 0.005 | - | - | Si | - | - | - | - | - |
| 2 | 0.955 | 1.752 | 0.816 | 1.616 | 0.216 | 0.995 | 0.016 | 0.008 | - | - | Si | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|---|
| 2 | 1.752 | 2.548 | 0.507 | 1.000 | 0.094 | 0.779 | 0.010 | 0.008 | - | - | SI | - | - | - | - | - |
| 2 | 2.548 | 3.345 | 0.800 | 1.970 | 0.292 | 0.996 | 0.019 | 0.008 | - | - | SI | - | - | - | - | - |
| 2 | 3.345 | 4.300 | 0.631 | 1.918 | 0.466 | 0.997 | 0.018 | 0.004 | - | - | SI | - | - | - | - | - |
| 3 | 0.000 | 0.955 | 0.671 | 1.847 | 0.394 | 0.996 | 0.026 | 0.006 | - | - | SI | - | - | - | - | - |
| 3 | 0.955 | 1.812 | 0.934 | 1.728 | 0.240 | 0.994 | 0.024 | 0.010 | - | - | SI | - | - | - | - | - |
| 3 | 1.812 | 2.668 | 0.535 | 1.000 | 0.107 | 0.887 | 0.015 | 0.011 | - | - | SI | - | - | - | - | - |
| 3 | 2.668 | 3.525 | 0.997 | 1.887 | 0.272 | 0.994 | 0.027 | 0.011 | - | - | SI | - | - | - | - | - |
| 3 | 3.525 | 4.480 | 0.904 | 2.384 | 0.596 | 0.996 | 0.034 | 0.006 | - | - | SI | - | - | - | - | - |
| 4 | 0.000 | 0.954 | 0.580 | 1.696 | 0.348 | 0.998 | 0.012 | 0.005 | - | - | SI | - | - | - | - | - |
| 4 | 0.954 | 1.516 | 0.374 | 1.000 | 0.092 | 0.751 | 0.007 | 0.005 | - | - | SI | - | - | - | - | - |
| 4 | 1.516 | 2.470 | 0.484 | 1.610 | 0.217 | 0.998 | 0.012 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 0.000 | 0.955 | 0.478 | 1.587 | 0.179 | 0.996 | 0.010 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 0.955 | 2.098 | 0.723 | 1.000 | 0.094 | 0.921 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 2.098 | 3.242 | 0.558 | 1.000 | 0.042 | 0.410 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 3.242 | 4.385 | 0.648 | 1.082 | 0.110 | 0.994 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 4.385 | 5.340 | 0.474 | 1.742 | 0.205 | 0.996 | 0.011 | 0.005 | - | - | SI | - | - | - | - | - |
| 6 | 0.000 | 0.955 | 0.318 | 1.195 | 0.147 | 0.988 | 0.023 | 0.016 | - | - | SI | - | - | - | - | - |
| 6 | 0.955 | 1.780 | 0.331 | 1.000 | 0.041 | 0.307 | 0.022 | 0.016 | - | - | SI | - | - | - | - | - |
| 6 | 1.780 | 2.700 | 0.328 | 1.149 | 0.140 | 0.988 | 0.023 | 0.016 | - | - | SI | - | - | - | - | - |
| 7 | 0.000 | 0.920 | 0.485 | 1.147 | 0.137 | 0.998 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 7 | 0.920 | 1.310 | 0.486 | 1.000 | 0.033 | 0.281 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 7 | 1.310 | 2.230 | 0.484 | 1.014 | 0.120 | 0.998 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 8 | 0.000 | 0.920 | 0.512 | 1.000 | 0.100 | 0.830 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 8 | 0.920 | 1.705 | 0.509 | 1.000 | 0.071 | 0.587 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 8 | 1.705 | 2.660 | 0.549 | 1.452 | 0.186 | 0.997 | 0.006 | 0.003 | - | - | SI | - | - | - | - | - |
| 10 | 0.000 | 0.955 | 0.566 | 2.015 | 0.412 | 0.998 | 0.008 | 0.001 | - | - | SI | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.806 | 1.380 | 0.208 | 0.997 | 0.006 | 0.002 | - | - | SI | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.531 | 1.000 | 0.067 | 0.462 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.803 | 1.386 | 0.209 | 0.997 | 0.006 | 0.002 | - | - | SI | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.568 | 2.023 | 0.415 | 0.998 | 0.008 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.373 | 1.550 | 0.244 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.222 | 1.000 | 0.140 | 0.977 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.196 | 1.000 | 0.052 | 0.364 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.248 | 1.000 | 0.138 | 0.967 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.557 | 1.675 | 0.272 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.456 | 1.677 | 0.341 | 0.998 | 0.007 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.775 | 1.226 | 0.179 | 0.997 | 0.005 | 0.002 | - | - | SI | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.486 | 1.000 | 0.059 | 0.408 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.754 | 1.201 | 0.175 | 0.997 | 0.005 | 0.002 | - | - | SI | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.415 | 1.641 | 0.301 | 0.998 | 0.007 | 0.002 | - | - | SI | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.603 | 1.740 | 0.241 | 0.997 | 0.011 | 0.004 | - | - | SI | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.813 | 1.051 | 0.126 | 0.995 | 0.007 | 0.005 | - | - | SI | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.542 | 1.000 | 0.042 | 0.350 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.854 | 1.047 | 0.125 | 0.995 | 0.007 | 0.005 | - | - | SI | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.597 | 1.737 | 0.240 | 0.997 | 0.011 | 0.004 | - | - | SI | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.267 | 1.000 | 0.084 | 0.709 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.130 | 1.000 | 0.002 | 0.018 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.257 | 1.000 | 0.088 | 0.737 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.392 | 1.631 | 0.217 | 0.997 | 0.007 | 0.003 | - | - | SI | - | - | - | - | - |
| 16 | 0.920 | 1.762 | 0.581 | 1.000 | 0.115 | 0.966 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.390 | 1.000 | 0.044 | 0.369 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.564 | 1.041 | 0.123 | 0.996 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.363 | 1.705 | 0.231 | 0.997 | 0.008 | 0.003 | - | - | SI | - | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.519 | 1.000 | 0.082 | 0.870 | 0.012 | 0.012 | - | - | SI | - | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.292 | 1.000 | 0.042 | 0.423 | 0.012 | 0.012 | - | - | SI | - | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.291 | 1.000 | 0.039 | 0.391 | 0.012 | 0.012 | - | - | SI | - | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.658 | 1.473 | 0.227 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.913 | 1.000 | 0.142 | 0.994 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.475 | 1.000 | 0.070 | 0.492 | 0.002 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.889 | 1.484 | 0.229 | 0.999 | 0.003 | 0.001 | - | - | SI | - | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.862 | 2.355 | 0.521 | 0.999 | 0.005 | 0.001 | - | - | SI | - | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.622 | 2.271 | 0.490 | 0.998 | 0.016 | 0.002 | - | - | SI | - | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.826 | 1.386 | 0.209 | 0.997 | 0.010 | 0.003 | - | - | SI | - | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.423 | 1.000 | 0.065 | 0.453 | 0.007 | 0.003 | - | - | SI | - | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.768 | 1.125 | 0.162 | 0.997 | 0.008 | 0.003 | - | - | SI | - | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.672 | 1.621 | 0.260 | 0.997 | 0.011 | 0.002 | - | - | SI | - | - | - | - | - |
| 22 | 0.000 | 1.074 | 0.618 | 2.330 | 0.462 | 0.994 | 0.049 | 0.010 | - | - | SI | - | - | - | - | - |
| 22 | 1.074 | 2.556 | 0.695 | 1.000 | 0.136 | 0.931 | 0.021 | 0.011 | - | - | SI | - | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.678 | 1.350 | 0.204 | 0.991 | 0.028 | 0.011 | - | - | SI | - | - | - | - | - |
| 23 | 0.634 | 0.000 | 0.671 | 2.008 | 0.452 | 0.997 | 0.018 | 0.005 | - | - | SI | - | - | - | - | - |
| 23 | 1.756 | 0.634 | 0.870 | 1.288 | 0.239 | 0.995 | 0.011 | 0.008 | - | - | SI | - | - | - | - | - |
| 23 | 2.390 | 1.756 | 0.867 | 1.032 | 0.186 | 0.994 | 0.009 | 0.008 | - | - | SI | - | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.337 | 1.197 | 0.118 | 0.981 | 0.008 | 0.021 | - | - | SI | - | - | - | - | - |
| 24 | 0.575 | 1.082 | 0.419 | 1.000 | 0.082 | 0.795 | 0.007 | 0.021 | - | - | SI | - | - | - | - | - |
| 24 | 1.082 | 1.588 | 0.261 | 1.191 | 0.117 | 0.981 | 0.008 | 0.021 | - | - | SI | - | - | - | - | - |
| 24 | 1.588 | 2.095 | 0.784 | 2.371 | 0.306 | 0.991 | 0.016 | 0.014 | - | - | SI | - | - | - | - | - |
| 24 | 2.095 | 2.770 | 0.661 | 2.287 | 0.456 | 0.994 | 0.016 | 0.008 | - | - | SI | - | - | - | - | - |
| 26 | 0.000 | 0.584 | 0.243 | 1.000 | 0.066 | 0.417 | 0.000 | 0.004 | - | - | SI | - | - | - | - | - |
| 26 | 0.584 | 1.326 | 0.243 | 1.129 | 0.169 | 0.995 | 0.001 | 0.004 | - | - | SI | - | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.410 | 1.781 | 0.305 | 0.997 | 0.001 | 0.003 | - | - | SI | - | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.392 | 1.642 | 0.264 | 0.998 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.674 | 1.000 | 0.130 | 0.905 | 0.002 | 0.002 | - | - | SI | - | - | - | - | - |

| | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|
| 27 | 1.485 | 2.285 | 0.472 | 1.000 | 0.086 | 0.594 | 0.002 | 0.002 | - | - | SI | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.521 | 1.349 | 0.201 | 0.998 | 0.003 | 0.002 | - | - | SI | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.621 | 2.083 | 0.380 | 0.998 | 0.005 | 0.001 | - | - | SI | - | - | - | - |
| 28 | 0.000 | 1.175 | 0.705 | 2.399 | 0.484 | 0.998 | 0.019 | 0.002 | - | - | SI | - | - | - | - |
| 28 | 1.175 | 2.262 | 0.880 | 1.403 | 0.213 | 0.997 | 0.011 | 0.004 | - | - | SI | - | - | - | - |
| 28 | 2.262 | 3.348 | 0.548 | 1.000 | 0.070 | 0.487 | 0.007 | 0.004 | - | - | SI | - | - | - | - |
| 28 | 3.348 | 4.435 | 0.820 | 1.037 | 0.149 | 0.996 | 0.008 | 0.004 | - | - | SI | - | - | - | - |
| 28 | 4.435 | 5.570 | 0.496 | 1.313 | 0.195 | 0.996 | 0.010 | 0.003 | - | - | SI | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.209 | 1.191 | 0.158 | 0.993 | 0.001 | 0.006 | - | - | SI | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.209 | 1.000 | 0.124 | 0.920 | 0.001 | 0.006 | - | - | SI | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.358 | 2.046 | 0.323 | 0.996 | 0.001 | 0.005 | - | - | SI | - | - | - | - |
| 30 | 0.000 | 1.185 | 0.743 | 1.917 | 0.335 | 0.998 | 0.011 | 0.002 | - | - | SI | - | - | - | - |
| 30 | 1.185 | 2.032 | 0.888 | 1.000 | 0.118 | 0.822 | 0.005 | 0.002 | - | - | SI | - | - | - | - |
| 30 | 2.032 | 2.878 | 0.468 | 1.000 | 0.004 | 0.023 | 0.005 | 0.002 | - | - | SI | - | - | - | - |
| 30 | 2.878 | 3.725 | 0.883 | 1.000 | 0.125 | 0.869 | 0.005 | 0.002 | - | - | SI | - | - | - | - |
| 30 | 3.725 | 4.910 | 0.727 | 1.964 | 0.348 | 0.998 | 0.011 | 0.002 | - | - | SI | - | - | - | - |
| 32 | 0.000 | 0.592 | 0.286 | 1.000 | 0.113 | 0.804 | 0.073 | 0.055 | - | - | SI | - | - | - | - |
| 32 | 0.592 | 0.592 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.592 | 1.000 | 0.261 | 1.000 | 0.079 | 0.536 | 0.073 | 0.055 | - | - | SI | - | - | - | - |
| 33 | 0.000 | 0.302 | 0.231 | 1.000 | 0.062 | 0.615 | 0.073 | 0.066 | - | - | SI | - | - | - | - |
| 33 | 0.302 | 0.302 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.302 | 1.200 | 0.246 | 1.000 | 0.094 | 0.805 | 0.073 | 0.066 | - | - | SI | - | - | - | - |
| 34 | 0.000 | 0.705 | 0.454 | 1.472 | 0.181 | 0.898 | 0.289 | 0.113 | - | - | SI | - | - | - | - |
| 34 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.705 | 1.000 | 0.380 | 1.484 | 0.184 | 0.899 | 0.291 | 0.102 | - | - | SI | - | - | - | - |

Piano 4. Verifiche SL Travi

| N° | Zona | | Stati Limite Ultimi | | | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------------|---------|-----------|---------------------------|------------|---------------|----------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(°) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | arm.X z.Crit. | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Deform. 250f/L | Verif SLE |
| 2 | 0.000 | 0.955 | 0.634 | 1.900 | 0.413 | 0.997 | 0.019 | 0.005 | - | - | SI | - | - | - | - | - |
| 2 | 0.955 | 1.752 | 0.816 | 1.616 | 0.216 | 0.995 | 0.016 | 0.008 | - | - | SI | - | - | - | - | - |
| 2 | 1.752 | 2.548 | 0.507 | 1.000 | 0.094 | 0.779 | 0.010 | 0.008 | - | - | SI | - | - | - | - | - |
| 2 | 2.548 | 3.345 | 0.800 | 1.970 | 0.292 | 0.996 | 0.019 | 0.008 | - | - | SI | - | - | - | - | - |
| 2 | 3.345 | 4.300 | 0.631 | 1.918 | 0.466 | 0.997 | 0.018 | 0.004 | - | - | SI | - | - | - | - | - |
| 3 | 0.000 | 0.955 | 0.671 | 1.847 | 0.394 | 0.996 | 0.026 | 0.006 | - | - | SI | - | - | - | - | - |
| 3 | 0.955 | 1.812 | 0.934 | 1.728 | 0.240 | 0.994 | 0.024 | 0.010 | - | - | SI | - | - | - | - | - |
| 3 | 1.812 | 2.668 | 0.535 | 1.000 | 0.107 | 0.887 | 0.015 | 0.011 | - | - | SI | - | - | - | - | - |
| 3 | 2.668 | 3.525 | 0.997 | 1.887 | 0.272 | 0.994 | 0.027 | 0.011 | - | - | SI | - | - | - | - | - |
| 3 | 3.525 | 4.480 | 0.904 | 2.384 | 0.596 | 0.996 | 0.034 | 0.006 | - | - | SI | - | - | - | - | - |
| 4 | 0.000 | 0.954 | 0.580 | 1.696 | 0.348 | 0.998 | 0.012 | 0.005 | - | - | SI | - | - | - | - | - |
| 4 | 0.954 | 1.516 | 0.374 | 1.000 | 0.092 | 0.751 | 0.007 | 0.005 | - | - | SI | - | - | - | - | - |
| 4 | 1.516 | 2.470 | 0.484 | 1.610 | 0.217 | 0.998 | 0.012 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 0.000 | 0.955 | 0.478 | 1.587 | 0.179 | 0.996 | 0.010 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 0.955 | 2.098 | 0.723 | 1.000 | 0.094 | 0.921 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 2.098 | 3.242 | 0.558 | 1.000 | 0.042 | 0.410 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 3.242 | 4.385 | 0.648 | 1.082 | 0.110 | 0.994 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 5 | 4.385 | 5.340 | 0.474 | 1.742 | 0.205 | 0.996 | 0.011 | 0.005 | - | - | SI | - | - | - | - | - |
| 6 | 0.000 | 0.955 | 0.318 | 1.195 | 0.147 | 0.988 | 0.023 | 0.016 | - | - | SI | - | - | - | - | - |
| 6 | 0.955 | 1.780 | 0.331 | 1.000 | 0.041 | 0.307 | 0.022 | 0.016 | - | - | SI | - | - | - | - | - |
| 6 | 1.780 | 2.700 | 0.328 | 1.149 | 0.140 | 0.988 | 0.023 | 0.016 | - | - | SI | - | - | - | - | - |
| 7 | 0.000 | 0.920 | 0.485 | 1.147 | 0.137 | 0.998 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 7 | 0.920 | 1.310 | 0.486 | 1.000 | 0.033 | 0.281 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 7 | 1.310 | 2.230 | 0.484 | 1.014 | 0.120 | 0.998 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 8 | 0.000 | 0.920 | 0.512 | 1.000 | 0.100 | 0.830 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 8 | 0.920 | 1.705 | 0.509 | 1.000 | 0.071 | 0.587 | 0.004 | 0.003 | - | - | SI | - | - | - | - | - |
| 8 | 1.705 | 2.660 | 0.549 | 1.452 | 0.186 | 0.997 | 0.006 | 0.003 | - | - | SI | - | - | - | - | - |
| 10 | 0.000 | 0.955 | 0.566 | 2.015 | 0.412 | 0.998 | 0.008 | 0.001 | - | - | SI | - | - | - | - | - |
| 10 | 0.955 | 1.922 | 0.806 | 1.380 | 0.208 | 0.997 | 0.006 | 0.002 | - | - | SI | - | - | - | - | - |
| 10 | 1.922 | 2.888 | 0.531 | 1.000 | 0.067 | 0.462 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 10 | 2.888 | 3.855 | 0.803 | 1.386 | 0.209 | 0.997 | 0.006 | 0.002 | - | - | SI | - | - | - | - | - |
| 10 | 3.855 | 4.810 | 0.568 | 2.023 | 0.415 | 0.998 | 0.008 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 0.000 | 0.955 | 0.373 | 1.550 | 0.244 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 0.955 | 1.725 | 0.222 | 1.000 | 0.140 | 0.977 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 1.725 | 2.495 | 0.196 | 1.000 | 0.052 | 0.364 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 2.495 | 3.265 | 0.248 | 1.000 | 0.138 | 0.967 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 11 | 3.265 | 4.220 | 0.557 | 1.675 | 0.272 | 0.999 | 0.001 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 0.000 | 0.955 | 0.456 | 1.677 | 0.341 | 0.998 | 0.007 | 0.001 | - | - | SI | - | - | - | - | - |
| 12 | 0.955 | 2.015 | 0.775 | 1.226 | 0.179 | 0.997 | 0.005 | 0.002 | - | - | SI | - | - | - | - | - |
| 12 | 2.015 | 3.075 | 0.486 | 1.000 | 0.059 | 0.408 | 0.004 | 0.002 | - | - | SI | - | - | - | - | - |
| 12 | 3.075 | 4.135 | 0.754 | 1.201 | 0.175 | 0.997 | 0.005 | 0.002 | - | - | SI | - | - | - | - | - |
| 12 | 4.135 | 5.090 | 0.415 | 1.641 | 0.301 | 0.998 | 0.007 | 0.002 | - | - | SI | - | - | - | - | - |
| 14 | 0.000 | 0.955 | 0.603 | 1.740 | 0.241 | 0.997 | 0.011 | 0.004 | - | - | SI | - | - | - | - | - |
| 14 | 0.955 | 1.853 | 0.813 | 1.051 | 0.126 | 0.995 | 0.007 | 0.005 | - | - | SI | - | - | - | - | - |
| 14 | 1.853 | 2.752 | 0.542 | 1.000 | 0.042 | 0.350 | 0.006 | 0.005 | - | - | SI | - | - | - | - | - |
| 14 | 2.752 | 3.650 | 0.854 | 1.047 | 0.125 | 0.995 | 0.007 | 0.005 | - | - | SI | - | - | - | - | - |
| 14 | 3.650 | 4.570 | 0.597 | 1.737 | 0.240 | 0.997 | 0.011 | 0.004 | - | - | SI | - | - | - | - | - |
| 15 | 0.000 | 0.920 | 0.267 | 1.000 | 0.084 | 0.709 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 0.920 | 1.160 | 0.130 | 1.000 | 0.002 | 0.018 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 15 | 1.160 | 2.080 | 0.257 | 1.000 | 0.088 | 0.737 | 0.000 | 0.000 | - | - | SI | - | - | - | - | - |
| 16 | 0.000 | 0.920 | 0.392 | 1.631 | 0.217 | 0.997 | 0.007 | 0.003 | - | - | SI | - | - | - | - | - |

| | | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|---|----|---|---|---|---|
| 16 | 0.920 | 1.762 | 0.581 | 1.000 | 0.115 | 0.966 | 0.004 | 0.003 | - | - | Si | - | - | - | - |
| 16 | 1.762 | 2.603 | 0.390 | 1.000 | 0.044 | 0.369 | 0.004 | 0.003 | - | - | Si | - | - | - | - |
| 16 | 2.603 | 3.445 | 0.564 | 1.041 | 0.123 | 0.996 | 0.004 | 0.003 | - | - | Si | - | - | - | - |
| 16 | 3.445 | 4.400 | 0.363 | 1.705 | 0.231 | 0.997 | 0.008 | 0.003 | - | - | Si | - | - | - | - |
| 17 | 0.000 | 0.955 | 0.519 | 1.000 | 0.082 | 0.870 | 0.012 | 0.012 | - | - | Si | - | - | - | - |
| 17 | 0.955 | 1.815 | 0.292 | 1.000 | 0.042 | 0.423 | 0.012 | 0.012 | - | - | Si | - | - | - | - |
| 17 | 1.815 | 2.770 | 0.291 | 1.000 | 0.039 | 0.391 | 0.012 | 0.012 | - | - | Si | - | - | - | - |
| 18 | 0.000 | 1.035 | 0.658 | 1.473 | 0.227 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - |
| 18 | 1.035 | 1.903 | 0.913 | 1.000 | 0.142 | 0.994 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 18 | 1.903 | 2.772 | 0.475 | 1.000 | 0.070 | 0.492 | 0.002 | 0.001 | - | - | Si | - | - | - | - |
| 18 | 2.772 | 3.640 | 0.889 | 1.484 | 0.229 | 0.999 | 0.003 | 0.001 | - | - | Si | - | - | - | - |
| 18 | 3.640 | 4.640 | 0.862 | 2.355 | 0.521 | 0.999 | 0.005 | 0.001 | - | - | Si | - | - | - | - |
| 19 | 0.000 | 1.000 | 0.622 | 2.271 | 0.490 | 0.998 | 0.016 | 0.002 | - | - | Si | - | - | - | - |
| 19 | 1.000 | 1.867 | 0.826 | 1.386 | 0.209 | 0.997 | 0.010 | 0.003 | - | - | Si | - | - | - | - |
| 19 | 1.867 | 2.733 | 0.423 | 1.000 | 0.065 | 0.453 | 0.007 | 0.003 | - | - | Si | - | - | - | - |
| 19 | 2.733 | 3.600 | 0.768 | 1.125 | 0.162 | 0.997 | 0.008 | 0.003 | - | - | Si | - | - | - | - |
| 19 | 3.600 | 4.700 | 0.672 | 1.621 | 0.260 | 0.997 | 0.011 | 0.002 | - | - | Si | - | - | - | - |
| 22 | 0.000 | 1.074 | 0.618 | 2.330 | 0.462 | 0.994 | 0.049 | 0.010 | - | - | Si | - | - | - | - |
| 22 | 1.074 | 2.556 | 0.695 | 1.000 | 0.136 | 0.931 | 0.021 | 0.011 | - | - | Si | - | - | - | - |
| 22 | 2.556 | 3.590 | 0.678 | 1.350 | 0.204 | 0.991 | 0.028 | 0.011 | - | - | Si | - | - | - | - |
| 23 | 0.634 | 0.000 | 0.671 | 2.008 | 0.452 | 0.997 | 0.018 | 0.005 | - | - | Si | - | - | - | - |
| 23 | 1.756 | 0.634 | 0.870 | 1.288 | 0.239 | 0.995 | 0.011 | 0.008 | - | - | Si | - | - | - | - |
| 23 | 2.390 | 1.756 | 0.867 | 1.032 | 0.186 | 0.994 | 0.009 | 0.008 | - | - | Si | - | - | - | - |
| 24 | 0.000 | 0.575 | 0.337 | 1.197 | 0.118 | 0.981 | 0.008 | 0.021 | - | - | Si | - | - | - | - |
| 24 | 0.575 | 1.082 | 0.419 | 1.000 | 0.082 | 0.795 | 0.007 | 0.021 | - | - | Si | - | - | - | - |
| 24 | 1.082 | 1.588 | 0.261 | 1.191 | 0.117 | 0.981 | 0.008 | 0.021 | - | - | Si | - | - | - | - |
| 24 | 1.588 | 2.095 | 0.784 | 2.371 | 0.306 | 0.991 | 0.016 | 0.014 | - | - | Si | - | - | - | - |
| 24 | 2.095 | 2.770 | 0.661 | 2.287 | 0.456 | 0.994 | 0.016 | 0.008 | - | - | Si | - | - | - | - |
| 26 | 0.000 | 0.584 | 0.243 | 1.000 | 0.066 | 0.417 | 0.000 | 0.004 | - | - | Si | - | - | - | - |
| 26 | 0.584 | 1.326 | 0.243 | 1.129 | 0.169 | 0.995 | 0.001 | 0.004 | - | - | Si | - | - | - | - |
| 26 | 1.326 | 1.910 | 0.410 | 1.781 | 0.305 | 0.997 | 0.001 | 0.003 | - | - | Si | - | - | - | - |
| 27 | 0.000 | 0.685 | 0.392 | 1.642 | 0.264 | 0.998 | 0.004 | 0.002 | - | - | Si | - | - | - | - |
| 27 | 0.685 | 1.485 | 0.674 | 1.000 | 0.130 | 0.905 | 0.002 | 0.002 | - | - | Si | - | - | - | - |
| 27 | 1.485 | 2.285 | 0.472 | 1.000 | 0.086 | 0.594 | 0.002 | 0.002 | - | - | Si | - | - | - | - |
| 27 | 2.285 | 3.085 | 0.521 | 1.349 | 0.201 | 0.998 | 0.003 | 0.002 | - | - | Si | - | - | - | - |
| 27 | 3.085 | 3.770 | 0.621 | 2.083 | 0.380 | 0.998 | 0.005 | 0.001 | - | - | Si | - | - | - | - |
| 28 | 0.000 | 1.175 | 0.705 | 2.399 | 0.484 | 0.998 | 0.019 | 0.002 | - | - | Si | - | - | - | - |
| 28 | 1.175 | 2.262 | 0.880 | 1.403 | 0.213 | 0.997 | 0.011 | 0.004 | - | - | Si | - | - | - | - |
| 28 | 2.262 | 3.348 | 0.548 | 1.000 | 0.070 | 0.487 | 0.007 | 0.004 | - | - | Si | - | - | - | - |
| 28 | 3.348 | 4.435 | 0.820 | 1.037 | 0.149 | 0.996 | 0.008 | 0.004 | - | - | Si | - | - | - | - |
| 28 | 4.435 | 5.570 | 0.496 | 1.313 | 0.195 | 0.996 | 0.010 | 0.003 | - | - | Si | - | - | - | - |
| 29 | 0.000 | 0.550 | 0.209 | 1.191 | 0.158 | 0.993 | 0.001 | 0.006 | - | - | Si | - | - | - | - |
| 29 | 0.550 | 1.225 | 0.209 | 1.000 | 0.124 | 0.920 | 0.001 | 0.006 | - | - | Si | - | - | - | - |
| 29 | 1.225 | 1.710 | 0.358 | 2.046 | 0.323 | 0.996 | 0.001 | 0.005 | - | - | Si | - | - | - | - |
| 30 | 0.000 | 1.185 | 0.743 | 1.917 | 0.335 | 0.998 | 0.011 | 0.002 | - | - | Si | - | - | - | - |
| 30 | 1.185 | 2.032 | 0.888 | 1.000 | 0.118 | 0.822 | 0.005 | 0.002 | - | - | Si | - | - | - | - |
| 30 | 2.032 | 2.878 | 0.468 | 1.000 | 0.004 | 0.023 | 0.005 | 0.002 | - | - | Si | - | - | - | - |
| 30 | 2.878 | 3.725 | 0.883 | 1.000 | 0.125 | 0.869 | 0.005 | 0.002 | - | - | Si | - | - | - | - |
| 30 | 3.725 | 4.910 | 0.727 | 1.964 | 0.348 | 0.998 | 0.011 | 0.002 | - | - | Si | - | - | - | - |
| 32 | 0.000 | 0.592 | 0.286 | 1.000 | 0.113 | 0.804 | 0.073 | 0.055 | - | - | Si | - | - | - | - |
| 32 | 0.592 | 0.592 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 0.592 | 1.000 | 0.261 | 1.000 | 0.079 | 0.536 | 0.073 | 0.055 | - | - | Si | - | - | - | - |
| 33 | 0.000 | 0.302 | 0.231 | 1.000 | 0.062 | 0.615 | 0.073 | 0.066 | - | - | Si | - | - | - | - |
| 33 | 0.302 | 0.302 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 33 | 0.302 | 1.200 | 0.246 | 1.000 | 0.094 | 0.805 | 0.073 | 0.066 | - | - | Si | - | - | - | - |
| 34 | 0.000 | 0.705 | 0.454 | 1.472 | 0.181 | 0.898 | 0.289 | 0.113 | - | - | Si | - | - | - | - |
| 34 | 0.705 | 0.705 | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 0.705 | 1.000 | 0.380 | 1.484 | 0.184 | 0.899 | 0.291 | 0.102 | - | - | Si | - | - | - | - |

Piano 4. Verifiche SL Pilastri

| N° | Zona | | Stati Limite Ultimi | | | | | | | Stati Limite di Esercizio | | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------|---------------------------|---------------|------------|---------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasv. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 1 | 0.000 | 1.242 | 0.553 | 1.000 | 0.053 | 0.680 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 1.242 | 3.128 | 0.411 | 1.000 | 0.053 | 0.680 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 1 | 3.128 | 3.600 | 0.383 | 1.000 | 0.053 | 0.680 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 0.000 | 1.242 | 0.225 | 1.000 | 0.018 | 0.182 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 1.242 | 3.128 | 0.173 | 1.000 | 0.018 | 0.182 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 2 | 3.128 | 3.600 | 0.163 | 1.000 | 0.018 | 0.182 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 0.000 | 1.242 | 0.319 | 1.000 | 0.029 | 0.261 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 1.242 | 3.128 | 0.229 | 1.000 | 0.029 | 0.261 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 3 | 3.128 | 3.600 | 0.259 | 1.000 | 0.029 | 0.261 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 4 | 0.000 | 1.242 | 0.190 | 1.000 | 0.008 | 0.120 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 4 | 1.242 | 3.128 | 0.128 | 1.000 | 0.014 | 0.166 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 4 | 3.128 | 3.600 | 0.185 | 1.000 | 0.029 | 0.286 | 0.008 | 0.027 | - | Si | - | - | - | - |
| 5 | 0.000 | 1.242 | 0.139 | 1.000 | 0.001 | 0.017 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 1.242 | 3.128 | 0.019 | 1.000 | 0.001 | 0.018 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 5 | 3.128 | 3.600 | 0.024 | 1.000 | 0.007 | 0.074 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 6 | 0.000 | 1.242 | 0.274 | 1.000 | 0.008 | 0.105 | 0.000 | 0.001 | - | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 6 | 1.242 | 3.128 | 0.131 | 1.000 | 0.031 | 0.406 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 6 | 3.128 | 3.600 | 0.365 | 1.606 | 0.121 | 0.994 | 0.004 | 0.006 | - | Si | - | - | - | - |
| 7 | 0.000 | 1.400 | 0.266 | 1.000 | 0.045 | 0.633 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 1.400 | 3.150 | 0.194 | 1.000 | 0.045 | 0.633 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 7 | 3.150 | 3.600 | 0.202 | 1.000 | 0.045 | 0.633 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 0.000 | 1.242 | 0.390 | 1.000 | 0.060 | 0.750 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 1.242 | 3.128 | 0.294 | 1.000 | 0.060 | 0.750 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 8 | 3.128 | 3.600 | 0.266 | 1.000 | 0.060 | 0.750 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 0.000 | 1.242 | 0.535 | 1.000 | 0.063 | 0.749 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 1.242 | 3.128 | 0.394 | 1.000 | 0.063 | 0.749 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 9 | 3.128 | 3.600 | 0.395 | 1.000 | 0.062 | 0.749 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 0.000 | 1.308 | 0.148 | 1.000 | 0.001 | 0.021 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 10 | 1.308 | 3.142 | 0.048 | 1.000 | 0.015 | 0.186 | 0.001 | 0.003 | - | Si | - | - | - | - |
| 10 | 3.142 | 3.600 | 0.125 | 1.000 | 0.044 | 0.579 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 11 | 0.000 | 1.308 | 0.122 | 1.000 | 0.002 | 0.025 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 1.308 | 3.142 | 0.063 | 1.000 | 0.017 | 0.227 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 11 | 3.142 | 3.600 | 0.174 | 1.000 | 0.060 | 0.785 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 12 | 0.000 | 1.242 | 0.236 | 1.000 | 0.006 | 0.088 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 12 | 1.242 | 3.128 | 0.136 | 1.000 | 0.014 | 0.175 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 12 | 3.128 | 3.600 | 0.201 | 1.000 | 0.027 | 0.254 | 0.008 | 0.028 | - | Si | - | - | - | - |
| 13 | 0.000 | 1.450 | 0.485 | 1.051 | 0.075 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 1.450 | 3.150 | 0.345 | 1.051 | 0.075 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 3.150 | 3.600 | 0.413 | 1.051 | 0.075 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 0.000 | 1.450 | 0.461 | 1.392 | 0.107 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 1.450 | 3.150 | 0.340 | 1.392 | 0.107 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 3.150 | 3.600 | 0.370 | 1.392 | 0.107 | 0.999 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 0.000 | 1.308 | 0.215 | 1.000 | 0.013 | 0.176 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 15 | 1.308 | 3.142 | 0.129 | 1.000 | 0.042 | 0.562 | 0.000 | 0.002 | - | Si | - | - | - | - |
| 15 | 3.142 | 3.600 | 0.232 | 1.515 | 0.111 | 0.993 | 0.002 | 0.006 | - | Si | - | - | - | - |
| 16 | 0.000 | 1.242 | 0.240 | 1.000 | 0.034 | 0.429 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 1.242 | 3.128 | 0.180 | 1.000 | 0.034 | 0.429 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 3.128 | 3.600 | 0.153 | 1.000 | 0.033 | 0.429 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 0.000 | 1.242 | 0.335 | 1.000 | 0.032 | 0.431 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 1.242 | 3.128 | 0.237 | 1.000 | 0.032 | 0.431 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 3.128 | 3.600 | 0.305 | 1.000 | 0.032 | 0.431 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 0.000 | 1.017 | 0.070 | 1.000 | 0.005 | 0.049 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 1.017 | 3.083 | 0.056 | 1.000 | 0.005 | 0.049 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 18 | 3.083 | 3.600 | 0.049 | 1.000 | 0.005 | 0.049 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 0.000 | 1.350 | 0.577 | 1.000 | 0.092 | 0.637 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 1.350 | 3.100 | 0.411 | 1.000 | 0.092 | 0.637 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 3.100 | 3.600 | 0.480 | 1.000 | 0.092 | 0.637 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 0.000 | 1.350 | 0.090 | 1.000 | 0.005 | 0.115 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 1.350 | 3.100 | 0.093 | 1.000 | 0.005 | 0.115 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 3.100 | 3.600 | 0.094 | 1.000 | 0.005 | 0.115 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 0.000 | 1.308 | 0.397 | 1.000 | 0.063 | 0.976 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 1.308 | 3.142 | 0.290 | 1.000 | 0.063 | 0.976 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 3.142 | 3.600 | 0.338 | 1.000 | 0.063 | 0.976 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 0.000 | 1.242 | 0.276 | 1.000 | 0.032 | 0.427 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 1.242 | 3.128 | 0.205 | 1.000 | 0.032 | 0.427 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 3.128 | 3.600 | 0.204 | 1.000 | 0.032 | 0.427 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 23 | 0.000 | 0.450 | 0.125 | 1.000 | 0.029 | 0.319 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 23 | 0.450 | 1.350 | 0.310 | 1.000 | 0.029 | 0.319 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 23 | 1.350 | 1.800 | 0.371 | 1.000 | 0.029 | 0.319 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 24 | 0.000 | 1.285 | 0.859 | 1.000 | 0.075 | 0.981 | 0.004 | 0.009 | - | Si | - | - | - | - |
| 24 | 1.285 | 1.285 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 24 | 1.285 | 1.800 | 0.658 | 1.000 | 0.075 | 0.981 | 0.004 | 0.009 | - | Si | - | - | - | - |
| 25 | 0.000 | 1.242 | 0.277 | 1.000 | 0.026 | 0.231 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 1.242 | 3.128 | 0.203 | 1.000 | 0.026 | 0.231 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 25 | 3.128 | 3.600 | 0.217 | 1.000 | 0.026 | 0.231 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 0.000 | 1.242 | 0.309 | 1.000 | 0.030 | 0.266 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 1.242 | 3.128 | 0.223 | 1.000 | 0.030 | 0.266 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 26 | 3.128 | 3.600 | 0.256 | 1.000 | 0.030 | 0.266 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 27 | 0.000 | 1.242 | 0.244 | 1.000 | 0.014 | 0.200 | 0.001 | 0.004 | - | Si | - | - | - | - |
| 27 | 1.242 | 3.128 | 0.159 | 1.000 | 0.035 | 0.386 | 0.002 | 0.009 | - | Si | - | - | - | - |
| 27 | 3.128 | 3.600 | 0.281 | 1.218 | 0.093 | 0.957 | 0.014 | 0.045 | - | Si | - | - | - | - |
| 28 | 0.000 | 0.450 | 0.081 | 1.000 | 0.018 | 0.108 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 28 | 0.450 | 1.350 | 0.208 | 1.000 | 0.018 | 0.108 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 28 | 1.350 | 1.800 | 0.254 | 1.000 | 0.018 | 0.108 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 0.000 | 0.450 | 0.035 | 1.000 | 0.008 | 0.044 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 0.450 | 1.350 | 0.089 | 1.000 | 0.008 | 0.044 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 29 | 1.350 | 1.800 | 0.107 | 1.000 | 0.008 | 0.044 | 0.001 | 0.001 | - | Si | - | - | - | - |
| 30 | 0.000 | 1.242 | 0.126 | 1.000 | 0.001 | 0.013 | 0.001 | 0.002 | - | Si | - | - | - | - |
| 30 | 1.242 | 3.128 | 0.020 | 1.000 | 0.002 | 0.030 | 0.001 | 0.003 | - | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|---|----|---|---|---|---|
| 30 | 3.128 | 3.600 | 0.023 | 1.000 | 0.002 | 0.030 | 0.000 | 0.001 | - | Si | - | - | - | - |
| 31 | 0.000 | 1.242 | 0.244 | 1.000 | 0.014 | 0.210 | 0.001 | 0.005 | - | Si | - | - | - | - |
| 31 | 1.242 | 3.128 | 0.255 | 1.000 | 0.024 | 0.299 | 0.002 | 0.009 | - | Si | - | - | - | - |
| 31 | 3.128 | 3.600 | 0.361 | 1.000 | 0.046 | 0.420 | 0.018 | 0.064 | - | Si | - | - | - | - |

Piano 9. Verifiche SL Pilastrati

| N° | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|----|-----------|-----------|---------------------|--------|--------------------|---------------|-------------|--------------|---------|-----------|---------------------------|------------|---------------|-----------|
| | x ini [m] | x Fin [m] | N-My-Mz | ctg(θ) | calcestr. Vy-Vz-Mt | acciaio Vy-Vz | As Long. Mt | As Trasn. Mt | Ned Max | Verif SLU | Tens. N-My-Mz | Fess. w/wa | Fess. N-My-Mz | Verif SLE |
| 10 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 10 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 12 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 12 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 12 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 13 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 0.450 | 1.950 | 0.005 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 14 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 0.450 | 1.950 | 0.005 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 15 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 16 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 17 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 0.000 | 0.500 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 0.500 | 1.900 | 0.005 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 19 | 1.900 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 0.000 | 0.500 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 0.500 | 1.900 | 0.005 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 20 | 1.900 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 21 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 0.000 | 0.450 | 0.001 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 0.450 | 1.950 | 0.004 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |
| 22 | 1.950 | 2.400 | 0.006 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | Si | - | - | - | - |

Legenda tabella verifiche Stati Limite Ultimi e di esercizio shell

- **Zona:** Nel riportare i risultati delle verifiche effettuate si è diviso la piastra in zone. Per ogni zona e per ogni tipo di verifica sono riportati i coefficienti di verifica normalizzati ad 1. Per ogni zona, tranne che per la centrale, è indicato il filo ed il nodo più vicino.
- **Stati Limite Ultimi:** Verifiche agli Stati Limite Ultimi
- **Fe:** Coefficiente di verifica dell'armatura calcolato come indicato nel §5.6.1 della presente relazione.
- **Cls:** Coefficiente di verifica a pressoflessione del calcestruzzo per le 4 direzioni principali di compressione.
- **Punt.Cls.:** Coefficiente di verifica dei puntoni di calcestruzzo calcolato come indicato nelle formule (F.4) e (LL.137-142) EC2-2-2006
- **Arm punz:** Coefficiente di verifica a punzonamento per piastre dotate di specifica armatura a taglio.
- **V/Vrdc:** Coefficiente di verifica a punzonamento per piastre non dotate di specifica armatura a taglio.
- **V/VrdMax:** Coefficiente di verifica ottenuto applicando la (6.53 EC2-2005).
- **Tot.Punz.:** Coefficiente di verifica totale taglio-punzonamento.
- **Verif SLU:** Coefficiente totale di verifica Stati Limite Ultimi.
- **Stati Limite di Esercizio:** Verifiche agli Stati Limite di Esercizio.
- **Fessurazione:** Coefficiente di verifica stato limite di fessurazione.
- **Tens.Fe:** Coefficiente di verifica stato limite tensione di esercizio dell'armatura.
- **Tens.Cls:** Coefficiente di verifica stato limite tensione di esercizio del calcestruzzo.
- **Verif SLE:** Coefficiente totale di verifica Stati Limite di Esercizio.

Piano 1 .Verifiche SL shell pareti

| N° | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|----|------|-------|---------------------|-------|------------|--------|-----------|----------|-----------|------------|---------------------------|----------|-----------|------------|
| | Filo | Piano | Fe | Cls | Punt. Cls. | V/Vrdc | Arm Punz. | V/VrdMax | Tot punz. | Verif. SLU | Fess. | Tens. Fe | Tens. Cls | Verif. SLE |
| 1 | 14 | 1 | 0.147 | 0.170 | - | 0.265 | - | 0.058 | 0.265 | Si | - | - | - | - |
| 1 | 37 | 1 | 0.122 | 0.040 | - | 0.104 | - | 0.029 | 0.104 | Si | - | - | - | - |
| 1 | 37 | 0 | 0.159 | 0.080 | - | 0.069 | - | 0.018 | 0.069 | Si | - | - | - | - |
| 1 | 14 | 0 | 0.127 | 0.106 | - | 0.063 | - | 0.018 | 0.063 | Si | - | - | - | - |
| 1 | - | - | 0.150 | 0.140 | - | 0.106 | - | 0.020 | 0.106 | Si | - | - | - | - |
| 2 | 5 | 1 | 0.464 | 0.214 | - | 0.560 | 0.000 | 0.140 | 0.274 | Si | - | - | - | - |
| 2 | 12 | 1 | 0.462 | 0.195 | - | 1.33 | 0.238 | 0.250 | 0.250 | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|----|----|---|-------|-------|---|-------|-------|-------|-------|----|---|---|---|---|
| 2 | 12 | 0 | 0.574 | 0.127 | - | 0.023 | - | 0.005 | 0.023 | Si | - | - | - | - |
| 2 | 5 | 0 | 0.478 | 0.132 | - | 0.224 | 0.000 | 0.045 | 0.054 | Si | - | - | - | - |
| 2 | - | - | 0.633 | 0.110 | - | 0.035 | - | 0.006 | 0.035 | Si | - | - | - | - |
| 3 | 5 | 1 | 0.357 | 0.202 | - | 0.600 | 0.000 | 0.109 | 0.109 | Si | - | - | - | - |
| 3 | 6 | 1 | 0.437 | 0.168 | - | 0.322 | - | 0.045 | 0.322 | Si | - | - | - | - |
| 3 | 6 | 0 | 0.597 | 0.192 | - | 0.018 | - | 0.003 | 0.018 | Si | - | - | - | - |
| 3 | 5 | 0 | 0.329 | 0.182 | - | 0.417 | - | 0.097 | 0.417 | Si | - | - | - | - |
| 3 | - | - | 0.487 | 0.173 | - | 0.184 | - | 0.033 | 0.184 | Si | - | - | - | - |
| 4 | 31 | 1 | 0.358 | 0.147 | - | 2.38 | 0.576 | 0.354 | 0.576 | Si | - | - | - | - |
| 4 | 30 | 1 | 0.413 | 0.268 | - | 1.11 | 0.163 | 0.257 | 0.291 | Si | - | - | - | - |
| 4 | 30 | 0 | 0.403 | 0.174 | - | 0.230 | - | 0.048 | 0.230 | Si | - | - | - | - |
| 4 | 31 | 0 | 0.512 | 0.165 | - | 0.056 | - | 0.012 | 0.056 | Si | - | - | - | - |
| 4 | - | - | 0.386 | 0.144 | - | 0.063 | - | 0.009 | 0.063 | Si | - | - | - | - |
| 5 | 10 | 1 | 0.511 | 0.425 | - | 1.93 | 0.520 | 0.401 | 0.520 | Si | - | - | - | - |
| 5 | 11 | 1 | 0.663 | 0.200 | - | 0.892 | - | 0.179 | 0.892 | Si | - | - | - | - |
| 5 | 11 | 0 | 0.866 | 0.282 | - | 0.984 | - | 0.170 | 0.984 | Si | - | - | - | - |
| 5 | 10 | 0 | 0.585 | 0.167 | - | 0.180 | - | 0.038 | 0.180 | Si | - | - | - | - |
| 5 | - | - | 0.728 | 0.205 | - | 0.054 | - | 0.009 | 0.054 | Si | - | - | - | - |
| 7 | 4 | 1 | 0.645 | 0.185 | - | 0.602 | - | 0.110 | 0.602 | Si | - | - | - | - |
| 7 | 11 | 1 | 0.671 | 0.195 | - | 0.652 | - | 0.133 | 0.652 | Si | - | - | - | - |
| 7 | 11 | 0 | 0.880 | 0.239 | - | 0.769 | - | 0.133 | 0.769 | Si | - | - | - | - |
| 7 | 4 | 0 | 0.883 | 0.225 | - | 0.042 | - | 0.008 | 0.042 | Si | - | - | - | - |
| 7 | - | - | 0.695 | 0.199 | - | 0.081 | - | 0.019 | 0.081 | Si | - | - | - | - |
| 8 | 15 | 1 | 0.470 | 0.163 | - | 0.279 | 0.000 | 0.062 | 0.147 | Si | - | - | - | - |
| 8 | 36 | 1 | 0.410 | 0.154 | - | 0.490 | 0.000 | 0.113 | 0.135 | Si | - | - | - | - |
| 8 | 36 | 0 | 0.493 | 0.144 | - | 0.252 | - | 0.057 | 0.252 | Si | - | - | - | - |
| 8 | 15 | 0 | 0.688 | 0.190 | - | 0.189 | - | 0.037 | 0.189 | Si | - | - | - | - |
| 8 | - | - | 0.545 | 0.166 | - | 0.335 | 0.000 | 0.076 | 0.130 | Si | - | - | - | - |
| 9 | 30 | 1 | 0.333 | 0.202 | - | 0.644 | - | 0.157 | 0.644 | Si | - | - | - | - |
| 9 | 27 | 1 | 0.436 | 0.344 | - | 2.06 | 0.480 | 0.323 | 0.480 | Si | - | - | - | - |
| 9 | 27 | 0 | 0.615 | 0.187 | - | 0.060 | - | 0.013 | 0.060 | Si | - | - | - | - |
| 9 | 30 | 0 | 0.387 | 0.140 | - | 0.336 | - | 0.077 | 0.336 | Si | - | - | - | - |
| 9 | - | - | 0.499 | 0.165 | - | 0.558 | 0.000 | 0.083 | 0.245 | Si | - | - | - | - |
| 10 | 36 | 1 | 0.619 | 0.147 | - | 1.07 | 0.078 | 0.177 | 0.463 | Si | - | - | - | - |
| 10 | 10 | 1 | 0.685 | 0.162 | - | 1.05 | 0.045 | 0.225 | 0.316 | Si | - | - | - | - |
| 10 | 10 | 0 | 0.687 | 0.183 | - | 0.951 | - | 0.182 | 0.951 | Si | - | - | - | - |
| 10 | 36 | 0 | 0.598 | 0.133 | - | 0.238 | - | 0.055 | 0.238 | Si | - | - | - | - |
| 10 | - | - | 0.791 | 0.151 | - | 0.293 | - | 0.042 | 0.293 | Si | - | - | - | - |
| 11 | 36 | 1 | 0.823 | 0.155 | - | 0.268 | - | 0.046 | 0.268 | Si | - | - | - | - |
| 11 | 37 | 1 | 0.471 | 0.086 | - | 0.458 | - | 0.071 | 0.458 | Si | - | - | - | - |
| 11 | 37 | 0 | 0.324 | 0.071 | - | 0.109 | - | 0.016 | 0.109 | Si | - | - | - | - |
| 11 | 36 | 0 | 0.420 | 0.131 | - | 0.066 | - | 0.011 | 0.066 | Si | - | - | - | - |
| 11 | - | - | 0.480 | 0.141 | - | 0.094 | - | 0.014 | 0.094 | Si | - | - | - | - |

Piano 2 .Verifiche SL shell pareti

| N° | Zona | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|----|------|-------|---------------------|-------|--------------|--------|--------------|----------|--------------|---------------|---------------------------|-------------|--------------|---------------|
| | Filo | Piano | Fe | Cls | Punt Cls. | V/Vrdc | Arm Punz. | V/VrdMax | Tot punz. | Verif. SLU | Fess. | Tens. Fe | Tens. Cls | Verif. SLE |
| 1 | 10 | 2 | 0.454 | 0.216 | - | 1.02 | 0.139 | 0.254 | 0.254 | Si | - | - | - | - |
| 1 | 36 | 2 | 0.583 | 0.109 | - | 0.362 | 0.000 | 0.063 | 0.217 | Si | - | - | - | - |
| 1 | 36 | 1 | 0.759 | 0.174 | - | 0.924 | 0.016 | 0.186 | 0.513 | Si | - | - | - | - |
| 1 | 10 | 1 | 0.702 | 0.477 | - | 0.785 | 0.000 | 0.180 | 0.208 | Si | - | - | - | - |
| 1 | - | - | 0.908 | 0.193 | - | 0.166 | 0.000 | 0.038 | 0.166 | Si | - | - | - | - |
| 2 | 5 | 2 | 0.641 | 0.204 | - | 1.15 | 0.167 | 0.250 | 0.250 | Si | - | - | - | - |
| 2 | 12 | 2 | 0.400 | 0.058 | - | 0.549 | - | 0.082 | 0.549 | Si | - | - | - | - |
| 2 | 12 | 1 | 0.535 | 0.260 | - | 0.774 | 0.000 | 0.133 | 0.133 | Si | - | - | - | - |
| 2 | 5 | 1 | 0.657 | 0.224 | - | 0.622 | 0.000 | 0.150 | 0.199 | Si | - | - | - | - |
| 2 | - | - | 0.799 | 0.097 | - | 0.061 | - | 0.010 | 0.061 | Si | - | - | - | - |
| 3 | 5 | 2 | 0.571 | 0.205 | - | 0.990 | - | 0.175 | 0.990 | Si | - | - | - | - |
| 3 | 6 | 2 | 0.383 | 0.108 | - | 0.811 | - | 0.124 | 0.811 | Si | - | - | - | - |
| 3 | 6 | 1 | 0.485 | 0.138 | - | 0.332 | - | 0.047 | 0.332 | Si | - | - | - | - |
| 3 | 5 | 1 | 0.523 | 0.367 | - | 0.511 | 0.000 | 0.114 | 0.116 | Si | - | - | - | - |
| 3 | - | - | 0.411 | 0.132 | - | 0.282 | - | 0.050 | 0.282 | Si | - | - | - | - |
| 4 | 31 | 2 | 0.471 | 0.134 | - | 2.92 | 0.761 | 0.432 | 0.761 | Si | - | - | - | - |
| 4 | 30 | 2 | 0.504 | 0.208 | - | 1.64 | 0.463 | 0.383 | 0.463 | Si | - | - | - | - |
| 4 | 30 | 1 | 0.557 | 0.245 | - | 0.951 | 0.076 | 0.215 | 0.215 | Si | - | - | - | - |
| 4 | 31 | 1 | 0.491 | 0.115 | - | 2.37 | 0.575 | 0.354 | 0.575 | Si | - | - | - | - |
| 4 | - | - | 0.535 | 0.096 | - | 0.073 | - | 0.013 | 0.073 | Si | - | - | - | - |
| 5 | 10 | 2 | 0.732 | 0.418 | - | 2.11 | 0.606 | 0.439 | 0.606 | Si | - | - | - | - |
| 5 | 11 | 2 | 0.533 | 0.284 | - | 0.677 | - | 0.105 | 0.677 | Si | - | - | - | - |
| 5 | 11 | 1 | 0.800 | 0.186 | - | 0.563 | - | 0.086 | 0.563 | Si | - | - | - | - |
| 5 | 10 | 1 | 0.707 | 0.483 | - | 1.98 | 0.509 | 0.394 | 0.509 | Si | - | - | - | - |
| 5 | - | - | 0.629 | 0.145 | - | 0.094 | - | 0.020 | 0.094 | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|---|----|---|-------|-------|---|-------|-------|-------|-------|----|---|---|---|---|
| 6 | 36 | 2 | 0.398 | 0.109 | - | 0.046 | 0.000 | 0.007 | 0.034 | Si | - | - | - | - |
| 6 | 15 | 2 | 0.273 | 0.116 | - | 0.055 | 0.000 | 0.012 | 0.053 | Si | - | - | - | - |
| 6 | 15 | 1 | 0.657 | 0.185 | - | 0.087 | 0.000 | 0.016 | 0.087 | Si | - | - | - | - |
| 6 | 36 | 1 | 0.579 | 0.173 | - | 0.058 | 0.000 | 0.013 | 0.045 | Si | - | - | - | - |
| 6 | - | - | 0.564 | 0.170 | - | 0.066 | 0.000 | 0.012 | 0.066 | Si | - | - | - | - |
| 7 | 4 | 2 | 0.318 | 0.214 | - | 0.657 | - | 0.124 | 0.657 | Si | - | - | - | - |
| 7 | 11 | 2 | 0.383 | 0.123 | - | 0.351 | - | 0.069 | 0.351 | Si | - | - | - | - |
| 7 | 11 | 1 | 0.778 | 0.186 | - | 0.530 | - | 0.104 | 0.530 | Si | - | - | - | - |
| 7 | 4 | 1 | 0.664 | 0.160 | - | 0.685 | - | 0.107 | 0.685 | Si | - | - | - | - |
| 7 | - | - | 0.713 | 0.197 | - | 0.071 | - | 0.015 | 0.071 | Si | - | - | - | - |
| 9 | 30 | 2 | 0.568 | 0.189 | - | 0.535 | - | 0.103 | 0.535 | Si | - | - | - | - |
| 9 | 27 | 2 | 0.344 | 0.180 | - | 2.28 | 0.566 | 0.359 | 0.566 | Si | - | - | - | - |
| 9 | 27 | 1 | 0.519 | 0.121 | - | 2.15 | 0.458 | 0.308 | 0.458 | Si | - | - | - | - |
| 9 | 30 | 1 | 0.474 | 0.094 | - | 0.321 | - | 0.055 | 0.321 | Si | - | - | - | - |
| 9 | - | - | 0.443 | 0.104 | - | 0.644 | 0.000 | 0.098 | 0.258 | Si | - | - | - | - |

Piano 3 .Verifiche SL shell pareti

| Zona | | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|------|------|-------|---------------------|-------|-----------|--------|-----------|----------|-----------|------------|---------------------------|----------|-----------|------------|
| N° | Filo | Piano | Fe | Cls | Punt Cls. | V/Vrdc | Arm Punz. | V/VrdMax | Tot punz. | Verif. SLU | Fess. | Tens. Fe | Tens. Cls | Verif. SLE |
| 1 | 10 | 3 | 0.548 | 0.250 | - | 1.57 | 0.288 | 0.291 | 0.397 | Si | - | - | - | - |
| 1 | 36 | 3 | 0.761 | 0.180 | - | 0.342 | 0.000 | 0.059 | 0.205 | Si | - | - | - | - |
| 1 | 36 | 2 | 0.334 | 0.072 | - | 0.340 | 0.000 | 0.078 | 0.248 | Si | - | - | - | - |
| 1 | 10 | 2 | 0.507 | 0.227 | - | 1.16 | 0.226 | 0.290 | 0.346 | Si | - | - | - | - |
| 1 | - | - | 0.610 | 0.114 | - | 0.137 | - | 0.032 | 0.137 | Si | - | - | - | - |
| 2 | 5 | 3 | 0.370 | 0.182 | - | 1.11 | 0.207 | 0.287 | 0.287 | Si | - | - | - | - |
| 2 | 12 | 3 | 0.243 | 0.039 | - | 0.693 | - | 0.121 | 0.693 | Si | - | - | - | - |
| 2 | 12 | 2 | 0.302 | 0.052 | - | 0.961 | - | 0.146 | 0.961 | Si | - | - | - | - |
| 2 | 5 | 2 | 0.354 | 0.244 | - | 1.43 | 0.322 | 0.315 | 0.322 | Si | - | - | - | - |
| 2 | - | - | 0.387 | 0.052 | - | 0.043 | - | 0.010 | 0.043 | Si | - | - | - | - |
| 3 | 5 | 3 | 0.562 | 0.167 | - | 0.790 | - | 0.144 | 0.790 | Si | - | - | - | - |
| 3 | 6 | 3 | 0.358 | 0.122 | - | 0.587 | - | 0.105 | 0.587 | Si | - | - | - | - |
| 3 | 6 | 2 | 0.425 | 0.158 | - | 0.831 | - | 0.123 | 0.831 | Si | - | - | - | - |
| 3 | 5 | 2 | 0.410 | 0.132 | - | 0.999 | - | 0.173 | 0.999 | Si | - | - | - | - |
| 3 | - | - | 0.253 | 0.081 | - | 0.290 | - | 0.052 | 0.290 | Si | - | - | - | - |
| 4 | 31 | 3 | 0.490 | 0.110 | - | 3.05 | 0.800 | 0.448 | 0.800 | Si | - | - | - | - |
| 4 | 30 | 3 | 0.436 | 0.166 | - | 1.64 | 0.471 | 0.386 | 0.471 | Si | - | - | - | - |
| 4 | 30 | 2 | 0.419 | 0.163 | - | 1.66 | 0.350 | 0.316 | 0.350 | Si | - | - | - | - |
| 4 | 31 | 2 | 0.447 | 0.160 | - | 2.94 | 0.762 | 0.432 | 0.762 | Si | - | - | - | - |
| 4 | - | - | 0.400 | 0.053 | - | 0.084 | - | 0.015 | 0.084 | Si | - | - | - | - |
| 5 | 10 | 3 | 0.872 | 0.268 | - | 2.37 | 0.757 | 0.503 | 0.757 | Si | - | - | - | - |
| 5 | 11 | 3 | 0.562 | 0.169 | - | 0.708 | - | 0.107 | 0.708 | Si | - | - | - | - |
| 5 | 11 | 2 | 0.527 | 0.096 | - | 0.767 | - | 0.116 | 0.767 | Si | - | - | - | - |
| 5 | 10 | 2 | 0.694 | 0.313 | - | 2.63 | 0.585 | 0.402 | 0.585 | Si | - | - | - | - |
| 5 | - | - | 0.579 | 0.093 | - | 0.097 | - | 0.016 | 0.097 | Si | - | - | - | - |
| 6 | 36 | 3 | 0.246 | 0.049 | - | 0.034 | 0.000 | 0.005 | 0.031 | Si | - | - | - | - |
| 6 | 15 | 3 | 0.188 | 0.051 | - | 0.062 | 0.000 | 0.013 | 0.059 | Si | - | - | - | - |
| 6 | 15 | 2 | 0.193 | 0.075 | - | 0.084 | 0.000 | 0.015 | 0.051 | Si | - | - | - | - |
| 6 | 36 | 2 | 0.235 | 0.072 | - | 0.050 | 0.000 | 0.008 | 0.027 | Si | - | - | - | - |
| 6 | - | - | 0.231 | 0.073 | - | 0.060 | 0.000 | 0.009 | 0.034 | Si | - | - | - | - |
| 7 | 4 | 3 | 0.326 | 0.118 | - | 0.742 | - | 0.137 | 0.742 | Si | - | - | - | - |
| 7 | 11 | 3 | 0.346 | 0.192 | - | 0.318 | - | 0.063 | 0.318 | Si | - | - | - | - |
| 7 | 11 | 2 | 0.926 | 0.121 | - | 0.363 | - | 0.075 | 0.363 | Si | - | - | - | - |
| 7 | 4 | 2 | 0.925 | 0.098 | - | 0.680 | - | 0.134 | 0.680 | Si | - | - | - | - |
| 7 | - | - | 0.712 | 0.128 | - | 0.066 | - | 0.014 | 0.066 | Si | - | - | - | - |
| 9 | 30 | 3 | 0.441 | 0.235 | - | 0.551 | - | 0.104 | 0.551 | Si | - | - | - | - |
| 9 | 27 | 3 | 0.352 | 0.131 | - | 2.32 | 0.564 | 0.358 | 0.564 | Si | - | - | - | - |
| 9 | 27 | 2 | 0.320 | 0.185 | - | 2.40 | 0.541 | 0.342 | 0.541 | Si | - | - | - | - |
| 9 | 30 | 2 | 0.472 | 0.082 | - | 0.612 | - | 0.106 | 0.612 | Si | - | - | - | - |
| 9 | - | - | 0.362 | 0.113 | - | 0.696 | 0.000 | 0.106 | 0.268 | Si | - | - | - | - |

Piano 4 .Verifiche SL shell pareti

| Zona | | | Stati Limite Ultimi | | | | | | | | Stati Limite di Esercizio | | | |
|------|------|-------|---------------------|-------|-----------|--------|-----------|----------|-----------|------------|---------------------------|----------|-----------|------------|
| N° | Filo | Piano | Fe | Cls | Punt Cls. | V/Vrdc | Arm Punz. | V/VrdMax | Tot punz. | Verif. SLU | Fess. | Tens. Fe | Tens. Cls | Verif. SLE |
| 1 | 10 | 4 | 0.452 | 0.336 | - | 0.778 | 0.000 | 0.173 | 0.258 | Si | - | - | - | - |
| 1 | 36 | 4 | 0.334 | 0.091 | - | 0.625 | 0.000 | 0.124 | 0.394 | Si | - | - | - | - |
| 1 | 36 | 3 | 0.290 | 0.179 | - | 0.351 | 0.000 | 0.062 | 0.062 | Si | - | - | - | - |
| 1 | 10 | 3 | 0.441 | 0.240 | - | 1.30 | 0.276 | 0.295 | 0.295 | Si | - | - | - | - |
| 1 | - | - | 0.610 | 0.188 | - | 0.230 | 0.000 | 0.052 | 0.230 | Si | - | - | - | - |
| 2 | 5 | 4 | 0.215 | 0.108 | - | 0.512 | - | 0.075 | 0.512 | Si | - | - | - | - |
| 2 | 12 | 4 | 0.280 | 0.110 | - | 1.14 | 0.146 | 0.204 | 0.448 | Si | - | - | - | - |

| | | | | | | | | | | | | | | |
|---|----|---|-------|-------|---|-------|-------|-------|-------|----|---|---|---|---|
| 2 | 12 | 3 | 0.165 | 0.034 | - | 0.740 | - | 0.128 | 0.740 | Si | - | - | - | - |
| 2 | 5 | 3 | 0.188 | 0.079 | - | 0.497 | 0.000 | 0.095 | 0.095 | Si | - | - | - | - |
| 2 | - | - | 0.174 | 0.049 | - | 0.066 | 0.000 | 0.013 | 0.066 | Si | - | - | - | - |
| 3 | 5 | 4 | 0.588 | 0.104 | - | 0.907 | 0.040 | 0.147 | 0.147 | Si | - | - | - | - |
| 3 | 6 | 4 | 0.769 | 0.248 | - | 1.56 | 0.159 | 0.180 | 0.180 | Si | - | - | - | - |
| 3 | 6 | 3 | 0.395 | 0.059 | - | 0.578 | - | 0.104 | 0.578 | Si | - | - | - | - |
| 3 | 5 | 3 | 0.400 | 0.150 | - | 0.783 | - | 0.137 | 0.783 | Si | - | - | - | - |
| 3 | - | - | 0.503 | 0.160 | - | 0.676 | 0.000 | 0.088 | 0.676 | Si | - | - | - | - |
| 4 | 31 | 4 | 0.415 | 0.136 | - | 1.50 | 0.244 | 0.216 | 0.359 | Si | - | - | - | - |
| 4 | 30 | 4 | 0.369 | 0.175 | - | 0.879 | 0.043 | 0.207 | 0.207 | Si | - | - | - | - |
| 4 | 30 | 3 | 0.325 | 0.115 | - | 1.35 | 0.321 | 0.318 | 0.321 | Si | - | - | - | - |
| 4 | 31 | 3 | 0.485 | 0.101 | - | 3.10 | 0.806 | 0.451 | 0.806 | Si | - | - | - | - |
| 4 | - | - | 0.217 | 0.076 | - | 0.100 | 0.000 | 0.019 | 0.100 | Si | - | - | - | - |
| 5 | 10 | 4 | 0.595 | 0.278 | - | 0.753 | 0.000 | 0.152 | 0.447 | Si | - | - | - | - |
| 5 | 11 | 4 | 0.561 | 0.229 | - | 0.890 | 0.027 | 0.125 | 0.341 | Si | - | - | - | - |
| 5 | 11 | 3 | 0.378 | 0.182 | - | 0.806 | - | 0.120 | 0.806 | Si | - | - | - | - |
| 5 | 10 | 3 | 0.713 | 0.227 | - | 3.07 | 0.732 | 0.462 | 0.732 | Si | - | - | - | - |
| 5 | - | - | 0.438 | 0.156 | - | 0.113 | - | 0.020 | 0.113 | Si | - | - | - | - |
| 6 | 36 | 4 | 0.103 | 0.032 | - | 0.091 | 0.000 | 0.015 | 0.015 | Si | - | - | - | - |
| 6 | 15 | 4 | 0.078 | 0.046 | - | 0.157 | 0.000 | 0.033 | 0.033 | Si | - | - | - | - |
| 6 | 15 | 3 | 0.200 | 0.054 | - | 0.129 | 0.000 | 0.024 | 0.104 | Si | - | - | - | - |
| 6 | 36 | 3 | 0.186 | 0.031 | - | 0.043 | 0.000 | 0.008 | 0.038 | Si | - | - | - | - |
| 6 | - | - | 0.179 | 0.034 | - | 0.077 | 0.000 | 0.012 | 0.060 | Si | - | - | - | - |
| 7 | 4 | 4 | 0.483 | 0.233 | - | 0.704 | - | 0.121 | 0.704 | Si | - | - | - | - |
| 7 | 11 | 4 | 0.453 | 0.095 | - | 0.232 | - | 0.041 | 0.232 | Si | - | - | - | - |
| 7 | 11 | 3 | 0.696 | 0.173 | - | 0.346 | - | 0.075 | 0.346 | Si | - | - | - | - |
| 7 | 4 | 3 | 0.703 | 0.112 | - | 0.954 | - | 0.147 | 0.954 | Si | - | - | - | - |
| 7 | - | - | 0.667 | 0.104 | - | 0.130 | - | 0.025 | 0.130 | Si | - | - | - | - |
| 9 | 30 | 4 | 0.350 | 0.119 | - | 0.562 | - | 0.080 | 0.562 | Si | - | - | - | - |
| 9 | 27 | 4 | 0.708 | 0.158 | - | 2.64 | 0.523 | 0.332 | 0.523 | Si | - | - | - | - |
| 9 | 27 | 3 | 0.285 | 0.139 | - | 2.46 | 0.547 | 0.344 | 0.547 | Si | - | - | - | - |
| 9 | 30 | 3 | 0.319 | 0.181 | - | 0.627 | - | 0.112 | 0.627 | Si | - | - | - | - |
| 9 | - | - | 0.346 | 0.216 | - | 1.40 | 0.194 | 0.201 | 0.569 | Si | - | - | - | - |

Verifica pilastri: Instabilità e Spostamenti Sismici

| Pilastro | | | Instabilità | | | | | | | Spostamenti Fam.Comb.7 | | |
|----------|------|------------|-------------|---------|--------------------------|--------------------------|------------------|-------|--------|------------------------|---------------------|--------|
| Piano | Filo | H Pil. [m] | L0z [m] | L0y [m] | λ/λ_{limz} | λ/λ_{limy} | Curv.nom N-My-Mz | Tot | Verif. | Δ_{max} [mm] | Δ_{amm} [mm] | Verif. |
| 1 | 1 | 3.05 | 3.735 | 3.735 | 0.583 | 0.583 | 0.293 | 0.293 | Si | | | |
| 1 | 2 | 3.05 | 3.735 | 3.735 | 0.650 | 0.802 | 0.343 | 0.343 | Si | | | |
| 1 | 3 | 3.05 | 3.735 | 3.735 | 0.623 | 0.769 | 0.367 | 0.367 | Si | | | |
| 1 | 4 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 5 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 6 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 7 | 3.05 | 3.735 | 3.735 | 0.756 | 0.560 | 0.239 | 0.239 | Si | | | |
| 1 | 8 | 3.05 | 3.735 | 3.735 | 0.762 | 0.762 | 0.316 | 0.316 | Si | | | |
| 1 | 9 | 3.05 | 3.735 | 3.735 | 0.690 | 0.690 | 0.292 | 0.292 | Si | | | |
| 1 | 10 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 11 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 12 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 13 | 3.05 | 3.735 | 3.735 | 0.636 | 0.471 | 0.262 | 0.262 | Si | | | |
| 1 | 14 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 15 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 16 | 3.05 | 3.735 | 3.735 | 0.794 | 0.794 | 0.353 | 0.353 | Si | | | |
| 1 | 17 | 3.05 | 3.735 | 3.735 | 0.487 | 0.487 | 0.254 | 0.254 | Si | | | |
| 1 | 18 | 3.05 | 3.735 | 3.735 | 0.610 | 0.544 | 0.276 | 0.276 | Si | | | |
| 1 | 19 | 3.05 | 3.735 | 3.735 | 0.523 | 1.04 | 0.375 | 0.375 | Si | | | |
| 1 | 20 | 3.05 | 3.735 | 3.735 | 0.660 | 1.10 | 0.392 | 0.392 | Si | | | |
| 1 | 21 | 3.05 | 3.735 | 3.735 | 0.826 | 0.826 | 0.328 | 0.328 | Si | | | |
| 1 | 22 | 3.05 | 3.735 | 3.735 | 0.809 | 0.809 | 0.353 | 0.353 | Si | | | |
| 1 | 23 | 3.05 | 7.471 | 7.471 | 0.805 | 0.805 | 0.391 | 0.391 | Si | | | |
| 1 | 24 | 3.05 | 3.735 | 3.735 | 0.392 | 0.508 | 0.253 | 0.253 | Si | | | |
| 1 | 25 | 3.05 | 3.735 | 3.735 | 0.655 | 0.808 | 0.360 | 0.360 | Si | | | |
| 1 | 26 | 3.05 | 3.735 | 3.735 | 0.670 | 0.827 | 0.367 | 0.367 | Si | | | |
| 1 | 27 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 28 | 3.05 | 7.471 | 7.471 | 1.03 | 0.696 | 0.449 | 0.449 | Si | | | |
| 1 | 29 | 3.05 | 7.471 | 7.471 | 1.03 | 0.700 | 0.494 | 0.494 | Si | | | |
| 1 | 30 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 1 | 31 | 3.05 | 3.735 | 3.735 | - | - | - | - | - | | | |
| 5 | 23 | 1.8 | 4.409 | 4.409 | 0.459 | 0.459 | 0.383 | 0.383 | Si | | | |
| 5 | 24 | 1.8 | 2.205 | 2.205 | 0.201 | 0.261 | 0.509 | 0.261 | Si | | | |
| 5 | 28 | 1.8 | 4.409 | 4.409 | 0.581 | 0.392 | 0.281 | 0.281 | Si | | | |
| 5 | 29 | 1.8 | 4.409 | 4.409 | 0.584 | 0.395 | 0.278 | 0.278 | Si | | | |

| | | | | | | | | | | | | |
|---|----|-----|-------|-------|-------|-------|-------|-------|----|--|--|--|
| 2 | 1 | 3.6 | 4.409 | 4.409 | 0.590 | 0.590 | 0.411 | 0.411 | Si | | | |
| 2 | 2 | 3.6 | 4.409 | 4.409 | 0.646 | 0.797 | 0.372 | 0.372 | Si | | | |
| 2 | 3 | 3.6 | 4.409 | 4.409 | 0.612 | 0.755 | 0.413 | 0.413 | Si | | | |
| 2 | 4 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 5 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 6 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 7 | 3.6 | 4.409 | 4.409 | 0.896 | 0.896 | 0.384 | 0.384 | Si | | | |
| 2 | 8 | 3.6 | 4.409 | 4.409 | 0.801 | 0.801 | 0.375 | 0.375 | Si | | | |
| 2 | 9 | 3.6 | 4.409 | 4.409 | 0.693 | 0.693 | 0.422 | 0.422 | Si | | | |
| 2 | 10 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 11 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 12 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 13 | 3.6 | 4.409 | 4.409 | 0.725 | 0.725 | 0.393 | 0.393 | Si | | | |
| 2 | 14 | 3.6 | 4.409 | 4.409 | 0.719 | 0.875 | 0.383 | 0.383 | Si | | | |
| 2 | 15 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 16 | 3.6 | 4.409 | 4.409 | 0.784 | 0.784 | 0.325 | 0.325 | Si | | | |
| 2 | 17 | 3.6 | 4.409 | 4.409 | 0.505 | 0.505 | 0.363 | 0.363 | Si | | | |
| 2 | 18 | 3.6 | 4.409 | 4.409 | 0.609 | 0.543 | 0.302 | 0.302 | Si | | | |
| 2 | 19 | 3.6 | 4.409 | 4.409 | 0.521 | 1.04 | 0.429 | 0.429 | Si | | | |
| 2 | 20 | 3.6 | 4.409 | 4.409 | 0.678 | 1.13 | 0.378 | 0.378 | Si | | | |
| 2 | 21 | 3.6 | 4.409 | 4.409 | 0.823 | 0.823 | 0.358 | 0.358 | Si | | | |
| 2 | 22 | 3.6 | 4.409 | 4.409 | 0.798 | 0.798 | 0.328 | 0.328 | Si | | | |
| 2 | 23 | 1.8 | 4.409 | 4.409 | 0.387 | 0.387 | 0.287 | 0.287 | Si | | | |
| 2 | 24 | 1.8 | 2.205 | 2.205 | 0.190 | 0.247 | 0.326 | 0.247 | Si | | | |
| 2 | 25 | 3.6 | 4.409 | 4.409 | 0.640 | 0.789 | 0.359 | 0.359 | Si | | | |
| 2 | 26 | 3.6 | 4.409 | 4.409 | 0.652 | 0.804 | 0.446 | 0.446 | Si | | | |
| 2 | 27 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 28 | 1.8 | 4.409 | 4.409 | 0.495 | 0.334 | 0.281 | 0.281 | Si | | | |
| 2 | 29 | 1.8 | 4.409 | 4.409 | 0.498 | 0.336 | 0.226 | 0.226 | Si | | | |
| 2 | 30 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 2 | 31 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 6 | 23 | 1.8 | 4.409 | 4.409 | 0.376 | 0.376 | 0.390 | 0.376 | Si | | | |
| 6 | 24 | 1.8 | 2.205 | 2.205 | 0.162 | 0.210 | 0.482 | 0.210 | Si | | | |
| 6 | 28 | 1.8 | 4.409 | 4.409 | 0.475 | 0.321 | 0.273 | 0.273 | Si | | | |
| 6 | 29 | 1.8 | 4.409 | 4.409 | 0.479 | 0.323 | 0.338 | 0.338 | Si | | | |
| 3 | 1 | 3.6 | 4.409 | 4.409 | 0.473 | 0.473 | 0.366 | 0.366 | Si | | | |
| 3 | 2 | 3.6 | 4.409 | 4.409 | 0.517 | 0.638 | 0.374 | 0.374 | Si | | | |
| 3 | 3 | 3.6 | 4.409 | 4.409 | 0.486 | 0.599 | 0.469 | 0.469 | Si | | | |
| 3 | 4 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 5 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 6 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 7 | 3.6 | 4.409 | 4.409 | 0.714 | 0.714 | 0.348 | 0.348 | Si | | | |
| 3 | 8 | 3.6 | 4.409 | 4.409 | 0.659 | 0.659 | 0.298 | 0.298 | Si | | | |
| 3 | 9 | 3.6 | 4.409 | 4.409 | 0.560 | 0.560 | 0.462 | 0.462 | Si | | | |
| 3 | 10 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 11 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 12 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 13 | 3.6 | 4.409 | 4.409 | 0.579 | 0.579 | 0.374 | 0.374 | Si | | | |
| 3 | 14 | 3.6 | 4.409 | 4.409 | 0.588 | 0.716 | 0.351 | 0.351 | Si | | | |
| 3 | 15 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 16 | 3.6 | 4.409 | 4.409 | 0.630 | 0.630 | 0.289 | 0.289 | Si | | | |
| 3 | 17 | 3.6 | 4.409 | 4.409 | 0.408 | 0.408 | 0.378 | 0.378 | Si | | | |
| 3 | 18 | 3.6 | 4.409 | 4.409 | 0.483 | 0.431 | 0.228 | 0.228 | Si | | | |
| 3 | 19 | 3.6 | 4.409 | 4.409 | 0.427 | 0.855 | 0.396 | 0.396 | Si | | | |
| 3 | 20 | 3.6 | 4.409 | 4.409 | 0.555 | 0.926 | 0.290 | 0.290 | Si | | | |
| 3 | 21 | 3.6 | 4.409 | 4.409 | 0.668 | 0.668 | 0.327 | 0.327 | Si | | | |
| 3 | 22 | 3.6 | 4.409 | 4.409 | 0.641 | 0.641 | 0.331 | 0.331 | Si | | | |
| 3 | 23 | 1.8 | 4.409 | 4.409 | 0.279 | 0.279 | 0.262 | 0.262 | Si | | | |
| 3 | 24 | 1.8 | 2.205 | 2.205 | 0.149 | 0.193 | 0.386 | 0.193 | Si | | | |
| 3 | 25 | 3.6 | 4.409 | 4.409 | 0.514 | 0.634 | 0.341 | 0.341 | Si | | | |
| 3 | 26 | 3.6 | 4.409 | 4.409 | 0.521 | 0.642 | 0.365 | 0.365 | Si | | | |
| 3 | 27 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 28 | 1.8 | 4.409 | 4.409 | 0.364 | 0.246 | 0.245 | 0.245 | Si | | | |
| 3 | 29 | 1.8 | 4.409 | 4.409 | 0.366 | 0.247 | 0.230 | 0.230 | Si | | | |
| 3 | 30 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 3 | 31 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 7 | 23 | 1.8 | 4.409 | 4.409 | 0.263 | 0.263 | 0.338 | 0.263 | Si | | | |
| 7 | 24 | 1.8 | 2.205 | 2.205 | 0.110 | 0.143 | 0.419 | 0.143 | Si | | | |
| 7 | 28 | 1.8 | 4.409 | 4.409 | 0.337 | 0.227 | 0.290 | 0.290 | Si | | | |
| 7 | 29 | 1.8 | 4.409 | 4.409 | 0.339 | 0.229 | 0.309 | 0.309 | Si | | | |
| 4 | 1 | 3.6 | 4.409 | 4.409 | 0.326 | 0.326 | 0.431 | 0.326 | Si | | | |
| 4 | 2 | 3.6 | 4.409 | 4.409 | 0.346 | 0.427 | 0.374 | 0.374 | Si | | | |
| 4 | 3 | 3.6 | 4.409 | 4.409 | 0.320 | 0.395 | 0.531 | 0.395 | Si | | | |

| | | | | | | | | | | | | |
|---|----|-----|-------|-------|-------|-------|-------|-------|----|--|--|--|
| 4 | 4 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 5 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 6 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 7 | 3.6 | 4.409 | 4.409 | 0.525 | 0.525 | 0.372 | 0.372 | Si | | | |
| 4 | 8 | 3.6 | 4.409 | 4.409 | 0.487 | 0.487 | 0.317 | 0.317 | Si | | | |
| 4 | 9 | 3.6 | 4.409 | 4.409 | 0.395 | 0.395 | 0.496 | 0.395 | Si | | | |
| 4 | 10 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 11 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 12 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 13 | 3.6 | 4.409 | 4.409 | 0.395 | 0.395 | 0.447 | 0.395 | Si | | | |
| 4 | 14 | 3.6 | 4.409 | 4.409 | 0.418 | 0.509 | 0.355 | 0.355 | Si | | | |
| 4 | 15 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 16 | 3.6 | 4.409 | 4.409 | 0.428 | 0.428 | 0.314 | 0.314 | Si | | | |
| 4 | 17 | 3.6 | 4.409 | 4.409 | 0.273 | 0.273 | 0.370 | 0.273 | Si | | | |
| 4 | 18 | 3.6 | 4.409 | 4.409 | 0.320 | 0.285 | 0.140 | 0.140 | Si | | | |
| 4 | 19 | 3.6 | 4.409 | 4.409 | 0.303 | 0.606 | 0.403 | 0.403 | Si | | | |
| 4 | 20 | 3.6 | 4.409 | 4.409 | 0.400 | 0.667 | 0.236 | 0.236 | Si | | | |
| 4 | 21 | 3.6 | 4.409 | 4.409 | 0.466 | 0.466 | 0.362 | 0.362 | Si | | | |
| 4 | 22 | 3.6 | 4.409 | 4.409 | 0.431 | 0.431 | 0.377 | 0.377 | Si | | | |
| 4 | 23 | 1.8 | 3.927 | 3.927 | 0.083 | 0.083 | 0.265 | 0.083 | Si | | | |
| 4 | 24 | 1.8 | 2.205 | 2.205 | 0.089 | 0.116 | 0.644 | 0.116 | Si | | | |
| 4 | 25 | 3.6 | 4.409 | 4.409 | 0.346 | 0.427 | 0.315 | 0.315 | Si | | | |
| 4 | 26 | 3.6 | 4.409 | 4.409 | 0.348 | 0.429 | 0.327 | 0.327 | Si | | | |
| 4 | 27 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 28 | 1.8 | 3.927 | 3.927 | 0.122 | 0.083 | 0.163 | 0.122 | Si | | | |
| 4 | 29 | 1.8 | 3.927 | 3.927 | 0.122 | 0.083 | 0.127 | 0.122 | Si | | | |
| 4 | 30 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 4 | 31 | 3.6 | 4.409 | 4.409 | - | - | - | - | - | | | |
| 9 | 10 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.265 | 0.127 | Si | | | |
| 9 | 12 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.132 | 0.127 | Si | | | |
| 9 | 13 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.247 | 0.127 | Si | | | |
| 9 | 14 | 2.4 | 5.236 | 5.236 | 0.105 | 0.127 | 0.147 | 0.127 | Si | | | |
| 9 | 15 | 2.4 | 5.236 | 5.236 | 0.105 | 0.127 | 0.434 | 0.127 | Si | | | |
| 9 | 16 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.245 | 0.127 | Si | | | |
| 9 | 17 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.160 | 0.127 | Si | | | |
| 9 | 19 | 2.4 | 5.236 | 5.236 | 0.094 | 0.189 | 0.131 | 0.131 | Si | | | |
| 9 | 20 | 2.4 | 5.236 | 5.236 | 0.094 | 0.189 | 0.160 | 0.160 | Si | | | |
| 9 | 21 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.204 | 0.127 | Si | | | |
| 9 | 22 | 2.4 | 5.236 | 5.236 | 0.127 | 0.127 | 0.156 | 0.127 | Si | | | |

Legenda

- **Instabilità:** Verifica instabilità secondo il § 4.1.2.3.9.2 NTC18.
- **L0x:** Lunghezza libera di inflessione lungo x. Sistema di riferimento del pilastro.
- **L0y:** Lunghezza libera di inflessione lungo y. Sistema di riferimento del pilastro.
- λ_{limx} : Coefficiente di trascurabilità degli effetti del secondo ordine lungo x. Sistema di riferimento del pilastro.
- λ_{limy} : Coefficiente di trascurabilità degli effetti del secondo ordine lungo y. Sistema di riferimento del pilastro.
- **N-Mx-My:** Coefficiente normalizzato di verifica biassiale con il metodo della curvatura nominale secondo il §5.8.8 EC2-1-1
- **Spostamenti Fam.Comb.N:** Verifica spostamenti sismici per la famiglia di combinazioni N, secondo il § 7.3.6.1 NTC18.

Legenda tabella Verifiche SLU Legno

Le formule e i paragrafi indicati di seguito fanno riferimento alle NTC18.

- **cN:** Coefficiente di verifica ottenuto dalla [4.4.2] o dalla [4.4.3].
- **cMy:** Coefficiente di verifica del solo momento $M_y = \sigma_{m,y,d} / \sigma_{m,y,d}$
- **cMz:** Coefficiente di verifica del solo momento $M_z = \sigma_{m,z,d} / \sigma_{m,z,d}$
- **My-Mz-N:** Coefficiente di verifica ottenuto dalle [4.4.6] in caso di tenso-flessione e dalle [4.4.7] in caso di presso-flessione.
- **cVy:** Coefficiente di verifica del solo taglio V_y valutato come indicato nei §§4.4.8.1.9 e C4.4.8.1.9.
- **cVz:** Coefficiente di verifica del solo taglio V_z valutato come indicato nei §§4.4.8.1.9 e C4.4.8.1.9.
- **cMt:** Coefficiente di verifica a torsione valutato con la [4.4.9].
- **Vy-Vz-Mt = cMt + cVy² + cVz²** ovvero coefficiente di verifica di taglio e torsione valutato con la [4.4.10].

Legenda tabella Verifiche Instabilità Legno Cmb

La verifica a instabilità degli elementi in legno è fatta come indicato nel §4.4.8.2 NTC18 e §7.6.1.2.1 CNR DT 206-R1/2018 per quanto non indicato nelle NTC18.

- **Fam-Cmb:** Combinazione di carico più gravosa per una delle verifiche di instabilità.
- **Ned:** Forza di compressione, positiva se di compressione.
- **Compres. Sband. Z:** Compressione con sbandamento lungo Z, ossia con inflessione intorno all'asse y-y.
- **Compres. Sband. Y:** Compressione con sbandamento lungo Y, ossia con inflessione intorno all'asse z-z.
- **Compressione - L0:** Lunghezza libera di inflessione.
- **Compressione - λrel:** Snellezza relativa per sbandamento [4.4.14] NTC18.
- **Compressione - kcrit:** Coefficiente di tensione critica [4.4.15] NTC18.
- **Compressione - σcrit:** Tensione critica [4.4.15] NTC18.
- **Instabilità flessionale:** instabilità Laterale Torsionale di trave
- **Dir Forte:** direzione forte

- **Instabilità flessionale:** Lunghezza libera di inflessione laterale-torsionale di trave.
- **Instabilità flessionale - λ_{rel} :** Snellezza relativa di trave [4.4.12] NTC18.
- **Instabilità flessionale - k_{crit} :** Coefficiente di tensione per instabilità di trave [4.4.12] NTC18.
- **Instabilità flessionale - σ_{crit} :** Tensione critica per instabilità di trave [4.4.12] NTC18.
- **Instabilità flessionale - β :** Coefficiente β definito dalla tabella 7-4 della CNR DT 206-R1/2018 per il calcolo della lunghezza efficace.
- **cC-Z:** Coefficiente di verifica valutato con la [4.4.13] per sbandamento lungo l'asse Z.
- **cC-Y:** Coefficiente di verifica valutato con la [4.4.13] per sbandamento lungo l'asse Y.
- **cMy:** Coefficiente di verifica valutato con la [4.4.11] per il momento My, se My è il momento nella direzione forte.
- **cMz:** Coefficiente di verifica valutato con la [4.4.11] per il momento Mz, se Mz è il momento nella direzione forte.
- **Vy-Vz-Mt Inst.** Coefficiente di verifica di instabilità degli elementi presso-inflessi valutato come indicato nel §7.6.1.2.3 del CNR DT 206-R1/2018

Legenda tabella Verifica Deformazione Travi Legno per combinazioni Rare

I simboli fanno riferimento ai §§4.4.7 NTC18 e §C4.4.7 CNTC18

- **Deformazione Trave:** Verifica delle deformazioni della sola trave.
- **Deformazione Travata:** Verifica delle deformazioni del nodo iniziale e finale della trave tenendo conto delle deformazioni dell'intera travata.
- **Fam-Cmb:** Combinazione di carico rara più gravosa per la verifica di deformazione.
- **u dif:** Spostamento differito.
- **u fin:** Spostamento finale.
- **u2:** Spostamento dovuto ai soli carichi variabili
- **coef:** Coefficiente per lo spostamento finale.
- **coef2:** Coefficiente per lo spostamento dei soli carichi variabili.

Legenda tabella Verifiche SLU Acciaio

Le formule e i paragrafi indicati di seguito fanno riferimento alle NTC18.

- **cN:** Coefficiente di verifica per sforzo assiale calcolato come indicato nel §§4.2.4.1.2.1 e 4.2.4.1.2.2.
- **cMy (cMz):** Coefficiente di verifica del solo momento My (Mz) calcolato come indicato nel § 4.2.4.1.2.3.
- **My-Mz-N:** Coefficiente di verifica per presso-tenso-flessione biassiale. Per le sezioni in classe 1 e 2 è calcolato come indicato nei §§4.2.4.1.2.7 e 4.2.4.1.2.8. Per sezioni di classe 3 e 4 è calcolato con la [4.2.4].
- **cVy (cVz):** Coefficiente di verifica del solo taglio Vy (Vz). Per le sezioni in classe 1 e 2 è calcolato come indicato nel §4.2.4.1.2.4. Per sezioni di classe 3 e 4 è calcolato con la [4.2.4], con le tensioni tangenziali calcolate con la formula di Jourawski.
- **cMt:** Coefficiente di verifica a torsione uniforme. Jasp non considera la resistenza a torsione per ingobbamento impedito.
- **Vy-Vz-Mt:** Coefficiente di verifica di torsione e taglio. Per le sezioni in classe 1 e 2 l'interazione torsione-taglio è valutato con la [4.2.24]. Per sezioni di classe 3 e 4 è calcolato con la [4.2.4].
- **Tot:** Coefficiente totale di verifica. In classe 1 e 2 l'interazione tensioni normali – tensioni tangenziali è tenuta in conto come indicato nel §4.2.4.1.2.9. Per le sezioni in classe 3 e 4 è usata la formula di verifica [4.2.4]
- **Classe:** Classe massima della zona.
- **Classe. ver:** Verifica se la classe è minore o uguale della classe massima stabilita nei criteri di progetto.

Legenda tabella Verifiche Instabilità Acciaio

Le formule e i paragrafi indicati di seguito fanno riferimento alle NTC18, in particolare al §4.2.4.1.3

- **Compressione con sbandamento lungo Z,** ossia con inflessione intorno all'asse y-y.
- **Compressione con sbandamento lungo Y,** ossia con inflessione intorno all'asse z-z.
- **χ :** Coefficiente definito nella [4.2.44]
- **Φ :** Coefficiente definito nel §4.2.4.1.3
- **α :** Fattore di imperfezione ricavato dalla Tab 4.2.VIII
- **λ^- :** Snellezza normalizzata calcolata come indicano nelle [4.2.45] e [4.2.46]
- **Ncr:** Carico critico euleriano.
- **Nb,rd:** Resistenza di progetto all'instabilità, calcolata con le [4.2.42] e con le [4.2.43] per le sezioni in classe 4.
- **α_{LT} :** Fattore di imperfezione per instabilità torsionale ricavato dalla Tab 4.2.IX

Legenda tabella Verifiche Instabilità Acciaio Cmb

Le formule e i paragrafi indicati di seguito, se non espressamente indicato, fanno riferimento alle NTC18, in particolare al §4.2.4.1.3, e alla CNTC18

- **Fam-Cmb:** Combinazione di carico più gravosa per una delle verifiche di instabilità.
- **dir Forte:** Direzione forte.
- **χ_{LT} :** fattore definito nella [4.2.50].
- **Φ_{LT} :** coefficiente definito nel §4.2.4.1.3.
- **λ^-_{LT} :** Snellezza normalizzata calcolata come indicano nelle [4.2.51].
- **ψ :** Calcolato con la [C4.2.31] se la trave è senza carico, calcolato con la (6.1) della presente relazione nel caso generale.
- **Mcr:** Momento critico elastico per instabilità torsionale. Calcolato con la [(F.4) ENV 1993-1-1], che si riduce alla [C4.2.30] se $c_2 = 0$ e se $k = k_w = 1$. Vedere §7.3 della presente relazione.
- **Mb,Rd:** Momento resistente di progetto per l'instabilità.
- **Inst.Presso-Fless:** Verifica instabilità membrature inflesse e compresse effettuata con il Metodo A § C4.2.4.1.3.3.1 CNTC18
- **Ned:** Forza di compressione, positiva se di compressione.
- **Myeq,Ed e Mzeq,Ed:** Valori equivalenti dei momenti flettenti da considerare nella verifica.
- **cC-Z:** Coefficiente di verifica valutato con la [4.2.41] per sbandamento lungo l'asse Z.
- **cC-Y:** Coefficiente di verifica valutato con la [4.2.41] per sbandamento lungo l'asse Y.
- **cMy:** Coefficiente di verifica valutato con la [4.2.48] per il momento My, se My è il momento nella direzione forte.

- **cMz**: Coefficiente di verifica valutato con la [4.2.48] per il momento Mz, se Mz è il momento nella direzione forte.
- **Vy-Vz-Mt Inst.**: Coefficiente di verifica di instabilità degli elementi presso-inflessi calcolato con la [C4.2.36].

Legenda tabella Verifica Deformazione Travi Acciaio per combinazioni Rare

I simboli fanno riferimento al §4.2.4.2.1 NTC18

- **Deformazione Trave**: Verifica delle deformazioni della sola trave.
- **Deformazione Travata**: Verifica delle deformazioni del nodo iniziale e finale della trave tenendo conto delle deformazioni dell'intera travata.
- **Fam-Cmb**: Combinazione di carico rara più gravosa per la verifica di deformazione.
- **δ max**: Spostamento finale.
- **δ2**: Spostamento dovuto ai soli carichi variabili
- **coef**: Coefficiente per lo spostamento finale.
- **coef2**: Coefficiente per lo spostamento dei soli carichi variabili.

Verifiche Unioni

| Posizione | | | | | | | | | | | | | | | |
|-----------|-----------|---------|-------|-----|----------------|---------|-------|-------|-------|---------|-------|-------|-------|----------|-------|
| Piano | Tipo Elem | n° Elem | x [m] | Pos | Vincolo | Est Int | cMy | cMz | cN | My-Mz-N | cVy | cVz | cMt | Vy-Vz-Mt | Tot |
| 3 | Trave | 10 | 0 | Ini | 7) RIGIDEZZA X | Int | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4 | Trave | 10 | 0 | Ini | 7) RIGIDEZZA X | Int | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Verifiche Solai

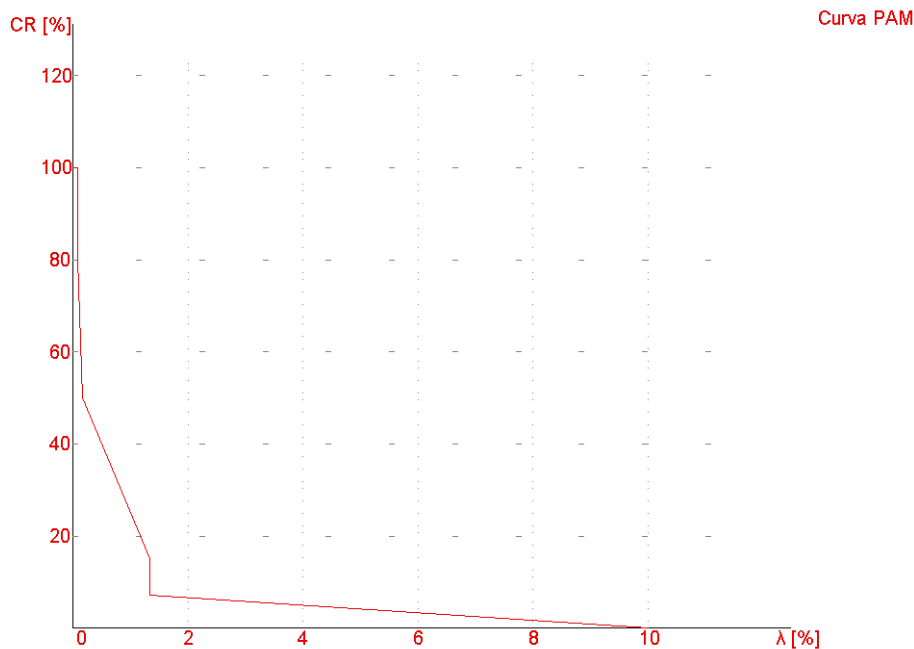
| SLU | | | | | | SLE | | | | | Posa Tral. | Coef. | Totale |
|-------|----------|-------|-------|-----------|-------|-----------|----------|---------|---------|-------|------------|---------|--------|
| Piano | Travetto | M/Mr | V/Vr | V Traz.Fe | Tot | Tens. Cls | Tens. Fe | Fessur. | Deform. | Tot. | Tot | Tot | |
| 1 | 1 | 0.938 | 0.749 | 0.076 | 0.938 | - | - | - | 0.768 | 0.768 | - | 0.93881 | Si |
| 1 | 2 | 0.858 | 0.711 | 0.072 | 0.858 | - | - | - | 0.653 | 0.653 | - | 0.85873 | Si |
| 1 | 3 | 0.475 | 0.527 | 0.054 | 0.527 | - | - | - | 0.166 | 0.166 | - | 0.52727 | Si |
| 1 | 4 | 0.540 | 0.559 | 0.057 | 0.559 | - | - | - | 0.245 | 0.245 | - | 0.55937 | Si |
| 1 | 5 | 0.942 | 0.766 | 0.080 | 0.942 | - | - | - | 0.705 | 0.705 | - | 0.94222 | Si |
| 1 | 6 | 0.710 | 0.921 | 0.096 | 0.921 | - | - | - | 0.281 | 0.281 | - | 0.9218 | Si |
| 1 | 7 | 0.790 | 0.783 | 0.079 | 0.790 | - | - | - | 0.032 | 0.032 | - | 0.7904 | Si |
| 1 | 8 | 0.853 | 0.713 | 0.072 | 0.853 | - | - | - | 0.646 | 0.646 | - | 0.85374 | Si |
| 1 | 9 | 0.956 | 0.801 | 0.084 | 0.956 | - | - | - | 0.788 | 0.788 | - | 0.95645 | Si |
| 1 | 10 | 0.949 | 0.769 | 0.081 | 0.949 | - | - | - | 0.714 | 0.714 | - | 0.949 | Si |
| 1 | 11 | 0.475 | 0.522 | 0.054 | 0.522 | - | - | - | 0.167 | 0.167 | - | 0.52299 | Si |
| 1 | 12 | 0.565 | 0.558 | 0.059 | 0.565 | - | - | - | 0.270 | 0.270 | - | 0.56597 | Si |
| 1 | 13 | 0.879 | 0.765 | 0.083 | 0.879 | - | - | - | 0.621 | 0.621 | - | 0.87904 | Si |

ρ struttura

| | |
|------------------------|---------|
| ρmin | 0 |
| ρmax | 3.0911 |
| ρmax/[2,5·max(2;ρmin)] | 0.61821 |

PGA Sisma

| Sito | | | | | Struttura | | | |
|------|--------------|-------------|-----|----------|--------------|-------------|-------------|--------|
| SL | PGA D [m/s²] | Tr D [anni] | S | ag/g | PGA C [m/s²] | Tr C [anni] | λc [1/anni] | CR [%] |
| SLO | 0.31061 | 30.107 | 1.2 | 0.026394 | 0.47259 | 83.796 | 0.011934 | 7 |
| SLD | 0.40136 | 50.289 | 1.2 | 0.034106 | 0.47259 | 74.907 | 0.01335 | 15 |
| SLV | 1.0855 | 474.56 | 1.2 | 0.092243 | 1.1771 | 578.21 | 0.0017295 | 50 |
| SLC | 1.4411 | 974.79 | 1.2 | 0.12246 | 1.5585 | 1180 | 0.00084745 | 80 |



Curva PAM (Perdite Annue Medie)

Rischio Sismico DM 65 del 7/3/17

| PAM | | IS-V | | Tot |
|---------|--------|--------|--------|--------|
| [%] | Classe | [%] | Classe | Classe |
| 0.82302 | A | 108.44 | A+ | A |

Tabella riassuntiva verifiche Stati Limite Beam CA

| Piano | Travi | | | | | Pilastr | | | | | | Pareti | | | | | | Nodi | | |
|-------|-------|-----------|-------------|---------|---------|---------|-----------|-------------|---------|--------|---------|--------|-----------|-------------|---------|--------|---------|--------|-----------|---------|
| | SLU | Dutt-lità | Tens Eserc. | Fessur. | Deform. | SLU | Dutt-lità | Tens Eserc. | Fessur. | Spost. | Instab. | SLU | Dutt-lità | Tens Eserc. | Fessur. | Spost. | Instab. | Gerar. | Min. Arm. | Resist. |
| 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Si | - | - | - | - | Si | - | - | - | - | Si | - | - | - | - | Si | - | - | - | - |
| 2 | Si | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |
| 3 | Si | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |
| 4 | Si | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |
| 5 | Si | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |
| 6 | Si | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |
| 7 | Si | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | - | Si | - | - | - | Si | Si | - | - | - | - | Si | - | - | - | - |

Tabella riassuntiva verifiche esistente q=1

| Piano | Travi | | | Pilastr | | | Pareti | | | Nodi |
|-------|-------------------|---------------------|--------|-------------------|---------------------|--------|-------------------|---------------------|--------|------|
| | θ/θ_u | $\rho/(2.5p_{min})$ | Taglio | θ/θ_u | $\rho/(2.5p_{min})$ | Taglio | θ/θ_u | $\rho/(2.5p_{min})$ | Taglio | |
| 0 | - | - | - | - | - | - | - | - | - | - |
| 1 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 2 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 3 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 4 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 5 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 6 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 7 | Si | - | Si | Si | Si | Si | - | - | - | - |
| 8 | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | Si | - | Si | - | - | - | - |

Tabella riassuntiva verifiche Stati Limite Shell e Fondazioni CA

| Piano | Pareti | | | | Piastr | | | Plinti diretti | | | Plinti su pali | | | Pali | | |
|-------|--------|-------------|---------|--------|--------|-------------|---------|----------------|-------------|---------|----------------|-------------|---------|------|-------------|---------|
| | SLU | Tens Eserc. | Fessur. | Spost. | SLU | Tens Eserc. | Fessur. | SLU | Tens Eserc. | Fessur. | SLU | Tens Eserc. | Fessur. | SLU | Tens Eserc. | Fessur. |
| 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Si | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Si | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Si | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | |
|---|----|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | Si | - | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | - | - | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | - | - | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | - | - | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | Si | - | - | - | - | - | - | - | - | - | - | - | - | - |

Riassunto verifiche Solai CA

| | SLU | | | | SLE | | | | | Posa Tral. | Coef. | Totale |
|-------|------|------|-----------|-----|-----------|----------|---------|---------|------|------------|---------|--------|
| Piano | M/Mr | V/Vr | V Traz.Fe | Tot | Tens. Cls | Tens. Fe | Fessur. | Deform. | Tot. | Tot | Tot | |
| 1 | Si | Si | Si | Si | | | | Si | Si | | 0.95645 | Si |

Tabella Verifiche Unioni per Piano

| | Unioni Travi Legno | | | Unioni Pilastri Legno | | | Unioni Travi Acciaio | | | Unioni Pilastri Acciaio | | | Unioni Nodi | | | Tot |
|-------|--------------------|----------|-----|-----------------------|----------|-----|----------------------|----------|-----|-------------------------|----------|-----|-------------|----------|-----|-----|
| Piano | My-Mz-N | Vy-Vz-Mt | Tot | My-Mz-N | Vy-Vz-Mt | Tot | My-Mz-N | Vy-Vz-Mt | Tot | My-Mz-N | Vy-Vz-Mt | Tot | My-Mz-N | Vy-Vz-Mt | Tot | Tot |
| 0 | | | | | | | | | | | | | | | | - |
| 1 | | | | | | | | | | | | | | | | - |
| 2 | | | | | | | | | | | | | | | | - |
| 3 | | | | | | | | | | | | | | | | - |
| 4 | | | | | | | | | | | | | | | | - |
| 5 | | | | | | | | | | | | | | | | - |
| 6 | | | | | | | | | | | | | | | | - |
| 7 | | | | | | | | | | | | | | | | - |
| 8 | | | | | | | | | | | | | | | | - |
| 9 | | | | | | | | | | | | | | | | - |

Controllo q

| | Regolarità in pianta | | | Regolarità in altezza | | | Torsionalmente Rigido | | | Totale |
|-------|----------------------|---------|----------|-----------------------|---------|----------|-----------------------|---------|----------|--------|
| Piano | Scelta | Calcolo | Coerenza | Scelta | Calcolo | Coerenza | Scelta | Calcolo | Coerenza | Verif |
| 1 | No | No | Si | No | - | Si | Si | Si | Si | Si |
| 2 | No | No | Si | No | No | Si | Si | Si | Si | Si |
| 3 | No | No | Si | No | No | Si | Si | Si | Si | Si |
| 4 | No | No | Si | No | No | Si | Si | Si | Si | Si |

Tabella riassuntiva verifiche Interpiano

| | Spost. Sismici | Contributo Rigid. Elem. Sec | | | Controllo q | | | | Effetto P-Δ | | | Totale |
|-------|----------------|-----------------------------|---------|----------------------|----------------------|-----------------------|------------------------|-------------|-------------|--------|------------------|--------|
| Piano | Δmax/Δamm | Sisma X | Sisma Y | Tot. Medio Struttura | Regolarità in pianta | Regolarità in altezza | Rigididezza torsionale | Controllo q | θx/0.2 | θy/0.2 | Coef. Tot. Medio | Tot |
| 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 2 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 3 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 4 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 5 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 6 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 7 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | Si | - | - | - | - | - | Si | Si | - | - | - | Si |

Tabella riassuntiva verifiche Acciaio, Legno e Unioni

| | Travi Legno | | | Pilastri Legno | | | Legno | Travi Acciaio | | | | Pilastri Acciaio | | | | Acciaio | Unioni | Tot |
|-------|-------------|--------------|---------------|----------------|--------------|---------------|-----------|---------------|--------------|---------------|-------------|------------------|--------------|---------------|-------------|-------------|--------|-----|
| Piano | SLU Sezioni | Insta-bilità | Defor-mazione | SLU Sezioni | Insta-bilità | Defor-mazione | Tot Legno | SLU Sezioni | Insta-bilità | Defor-mazione | Classe Max. | SLU Sezioni | Insta-bilità | Defor-mazione | Classe Max. | Tot Acciaio | Unione | Tot |
| 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Verifica di resistenza degli elementi strutturali

| | |
|-------------------------------|---------|
| Valore massimo Ed/Rd allo SLE | 0.78894 |
| Valore massimo Ed/Rd allo SLU | 0.99956 |
| Valore massimo Ed/Rd allo SLD | 0.54589 |

Verifica spostamenti SLD-SLO

Tabella Riassunto Verifiche

| Piano | Stati Limite | | | | | | | | | | Tot. |
|-------|---------------|---------------|----------------|-----------------|-------------|-------------|--------|------------|---------|-----------|-------------|
| | Beam CA SL | Nodi CA SL | Shell CA SL | Plinti CA SL | Solai SL | Beam L/A | Unioni | Interpiano | Terreno | Tot SL | Tot. Tot |
| 0 | - | - | - | - | - | - | - | - | - | - | - |
| 1 | Sì | - | Sì | - | Sì | - | - | Sì | - | Sì | Sì |
| 2 | Sì | - | Sì | - | - | - | - | Sì | - | Sì | Sì |
| 3 | Sì | - | Sì | - | - | - | - | Sì | - | Sì | Sì |
| 4 | Sì | - | Sì | - | - | - | - | Sì | - | Sì | Sì |
| 5 | Sì | - | - | - | - | - | - | Sì | - | Sì | Sì |
| 6 | Sì | - | - | - | - | - | - | Sì | - | Sì | Sì |
| 7 | Sì | - | - | - | - | - | - | Sì | - | Sì | Sì |
| 8 | - | - | - | - | - | - | - | - | - | - | - |
| 9 | Sì | - | - | - | - | - | - | Sì | - | Sì | Sì |

Conclusioni

Al fine di fornire un giudizio motivato di accettabilità del risultato, come richiesto al § 10.2.1 NTC18, il progettista strutturale assevera di aver:

- Esaminato preliminarmente la documentazione a corredo del software Jasp™ e di ritenerlo affidabile ed idoneo alla struttura in oggetto.
- Controllato accuratamente i tabulati di calcolo, in particolare la tabella **“Equilibrio per piano”**, il listato degli errori numerici del solutore e le **tabelle di verifica delle sezioni**.
- Confrontato i risultati del software con quelli ottenuti con semplici calcoli di massima.
- Esaminato gli stati tensionali e deformativi e di ritenerli consistenti e coerenti con la schematizzazione e modellazione della struttura.

Pertanto ritiene che i risultati siano accettabili e che il presente progetto strutturale sia conforme alle Leggi n°1086/71 e n°64/74, e al DM 17/01/2018 (Norme tecniche per le costruzioni).

Il tecnico strutturista
