

| Scale | Method | Objective | Gap (| Wall Time (s) | QPU Time (s) | Violations | Status |
|-------|---------------------|-----------|-------|---------------|--------------|------------|----------|
| 10 | Gurobi | 0.3595 | 0.0 | 0.01 | N/A | 0 | Feasible |
| 10 | PlotBased_QPU | 0.3641 | -1.3 | 35.29 | 1.726 | 0 | Feasible |
| 10 | Multilevel(10)_QPU | 0.2690 | 25.2 | 13.48 | 0.416 | 0 | Feasible |
| 10 | Louvain_QPU | 0.3390 | 5.7 | 45.25 | 3.712 | 0 | Feasible |
| 10 | cqm_first_PlotBased | 0.2987 | 16.9 | 61.61 | 1.584 | 0 | Feasible |
| 10 | coordinated | 0.4212 | -17.2 | 44.80 | 0.999 | 1 | 1 viol. |
| 15 | Gurobi | 0.3830 | 0.0 | 0.02 | N/A | 0 | Feasible |
| 15 | PlotBased_QPU | 0.3398 | 11.3 | 52.52 | 2.305 | 0 | Feasible |
| 15 | Multilevel(10)_QPU | 0.2412 | 37.0 | 43.57 | 0.579 | 1 | 1 viol. |
| 15 | Louvain_QPU | 0.3448 | 10.0 | 72.59 | 4.461 | 0 | Feasible |
| 15 | cqm_first_PlotBased | 0.3903 | -1.9 | 50.98 | 2.599 | 0 | Feasible |
| 15 | coordinated | 0.2632 | 31.3 | 53.24 | 1.422 | 0 | Feasible |
| 50 | Gurobi | 0.4159 | 0.0 | 0.01 | N/A | 0 | Feasible |
| 50 | PlotBased_QPU | 0.3598 | 13.5 | 266.87 | 7.926 | 1 | 1 viol. |
| 50 | Multilevel(10)_QPU | 0.2701 | 35.0 | 128.56 | 1.513 | 1 | 1 viol. |
| 50 | Louvain_QPU | 0.3557 | 14.5 | 263.06 | 10.103 | 0 | Feasible |
| 50 | cqm_first_PlotBased | 0.3866 | 7.0 | 236.08 | 7.715 | 0 | Feasible |
| 50 | coordinated | 0.3829 | 7.9 | 195.59 | 4.233 | 2 | 2 viol. |
| 100 | Gurobi | 0.4229 | 0.0 | 0.03 | N/A | 0 | Feasible |
| 100 | PlotBased_QPU | 0.3531 | 16.5 | 397.49 | 15.265 | 1 | 1 viol. |
| 100 | Multilevel(10)_QPU | 0.2645 | 37.5 | 198.32 | 2.847 | 0 | Feasible |
| 100 | Louvain_QPU | 0.3497 | 17.3 | 497.48 | 16.723 | 0 | Feasible |
| 100 | cqm_first_PlotBased | 0.2847 | 32.7 | 369.15 | 15.674 | 0 | Feasible |
| 100 | coordinated | 0.3604 | 14.8 | 328.92 | 8.622 | 0 | Feasible |
| 200 | Gurobi | 0.4264 | 0.0 | 0.14 | N/A | 0 | Feasible |
| 200 | Multilevel(10)_QPU | 0.2591 | 39.2 | 388.68 | 5.479 | 0 | Feasible |
| 200 | cqm_first_PlotBased | 0.2886 | 32.3 | 639.63 | 31.002 | 0 | Feasible |
| 200 | coordinated | 0.3720 | 12.8 | 591.38 | 16.699 | 5 | 5 viol. |
| 500 | Gurobi | 0.4285 | 0.0 | 0.14 | N/A | 0 | Feasible |
| 500 | Multilevel(10)_QPU | 0.2610 | 39.1 | 839.11 | 13.443 | 1 | 1 viol. |
| 500 | cqm_first_PlotBased | 0.3775 | 11.9 | 1773.77 | 76.333 | 0 | Feasible |
| 500 | coordinated | 0.3566 | 16.8 | 1459.92 | 42.250 | 6 | 6 viol. |
| 1000 | Gurobi | 0.4292 | 0.0 | 0.32 | N/A | 0 | Feasible |
| 1000 | Multilevel(10)_QPU | 0.2579 | 39.9 | 1632.70 | 26.833 | 0 | Feasible |
| 1000 | cqm_first_PlotBased | 0.2579 | 39.9 | 3495.37 | 153.229 | 0 | Feasible |
| 1000 | coordinated | 0.2926 | 31.8 | 3057.99 | 83.820 | 23 | 23 viol. |