

| Dataset | 5% CS | | | | | | GT |
|------------|----------------|----------------|----------------|----------------|----------------|--------------|---------|
| | PCCC | PCCC-N2-S-RD | COPKM | CSC | DILS | LCC | |
| n1000-k10 | 64.5 | 64.5 | 67.6 | 1,969.9 | 1,193.4 | 95.4 | 67.0 |
| n1000-k100 | 16.3 | 15.6 | 17.7 | 1,735.1 | 1,424.7 | – | 53.8 |
| n1000-k2 | 911.7 | 911.7 | 911.7 | 911.7 | 911.7 | 911.7 | 911.7 |
| n1000-k20 | 66.0 | 63.9 | 70.0 | 1,945.3 | 1,370.4 | 74.7 | 82.4 |
| n1000-k5 | 66.2 | 66.2 | – | 1,968.5 | 869.1 | 73.1 | 69.6 |
| n1000-k50 | 32.0 | 31.0 | 35.1 | 1,877.3 | 1,444.0 | 32.4 | 56.1 |
| n2000-k10 | 127.2 | 127.2 | 184.7 | 3,958.0 | 3,378.7 | 130.1 | 131.5 |
| n2000-k100 | 40.6 | 40.2 | 44.2 | 3,720.4 | 3,476.2 | 46.5 | 113.0 |
| n2000-k2 | 1,770.4 | 1,770.4 | 1,770.4 | 1,770.4 | 1,770.4 | 2,767.4 | 1,770.4 |
| n2000-k20 | 135.1 | 135.1 | 160.6 | 3,914.8 | 3,390.1 | 141.2 | 162.9 |
| n2000-k5 | 136.1 | 136.1 | 142.5 | 3,914.8 | 3,206.2 | 165.4 | 140.7 |
| n2000-k50 | 70.0 | 69.3 | 76.5 | 3,835.4 | 3,482.6 | 70.6 | 114.7 |
| n5000-k10 | 332.2 | 332.2 | – | 9,929.9 | 9,896.1 | 748.4 | 336.3 |
| n5000-k100 | 9,751.1 | 115.9 | 135.2 | 9,667.5 | 9,586.7 | 119.6 | 294.7 |
| n5000-k2 | 4,493.8 | 4,493.8 | – | 4,493.8 | 7,110.1 | 4,849.9 | 4,493.8 |
| n5000-k20 | 416.4 | 370.2 | – | 9,753.9 | 9,813.8 | 475.4 | 414.5 |
| n5000-k5 | 352.6 | 352.6 | 367.2 | 4,656.5 | 9,889.6 | 412.5 | 353.2 |
| n5000-k50 | 9,868.7 | 199.4 | 242.3 | 9,721.1 | 9,703.7 | 207.9 | 291.9 |
| n500-k10 | 31.9 | 31.9 | 59.9 | 972.8 | 402.0 | 31.9 | 33.6 |
| n500-k100 | 7.1 | 7.0 | 7.9 | 618.5 | 576.4 | 8.4 | 25.1 |
| n500-k2 | 449.7 | 449.7 | – | 993.9 | 474.4 | 449.7 | 449.7 |
| n500-k20 | 29.6 | 29.6 | 34.3 | 927.5 | 488.5 | 29.5 | 42.2 |
| n500-k5 | 32.3 | 32.3 | 48.4 | 983.6 | 220.0 | 32.9 | 34.4 |
| n500-k50 | 13.7 | 13.4 | 14.5 | 869.6 | 573.5 | 15.3 | 27.7 |
| Mean | 1,217.3 | 410.8 | – | 3,546.3 | 3,527.2 | – | 436.3 |

Table W91: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 5% CS. Lower values indicate more coherent clusters. The lowest values are stated in bold. The column KMEANS reports the minimum inertia value obtained with the k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 3,600 seconds.