|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| File name | Number of points | **MAP\_DAC2** | MAP\_DAC | MAP\_Greedy | MAP\_RAND | **MAP\_RS** |
| 0\_circle.txt | 50 | 1546.95 | 2205.22 | 2163.97 | 1421.74 | **1337.32** |
| 0\_grid.txt | 225 | **5073.6** | 7552.84 | 5893.04 | 6450.58 | 5136.01 |
| 0\_square.txt | 20 | 1649.18 | 2569.88 | 1783.53 | 1347.51 | **1275.03** |
| 1\_circle.txt | 100 | 1407.81 | 2478.42 | 1613.12 | 1285.63 | **1245.65** |
| 1\_grid.txt | 324 | **7509.8** | 10717.5 | 9285.85 | 9478.32 | 7556.45 |
| 1\_square.txt | 70 | 2029.32 | 2206.15 | 2844.91 | 1834.54 | **1613.95** |
| 2\_circle.txt | 150 | 1459.24 | 2173.04 | 2132.49 | 1606.34 | **1402.67** |
| 2\_grid.txt | 441 | **10196.1** | 14775.8 | 12771.9 | 12862.2 | 10229.6 |
| 2\_square.txt | 220 | 2022.32 | 3182.49 | 2937.25**\*** | 2242.83 | **1869.77** |
| 3\_circle.txt | 200 | 1565.39 | 2702.54 | 1597.23 | 1674.86 | **1398.37** |
| 3\_grid.txt | 576 | **13397.4** | 19157.1 | 18039.6 | 16774.6 | 13640.4 |
| 3\_square.txt | 470 | **1851.76** | 2916.31 | 2669.09 | 2294.82 | 1903.7 |
| 4\_circle.txt | 250 | 1534.87 | 2405.29 | 1873.09 | 1704.48 | **1466.64** |
| 4\_grid.txt | 729 | **16209.4** | 22362.3 | 20766.8**\*** | 21420.7 | 17387.4 |
| 4\_square.txt | 820 | **1881.42** | 2910.44 | 2708.03 | 2452.73 | 2018.38 |
| 5\_circle.txt | 300 | 1533.45 | 2192.7 | 2027.85 | 1805.44 | **1479.12** |
| 5\_grid.txt | 900 | **19876** | 28519.2 | 26701.5 | 26726.3 | 21612.8 |
| 5\_square.txt | 50 | 589.507 | 797.318 | 681.784 | 594.001 | **497.325** |
| 6\_circle.txt | 350 | **1441.19** | 2430.5 | 1901.1 | 1792.82 | 1475.15 |
| 6\_grid.txt | 330 | **6667.67** | 10850.5 | 9933.22**\*** | 8969.63 | 7247.62 |
| 6\_square.txt | 140 | 560.736 | 875.54 | 680.984 | 597.184 | **530.764** |
| 7\_circle.txt | 400 | **1397.47** | 2552.57 | 1923.42 | 1809.85 | 1492.82 |
| 7\_grid.txt | 360 | **7818.05** | 12676.4 | 10598.4**\*** | 9783.51 | 8104.49 |
| 7\_square.txt | 290 | 564.116 | 933.543 | 741.509 | 675.447 | **561.196** |
| 8\_circle.txt | 450 | **1485.48** | 2288.47 | 1966.1 | 1695.7 | 1515.07 |
| 8\_grid.txt | 390 | **7870.21** | 13452.7 | 11478.4 | 10362.4 | 8182.76 |
| 8\_square.txt | 500 | **548.995** | 973.862 | 772.515 | 701.326 | 573.593 |
| 9\_circle.txt | 500 | **1536.36** | 2544.76 | 2084.82 | 1819.55 | 1591.75 |
| 9\_grid.txt | 420 | 9318.83 | 13578.1 | 12283.1 | 11080.6 | **8967.92** |
| 9\_square.txt | 770 | **561.227** | 945.21 | 826.275**\*** | 718.896 | 567.384 |