

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 W80: 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.