

Dataset	15% CS						GT
	PCCC	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC	
n1000-k10	66.9	66.9	66.9	1,663.9	1,438.1	104.4	67.0
n1000-k100	24.4	21.9	28.1	1,695.3	1,490.1	24.0	53.8
n1000-k2	911.7	911.7	911.7	911.7	911.7	–	911.7
n1000-k20	77.2	77.2	–	1,877.4	1,732.2	130.3	82.4
n1000-k5	69.6	69.6	69.6	87.4	538.5	71.1	69.6
n1000-k50	44.3	41.1	58.9	1,813.6	1,536.0	43.8	56.1
n2000-k10	131.5	131.5	131.5	1,479.1	3,653.7	–	131.5
n2000-k100	3,634.2	64.7	83.1	3,464.4	3,532.3	67.9	113.0
n2000-k2	1,770.4	1,770.4	–	1,770.4	1,770.4	–	1,770.4
n2000-k20	160.8	160.8	166.4	3,684.0	3,814.1	275.5	162.9
n2000-k5	140.7	140.7	140.7	179.6	2,475.9	140.7	140.7
n2000-k50	152.1	102.8	–	3,534.4	3,748.2	126.3	114.7
n5000-k10	336.3	336.3	–	1,298.8	9,888.7	–	336.3
n5000-k100	388.2	254.4	–	8,950.1	9,689.8	313.8	294.7
n5000-k2	4,493.8	4,493.8	–	4,493.8	7,691.9	–	4,493.8
n5000-k20	414.5	414.5	420.9	7,212.5	9,905.5	–	414.5
n5000-k5	353.2	353.2	–	454.4	9,796.3	–	353.2
n5000-k50	285.0	287.9	–	9,279.9	9,845.0	–	291.9
n500-k10	33.5	33.5	–	947.0	464.1	34.8	33.6
n500-k100	8.5	8.4	9.7	707.4	592.8	10.0	25.1
n500-k2	449.7	449.7	449.7	449.7	449.7	449.7	449.7
n500-k20	41.8	36.2	59.3	910.6	591.0	44.8	42.2
n500-k5	34.1	34.1	34.1	377.7	122.7	36.8	34.4
n500-k50	16.8	16.0	20.3	831.7	582.7	20.4	27.7
Mean	585.0	428.2	–	2,419.8	3,594.2	–	436.3

Table W82: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 15% 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.