

Dataset	10% CS						GT
	PCCC	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC	
n1000-k10	66.2	66.2	–	1,947.0	1,483.3	74.0	67.0
n1000-k100	19.2	19.0	22.7	1,721.2	1,436.3	21.6	53.8
n1000-k2	911.7	911.7	911.7	911.7	911.7	911.7	911.7
n1000-k20	74.8	71.3	–	1,903.5	1,565.8	102.9	82.4
n1000-k5	69.1	69.1	71.9	1,478.1	583.1	79.2	69.6
n1000-k50	36.0	34.6	39.7	1,848.9	1,547.9	38.2	56.1
n2000-k10	130.7	130.7	–	3,777.9	3,785.8	270.5	131.5
n2000-k100	3,751.3	48.9	59.3	3,549.7	3,536.9	53.0	113.0
n2000-k2	1,770.4	1,770.4	1,770.4	1,770.4	1,770.4	1,770.4	1,770.4
n2000-k20	154.2	154.2	–	3,825.6	3,710.3	245.9	162.9
n2000-k5	140.7	140.7	140.7	253.9	2,451.2	153.6	140.7
n2000-k50	86.8	86.3	109.9	3,612.5	3,514.3	89.8	114.7
n5000-k10	336.1	336.1	–	4,694.4	9,918.7	–	336.3
n5000-k100	222.0	191.2	262.6	9,243.4	9,638.9	199.8	294.7
n5000-k2	4,493.8	4,493.8	–	4,493.8	7,600.1	–	4,493.8
n5000-k20	411.0	411.0	–	8,760.3	9,902.9	–	414.5
n5000-k5	353.2	353.2	–	454.4	9,914.4	–	353.2
n5000-k50	526.5	260.6	–	9,398.1	9,800.7	361.3	291.9
n500-k10	32.7	32.7	69.0	953.5	471.0	35.4	33.6
n500-k100	7.4	7.2	8.0	706.2	575.9	8.5	25.1
n500-k2	449.7	449.7	449.7	449.7	449.7	669.6	449.7
n500-k20	33.9	32.5	39.2	953.4	581.3	39.5	42.2
n500-k5	34.0	34.0	–	870.5	185.4	34.2	34.4
n500-k50	15.4	14.9	17.4	831.6	551.7	18.0	27.7
Mean	588.6	421.7	–	2,850.4	3,578.7	–	436.3

Table W82: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 10% 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.