Dataset	10% CS									
	PCCC	PCCC-N2-S	PCCC-N5-S	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC	KMEANS	GT
n500-k2	**449.7**	**449.7**	**449.7**	**449.7**	449.7	**449.7**	**449.7**	669.6	448.6	449.7
n500-k5	**34.0**	**34.0**	**34.0**	**34.0**	–	870.5	185.4	34.2	30.9	34.4
n500–k10	**32.7**	**32.7**	**32.7**	**32.7**	69.0	953.5	471.0	35.4	31.6	33.6
n500-k20	33.9	34.0	33.9	**32.5**	39.2	953.4	581.3	39.5	29.8	42.2
n500-k50	15.4	15.5	15.4	**14.9**	17.4	831.6	551.7	18.0	13.3	27.7
n500-k100	7.4	7.4	7.4	**7.2**	8.0	706.2	575.9	8.5	6.9	25.1
n1000-k2	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	910.7	911.7
n1000-k5	**69.1**	**69.1**	**69.1**	**69.1**	71.9	1,478.1	583.1	79.2	62.8	69.6
n1000-k10	**66.2**	**66.2**	**66.2**	**66.2**	–	1,947.0	1,483.3	74.0	71.2	67.0
n1000-k20	74.8	75.4	75.0	**71.3**	–	1,903.5	1,565.8	102.9	63.1	82.4
n1000-k50	36.0	36.6	36.0	**34.6**	39.7	1,848.9	1,547.9	38.2	29.7	56.1
n1000-k100	19.2	19.3	19.2	**19.0**	22.7	1,721.2	1,436.3	21.6	15.8	53.8
n2000-k2	**1,770.4**	**1,770.4**	**1,770.4**	**1,770.4**	**1,770.4**	**1,770.4**	**1,770.4**	**1,770.4**	1,763.0	1,770.4
n2000-k5	**140.7**	**140.7**	**140.7**	**140.7**	**140.7**	253.9	2,451.2	153.6	124.4	140.7
n2000-k10	**130.7**	**130.7**	**130.7**	**130.7**	–	3,777.9	3,785.8	270.5	123.2	131.5
n2000-k20	**154.2**	165.2	**154.2**	**154.2**	–	3,825.6	3,710.3	245.9	126.4	162.9
n2000-k50	86.8	89.1	86.7	**86.3**	109.9	3,612.5	3,514.3	89.8	63.9	114.7
n2000-k100	3,751.3	49.2	49.1	**48.9**	59.3	3,549.7	3,536.9	53.0	35.7	113.0
n5000-k2	**4,493.8**	**4,493.8**	**4,493.8**	**4,493.8**	–	**4,493.8**	7,600.1	–	4,485.9	4,493.8
n5000-k5	**353.2**	**353.2**	**353.2**	**353.2**	–	454.4	9,914.4	–	314.3	353.2
n5000-k10	**336.1**	**336.1**	**336.1**	**336.1**	–	4,694.4	9,918.7	–	312.8	336.3
n5000-k20	**411.0**	474.0	**411.0**	**411.0**	–	8,760.3	9,902.9	–	303.4	414.5
n5000-k50	526.5	264.5	274.3	**260.6**	–	9,398.1	9,800.7	361.3	163.3	291.9
n5000-k100	222.0	**187.1**	187.3	191.2	262.6	9,243.4	9,638.9	199.8	95.0	294.7
Mean	588.6	425.2	422.4	**421.7**	–	2,850.4	3,578.7	–	401.1	436.3

Table W82: Minimum Inertia values of the versions of the PCCC algorithm and the four state-of-the-art algorithms (COPKM, CSC, DILS, LCC) 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.