	15% CS									
Dataset	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**	**449.7**	448.6	449.7
n500-k5	**34.1**	**34.1**	**34.1**	**34.1**	**34.1**	377.7	122.7	36.8	30.9	34.4
n500–k10	**33.5**	**33.5**	**33.5**	**33.5**	–	947.0	464.1	34.8	31.6	33.6
n500-k20	41.8	40.3	41.8	**36.2**	59.3	910.6	591.0	44.8	29.8	42.2
n500-k50	16.8	17.2	16.8	**16.0**	20.3	831.7	582.7	20.4	13.3	27.7
n500-k100	8.5	8.6	8.5	**8.4**	9.7	707.4	592.8	10.0	6.9	25.1
n1000-k2	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	**911.7**	–	910.7	911.7
n1000-k5	**69.6**	**69.6**	**69.6**	**69.6**	**69.6**	87.4	538.5	71.1	62.8	69.6
n1000-k10	**66.9**	**66.9**	**66.9**	**66.9**	**66.9**	1,663.9	1,438.1	104.4	71.2	67.0
n1000-k20	77.2	**77.0**	77.2	77.2	–	1,877.4	1,732.2	130.3	63.1	82.4
n1000-k50	44.3	43.6	44.3	**41.1**	58.9	1,813.6	1,536.0	43.8	29.7	56.1
n1000-k100	24.4	22.3	22.2	**21.9**	28.1	1,695.3	1,490.1	24.0	15.8	53.8
n2000-k2	**1,770.4**	**1,770.4**	**1,770.4**	**1,770.4**	–	**1,770.4**	**1,770.4**	–	1,763.0	1,770.4
n2000-k5	**140.7**	**140.7**	**140.7**	**140.7**	**140.7**	179.6	2,475.9	**140.7**	124.4	140.7
n2000-k10	**131.5**	**131.5**	**131.5**	**131.5**	**131.5**	1,479.1	3,653.7	–	123.2	131.5
n2000-k20	**160.8**	163.9	**160.8**	**160.8**	166.4	3,684.0	3,814.1	275.5	126.4	162.9
n2000-k50	152.1	105.3	109.8	**102.8**	–	3,534.4	3,748.2	126.3	63.9	114.7
n2000-k100	3,634.2	66.0	65.5	**64.7**	83.1	3,464.4	3,532.3	67.9	35.7	113.0
n5000-k2	**4,493.8**	**4,493.8**	**4,493.8**	**4,493.8**	–	**4,493.8**	7,691.9	–	4,485.9	4,493.8
n5000-k5	**353.2**	**353.2**	**353.2**	**353.2**	–	454.4	9,796.3	–	314.3	353.2
n5000-k10	**336.3**	**336.3**	**336.3**	**336.3**	–	1,298.8	9,888.7	–	312.8	336.3
n5000-k20	**414.5**	451.6	**414.5**	**414.5**	420.9	7,212.5	9,905.5	–	303.4	414.5
n5000-k50	285.0	**282.8**	284.6	287.9	–	9,279.9	9,845.0	–	163.3	291.9
n5000-k100	388.2	**234.8**	246.5	254.4	–	8,950.1	9,689.8	313.8	95.0	294.7
Mean	585.0	429.4	428.5	**428.2**	–	2,419.8	3,594.2	–	401.1	436.3

Table W83: 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 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.