

Dataset	10% CS								
	PCCC	PCCC-N2-S	PCCC-N5-S	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC	KMEANS
n500-k2	0	0	0	0	0	0	0	101	8
n500-k5	0	0	0	0	–	227	2	11	89
n500-k10	0	2	0	0	0	121	5	19	18
n500-k20	0	0	0	0	0	63	2	18	29
n500-k50	0	0	0	0	0	15	1	2	17
n500-k100	0	0	0	0	0	9	0	1	11
n1000-k2	0	0	0	0	0	0	0	783	21
n1000-k5	0	0	0	0	0	520	123	83	107
n1000-k10	0	0	0	0	–	220	114	99	116
n1000-k20	0	2	0	0	–	119	52	108	108
n1000-k50	0	0	0	0	0	46	18	19	70
n1000-k100	0	0	0	0	0	13	8	7	39
n2000-k2	0	0	0	0	0	0	0	0	164
n2000-k5	0	0	0	0	0	1,522	1,943	128	1,126
n2000-k10	0	226	0	0	–	467	946	712	400
n2000-k20	0	77	3	0	–	324	454	519	465
n2000-k50	0	2	0	0	0	144	169	126	263
n2000-k100	0	1	0	0	0	38	92	49	159
n5000-k2	0	0	0	0	–	0	18,162	–	484
n5000-k5	0	0	0	0	–	10,146	17,502	–	2,634
n5000-k10	0	804	0	0	–	4,678	9,479	–	2,205
n5000-k20	0	1,133	0	0	–	1,678	4,865	–	2,884
n5000-k50	0	190	28	2	–	820	1,937	1,666	1,503
n5000-k100	0	50	0	2	0	433	952	632	1,035
Mean	0	104	1	0	–	900	2,368	–	581

Table W92: Average number of cannot-link constraint violations 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. The lowest values are stated in bold. The column KMEANS reports the average number of cannot-link constraint violations obtained with the k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 3.600 seconds.