

Dataset	5% CS								
	PCCC	PCCC-N2-S	PCCC-N5-S	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC	KMEANS
n500-k2	0	0	0	0	–	147	0	0	2
n500-k5	0	0	0	0	0	174	0	3	16
n500-k10	0	0	0	0	0	173	0	0	3
n500-k20	0	0	0	0	0	122	0	0	6
n500-k50	0	0	0	0	0	88	0	0	3
n500-k100	0	0	0	0	0	18	0	0	4
n1000-k2	0	0	0	0	0	0	0	0	9
n1000-k5	0	0	0	0	–	543	14	27	35
n1000-k10	0	1	0	0	0	314	10	19	35
n1000-k20	0	0	0	0	0	210	6	3	19
n1000-k50	0	0	0	0	0	98	5	2	21
n1000-k100	0	0	0	0	0	36	0	–	11
n2000-k2	0	0	0	0	0	0	0	446	46
n2000-k5	0	0	0	0	0	1,615	288	162	272
n2000-k10	0	0	0	0	0	853	152	43	98
n2000-k20	0	0	0	0	0	206	83	36	120
n2000-k50	0	0	0	0	0	87	36	8	69
n2000-k100	0	0	0	0	0	74	18	3	42
n5000-k2	0	0	0	0	–	0	4,082	302	113
n5000-k5	0	0	0	0	0	1,530	3,665	454	657
n5000-k10	0	0	0	0	–	1,593	1,974	1,974	568
n5000-k20	0	45	0	0	–	749	1,047	626	710
n5000-k50	0	0	0	0	0	258	426	147	371
n5000-k100	0	0	0	0	0	144	209	54	246
Mean	0	2	0	0	–	376	501	–	145

Table W91: Average number of cannot-link constraint violations of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 5% 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 1,800 seconds.