

Dataset	45% CS		KMEANS
	PCCC	PCCC-N2-S	
n300-k10-s10	11.0	0.8	0.0
n300-k10-s20	15.3	1.9	0.0
n300-k10-s30	15.7	2.3	0.0
n300-k10-s40	28.4	6.4	0.0
n300-k10-s50	195.1	19.2	0.0
n300-k20-s10	1,372.7	1.0	0.1
n300-k20-s20	3,608.2	7.0	0.0
n300-k20-s30	3,606.8	10.8	0.1
n300-k20-s40	3,616.5	12.0	0.0
n300-k20-s50	3,607.7	19.8	0.0
n300-k50-s10	1,170.3	0.9	0.1
n300-k50-s20	1,421.4	1.7	0.1
n300-k50-s30	1,369.3	1.0	0.1
n300-k50-s40	939.7	1.6	0.0
n300-k50-s50	355.3	1.5	0.1
Sum	21,333.5	88.0	0.8

Table W73: Average running times (in seconds) of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 45% CS. The lowest values are stated in bold. The column KMEANS reports the average running time of the unconstrained k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 3,600 seconds.