

Dataset	35% CS	
	PCCC	PCCC-N2-S
n300-k10-s10	20.9	1.7
n300-k10-s20	38.6	2.5
n300-k10-s30	49.1	2.3
n300-k10-s40	110.7	7.7
n300-k10-s50	266.5	7.9
n300-k20-s10	393.9	2.6
n300-k20-s20	1,094.6	3.4
n300-k20-s30	2,754.2	5.8
n300-k20-s40	3,610.3	7.6
n300-k20-s50	3,612.5	10.1
n300-k50-s10	187.1	2.4
n300-k50-s20	270.1	2.7
n300-k50-s30	274.5	2.6
n300-k50-s40	288.1	2.5
n300-k50-s50	278.4	2.6
Sum	13,249.5	64.4

Table W43: Average running times (in seconds) of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 35% 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.