Dataset	40% CS	
	PCCC	PCCC-N2-S
n300-k10-s10	37.2	**1.8**
n300-k10-s20	60.3	**1.6**
n300-k10-s30	62.5	**1.9**
n300-k10-s40	65.1	**8.6**
n300-k10-s50	158.9	**11.1**
n300-k20-s10	867.2	**1.8**
n300-k20-s20	1,992.7	**3.7**
n300-k20-s30	2,785.3	**6.3**
n300-k20-s40	3,619.1	**10.8**
n300-k20-s50	3,613.0	**14.8**
n300-k50-s10	351.0	**1.3**
n300-k50-s20	465.0	**1.1**
n300-k50-s30	386.7	**2.6**
n300-k50-s40	430.6	**1.8**
n300-k50-s50	485.3	**1.2**
Sum	15,379.9	**70.3**

Table W52: Average running times (in seconds) of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 40% 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.