Dataset	50% CS	
	PCCC	PCCC-N2-S
n300-k10-s10	32.9	**3.4**
n300-k10-s20	39.9	**2.7**
n300-k10-s30	30.8	**4.1**
n300-k10-s40	56.1	**20.1**
n300-k10-s50	69.4	**26.6**
n300-k20-s10	304.3	**2.7**
n300-k20-s20	3,381.5	**6.8**
n300-k20-s30	3,621.2	**17.4**
n300-k20-s40	3,623.2	**39.7**
n300-k20-s50	3,621.1	**34.7**
n300-k50-s10	551.7	**2.7**
n300-k50-s20	568.3	**2.3**
n300-k50-s30	588.3	**3.1**
n300-k50-s40	1,171.3	**3.4**
n300-k50-s50	1,173.4	**3.2**
Sum	18,833.2	**173.0**

Table W74: Average running times (in seconds) of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 50% 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.