Dataset	15% CS	
	PCCC	PCCC-N2-S
n300-k10-s10	3.5	**0.5**
n300-k10-s20	7.1	**0.8**
n300-k10-s30	7.5	**1.2**
n300-k10-s40	10.1	**1.4**
n300-k10-s50	8.1	**0.9**
n300-k20-s10	11.6	**0.6**
n300-k20-s20	13.4	**0.6**
n300-k20-s30	14.2	**0.8**
n300-k20-s40	14.8	**1.1**
n300-k20-s50	11.9	**0.9**
n300-k50-s10	16.5	**0.4**
n300-k50-s20	22.3	**0.6**
n300-k50-s30	20.7	**0.6**
n300-k50-s40	21.5	**0.5**
n300-k50-s50	20.5	**0.5**
Sum	203.7	**11.5**

Table W39: Average running times (in seconds) of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 15% 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.