| | 45% CS | |
Dataset	PCCC	PCCC-N2-S
n300-k10-s10	**0**	**0**
n300-k10-s20	**0**	**0**
n300-k10-s30	**0**	6
n300-k10-s40	**0**	25
n300-k10-s50	**0**	136
n300-k20-s10	**0**	32
n300-k20-s20	**0**	67
n300-k20-s30	**0**	79
n300-k20-s40	**0**	123
n300-k20-s50	**0**	127
n300-k50-s10	**0**	9
n300-k50-s20	**0**	15
n300-k50-s30	**0**	19
n300-k50-s40	**0**	21
n300-k50-s50	**0**	28
Mean	**0**	46

Table W69: Average number of cannot-link constraint violations 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 number of cannot-link constraint violations obtained with the k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 1,800 seconds.