

Dataset	10% CS					
	PCCC	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC
n1000-k10	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n1000-k100	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n1000-k2	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n1000-k20	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n1000-k5	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n1000-k50	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n2000-k10	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n2000-k100	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n2000-k2	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n2000-k20	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n2000-k5	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n2000-k50	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n5000-k10	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n5000-k100	<b>0</b>	2	—	<b>0</b>	—	—
n5000-k2	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n5000-k20	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n5000-k5	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n5000-k50	<b>0</b>	2	—	<b>0</b>	—	—
n500-k10	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n500-k100	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n500-k2	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n500-k20	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n500-k5	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
n500-k50	<b>0</b>	<b>0</b>	—	<b>0</b>	—	—
Mean	<b>0</b>	<b>0</b>	—*	<b>0</b>	—*	—*

\*Nan values (—) are ignored when computing the sum.

Table W97: Average number of cannot-link constraint violations of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 10% 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.