

| Dataset | 45% CS | |
|--------------|----------|-----------|
| | 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 W73: 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.