

| Dataset | 20% CS | |
|--------------|----------|-----------|
| | PCCC | PCCC-N2-S |
| n300-k10-s10 | 0 | 0 |
| n300-k10-s20 | 0 | 0 |
| n300-k10-s30 | 0 | 0 |
| n300-k10-s40 | 0 | 1 |
| n300-k10-s50 | 0 | 7 |
| n300-k20-s10 | 0 | 1 |
| n300-k20-s20 | 0 | 1 |
| n300-k20-s30 | 0 | 1 |
| n300-k20-s40 | 0 | 0 |
| n300-k20-s50 | 0 | 1 |
| n300-k50-s10 | 0 | 0 |
| n300-k50-s20 | 0 | 0 |
| n300-k50-s30 | 0 | 0 |
| n300-k50-s40 | 0 | 0 |
| n300-k50-s50 | 0 | 0 |
| Mean | 0 | 1 |

Table W58: Average number of cannot-link constraint violations of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 20% 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.