Dataset	50% CS			
	PCCC	PCCC-N2-S	KMEANS	GT
n300-k10-s10	**5.0**	**5.0**	4.9	5.0
n300-k10-s20	**19.3**	**19.3**	17.8	19.3
n300-k10-s30	41.5	**41.3**	33.9	41.5
n300-k10-s40	69.8	**66.8**	48.3	69.8
n300-k10-s50	102.0	**89.5**	58.1	102.0
n300-k20-s10	**6.2**	8.4	6.3	6.2
n300-k20-s20	**23.7**	24.2	16.3	24.0
n300-k20-s30	55.1	**41.1**	26.1	51.4
n300-k20-s40	146.9	**53.4**	31.4	85.6
n300-k20-s50	155.0	**62.7**	35.5	123.6
n300-k50-s10	**4.4**	4.7	3.3	3.9
n300-k50-s20	12.7	**11.7**	7.4	15.1
n300-k50-s30	17.8	**16.0**	9.2	32.6
n300-k50-s40	21.4	**17.3**	9.9	55.2
n300-k50-s50	23.9	**20.6**	10.8	81.1
Mean	47.0	**32.1**	21.3	47.7

Table W64: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 50% CS. Lower values indicate more coherent clusters. The lowest values are stated in bold. The column KMEANS reports the minimum inertia value obtained with the k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 3,600 seconds.