	40% CS			
	PCCC	PCCC-N2-S	KMEANS	GT
Dataset				
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	**41.3**	42.2	33.9	41.5
n300-k10-s40	69.0	**66.2**	48.3	69.8
n300-k10-s50	100.4	**88.2**	58.1	102.0
n300-k20-s10	**6.2**	7.1	6.3	6.2
n300-k20-s20	32.8	**24.5**	16.3	24.0
n300-k20-s30	55.5	**40.1**	26.1	51.4
n300-k20-s40	79.8	**48.2**	31.4	85.6
n300-k20-s50	97.1	**60.0**	35.5	123.6
n300-k50-s10	4.1	**3.9**	3.3	3.9
n300-k50-s20	10.7	**10.5**	7.4	15.1
n300-k50-s30	15.4	**15.3**	9.2	32.6
n300-k50-s40	18.5	**17.9**	9.9	55.2
n300-k50-s50	20.0	**19.9**	10.8	81.1
Mean	38.3	**31.2**	21.3	47.7

Table W42: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 40% 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.