Dataset	10% CS			
	PCCC	PCCC-N2-S	KMEANS	GT
n300-k10-s10	**4.9**	**4.9**	4.9	5.0
n300-k10-s20	**18.0**	**18.0**	17.8	19.3
n300-k10-s30	**34.6**	**34.6**	33.9	41.5
n300-k10-s40	52.5	**51.6**	48.3	69.8
n300-k10-s50	**64.5**	64.7	58.1	102.0
n300-k20-s10	**6.5**	**6.5**	6.3	6.2
n300-k20-s20	**17.1**	**17.1**	16.3	24.0
n300-k20-s30	**27.5**	**27.5**	26.1	51.4
n300-k20-s40	**34.2**	**34.2**	31.4	85.6
n300-k20-s50	**38.2**	**38.2**	35.5	123.6
n300-k50-s10	**3.5**	**3.5**	3.3	3.9
n300-k50-s20	**7.5**	**7.5**	7.4	15.1
n300-k50-s30	**9.4**	**9.4**	9.2	32.6
n300-k50-s40	**10.7**	**10.7**	9.9	55.2
n300-k50-s50	**11.3**	11.5	10.8	81.1
Mean	**22.7**	**22.7**	21.3	47.7

Table W36: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 10% 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.