Dataset	15% CS			
	PCCC	PCCC-N2-S	KMEANS	GT
n300-k10-s10	**4.9**	**4.9**	4.9	5.0
n300-k10-s20	**18.3**	**18.3**	17.8	19.3
n300-k10-s30	**36.7**	**36.7**	33.9	41.5
n300-k10-s40	**55.2**	55.3	48.3	69.8
n300-k10-s50	**71.2**	73.4	58.1	102.0
n300-k20-s10	**6.6**	**6.6**	6.3	6.2
n300-k20-s20	**18.8**	**18.8**	16.3	24.0
n300-k20-s30	**27.6**	28.0	26.1	51.4
n300-k20-s40	36.9	**36.0**	31.4	85.6
n300-k20-s50	**38.3**	**38.3**	35.5	123.6
n300-k50-s10	**3.6**	**3.6**	3.3	3.9
n300-k50-s20	7.9	**7.8**	7.4	15.1
n300-k50-s30	**9.7**	**9.7**	9.2	32.6
n300-k50-s40	**10.9**	**10.9**	9.9	55.2
n300-k50-s50	**11.7**	**11.7**	10.8	81.1
Mean	**23.9**	24.0	21.3	47.7

Table W37: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 15% 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.