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**	**55.2**	48.3	69.8
n300-k10-s50	**69.6**	69.9	58.1	102.0
n300-k20-s10	**6.6**	**6.6**	6.3	6.2
n300-k20-s20	18.0	**17.9**	16.3	24.0
n300-k20-s30	**29.2**	**29.2**	26.1	51.4
n300-k20-s40	36.0	**35.4**	31.4	85.6
n300-k20-s50	**40.0**	40.9	35.5	123.6
n300-k50-s10	**3.4**	**3.4**	3.3	3.9
n300-k50-s20	8.1	**8.0**	7.4	15.1
n300-k50-s30	**9.8**	**9.8**	9.2	32.6
n300-k50-s40	**10.6**	10.7	9.9	55.2
n300-k50-s50	**11.8**	**11.8**	10.8	81.1
Mean	**23.9**	**23.9**	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.