Dataset	25% CS		KMEANS	GT
	PCCC	PCCC-N2-S		
n300-k10-s10	**5.0**	**5.0**	4.9	5.0
n300-k10-s20	**19.1**	**19.1**	17.8	19.3
n300-k10-s30	**40.0**	40.2	33.9	41.5
n300-k10-s40	64.5	**64.2**	48.3	69.8
n300-k10-s50	90.0	**84.0**	58.1	102.0
n300-k20-s10	8.3	**7.1**	6.3	6.2
n300-k20-s20	22.8	**21.5**	16.3	24.0
n300-k20-s30	35.4	**34.8**	26.1	51.4
n300-k20-s40	**43.7**	44.1	31.4	85.6
n300-k20-s50	**49.6**	51.8	35.5	123.6
n300-k50-s10	**3.7**	**3.7**	3.3	3.9
n300-k50-s20	**8.9**	**8.9**	7.4	15.1
n300-k50-s30	12.2	**11.9**	9.2	32.6
n300-k50-s40	13.4	**13.2**	9.9	55.2
n300-k50-s50	**14.4**	14.6	10.8	81.1
Mean	28.7	**28.3**	21.3	47.7

Table W39: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 25% 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.