

Dataset	35% CS		KMEANS	GT
	PCCC	PCCC-N2-S		
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	41.4	40.9	33.9	41.5
n300-k10-s40	69.2	66.4	48.3	69.8
n300-k10-s50	100.4	88.7	58.1	102.0
n300-k20-s10	6.2	8.0	6.3	6.2
n300-k20-s20	22.8	23.8	16.3	24.0
n300-k20-s30	43.6	37.3	26.1	51.4
n300-k20-s40	68.1	51.2	31.4	85.6
n300-k20-s50	80.1	58.5	35.5	123.6
n300-k50-s10	4.2	4.1	3.3	3.9
n300-k50-s20	9.8	9.9	7.4	15.1
n300-k50-s30	12.8	13.1	9.2	32.6
n300-k50-s40	14.4	15.0	9.9	55.2
n300-k50-s50	16.3	16.2	10.8	81.1
Mean	34.2	30.5	21.3	47.7

Table W41: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 35% 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.