

Dataset	5% CS		KMEANS	GT
	PCCC	PCCC-N2-S		
n300-k10-s10	4.9	4.9	4.9	5.0
n300-k10-s20	18.2	18.2	17.8	19.3
n300-k10-s30	34.6	34.6	33.9	41.5
n300-k10-s40	51.0	51.0	48.3	69.8
n300-k10-s50	60.6	60.6	58.1	102.0
n300-k20-s10	6.3	6.3	6.3	6.2
n300-k20-s20	16.4	16.4	16.3	24.0
n300-k20-s30	25.7	25.7	26.1	51.4
n300-k20-s40	33.7	33.7	31.4	85.6
n300-k20-s50	36.2	36.2	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	9.2	9.2	9.2	32.6
n300-k50-s40	10.8	10.8	9.9	55.2
n300-k50-s50	11.2	11.2	10.8	81.1
Mean	22.0	22.0	21.3	47.7

Table W55: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 5% 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.