

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	40.1	40.9	33.9	41.5
n300-k10-s40	64.5	64.3	48.3	69.8
n300-k10-s50	90.0	83.3	58.1	102.0
n300-k20-s10	8.3	6.9	6.3	6.2
n300-k20-s20	22.4	21.6	16.3	24.0
n300-k20-s30	35.3	35.4	26.1	51.4
n300-k20-s40	45.0	47.9	31.4	85.6
n300-k20-s50	51.3	52.4	35.5	123.6
n300-k50-s10	3.9	3.9	3.3	3.9
n300-k50-s20	9.0	8.7	7.4	15.1
n300-k50-s30	12.1	11.9	9.2	32.6
n300-k50-s40	13.6	14.0	9.9	55.2
n300-k50-s50	14.1	14.1	10.8	81.1
Mean	28.9	28.6	21.3	47.7

Table W53: 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.