

Dataset	45% CS		KMEANS	GT
	PCCC	PCCC-N2-S		
n300-k10-s10	<b>5.0</b>	<b>5.0</b>	4.9	5.0
n300-k10-s20	<b>19.3</b>	<b>19.3</b>	17.8	19.3
n300-k10-s30	<b>41.5</b>	<b>41.5</b>	33.9	41.5
n300-k10-s40	69.7	<b>66.9</b>	48.3	69.8
n300-k10-s50	101.3	<b>87.7</b>	58.1	102.0
n300-k20-s10	<b>6.1</b>	7.2	6.3	6.2
n300-k20-s20	39.6	<b>23.4</b>	16.3	24.0
n300-k20-s30	60.2	<b>39.9</b>	26.1	51.4
n300-k20-s40	93.4	<b>54.2</b>	31.4	85.6
n300-k20-s50	111.1	<b>59.4</b>	35.5	123.6
n300-k50-s10	5.0	<b>4.8</b>	3.3	3.9
n300-k50-s20	12.5	<b>11.6</b>	7.4	15.1
n300-k50-s30	<b>16.0</b>	16.4	9.2	32.6
n300-k50-s40	18.8	<b>16.4</b>	9.9	55.2
n300-k50-s50	21.1	<b>19.6</b>	10.8	81.1
Mean	41.4	<b>31.5</b>	21.3	47.7

Table W43: Minimum Inertia values of the PCCC and the PCCC-N2-S algorithms for the constraint sets of size 45% 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.