Dataset	25% CS		
	PCCC	PCCC-N2-S	KMEANS
n300-k10-s10	**1.000**	**1.000**	0.985
n300-k10-s20	**0.975**	**0.975**	0.823
n300-k10-s30	0.907	**0.911**	0.689
n300-k10-s40	**0.829**	0.780	0.497
n300-k10-s50	**0.728**	0.569	0.346
n300-k20-s10	0.817	**0.830**	0.813
n300-k20-s20	**0.550**	0.531	0.514
n300-k20-s30	**0.392**	0.375	0.344
n300-k20-s40	**0.253**	0.247	0.241
n300-k20-s50	**0.186**	0.172	0.180
n300-k50-s10	**0.716**	0.713	0.730
n300-k50-s20	**0.400**	0.399	0.365
n300-k50-s30	0.226	**0.232**	0.211
n300-k50-s40	0.135	**0.136**	0.129
n300-k50-s50	0.093	**0.096**	0.088
Mean	**0.547**	0.531	0.464

Table W29: Average Adjusted Rand Index (ARI) values of the PCCC and the PCCC-N2-S algorithms obtained with constraint sets of size 25% CS. Higher values indicate more overlap with the ground truth assignment. The highest values are stated in bold. The column KMEANS reports the average ARI values that were obtained with the unconstrained k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 3,600 seconds.