| | Objects | Features | Clusters | 0% CS | | | | | |
Dataset				PCCC-N2-S	COPKM	LCC	CSC	DILS	KMEANS
ba–a	5,300	2	2	0.018	0.018	–	**0.030**	0.008	0.017
letter	20,000	16	26	0.150	**0.156**	–	–	0.000	0.149
shuttle	57,999	9	7	0.374	**0.429**	–	–	–	0.411
cifar10	60,000	3,072	10	**0.040**	–	–	–	–	0.040
cifar100	60,000	3,072	100	**0.020**	–	–	–	–	0.021
mnist	70,000	784	10	**0.292**	0.199	–	–	–	0.312
Mean				**0.149**	0.134*	0.000*	0.005*	0.001*	0.159

*Nan values (−) are replaced with 0 before computing the mean.

Table W5: Average Adjusted Rand Index (ARI) values of the PCCC and the PCCC-R algorithms and the four state-of-the-art algorithms (COPKM, CSC, DILS, LCC) obtained with constraint sets of size 0% 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 1,800 seconds.