			0.5% CS										
Dataset	Objects	Features	Clusters	PCCC-N2-S	PCCC-N3-S	PCCC-N4-S	PCCC-N5-S	PCCC-N6-S	PCCC-N2-S-RD	COPKM	LCC	CSC	DILS	KMEAN
Banana	5,300	2	2	5.8	6.5	5.9	6.0	**5.3**	19.7	–	94.1	4,415.0	3,622.2	0
Letter	20,000	16	26	**65.4**	110.1	134.5	165.1	134.7	297.0	846.1	3,642.4	–	4,459.9	0
Shuttle	57,999	9	7	**15.4**	49.9	63.1	73.7	89.1	63.3	–	4,926.2	–	–	0
CIFAR-10	60,000	3,072	10	745.7	**705.8**	1,551.7	1,773.4	2,548.4	2,063.8	–	–	–	–	16
CIFAR-100	60,000	3,072	100	**3,607.4**	3,623.0	3,623.4	3,628.8	3,616.9	3,613.3	–	–	–	–	86
MNIST	70,000	784	10	**512.0**	1,400.4	1,745.2	2,172.2	2,115.4	1,156.2	3,884.6	–	–	–	4
Sum				**4,951.8**	5,895.7	7,123.8	7,819.2	8,509.8	7,213.3	19,130.7*	19,462.7*	22,415.0*	22,482.1*	108

*Nan values (–) are replaced with 3,600 before computing the sum.

Table W117: Average running times (in seconds) of the versions of the PCCC algorithm and the four state-of-the-art algorithms (COPKM, CSC, DILS, LCC) for the constraint sets of size 0.5% CS. Higher values indicate better separated clusters. The lowest values are stated in bold. The column KMEANS reports the average running time of the unconstrained k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 1,800 seconds.