			5% CS					
Dataset	Objects	Features	Clusters	PCCC-N2-S	PCCC-N2-S-RD	COPKM	LCC	CSC	DILS
Banana	5,300	2	2	**0.3**	**0.3**	–	–	4,386.9	4,283.3
Letter	20,000	16	26	**128.0**	751.7	–	–	–	4,109.1
Shuttle	57,999	9	7	**24.1**	25.6	–	–	–	–
CIFAR-10	60,000	3,072	10	22.2	**22.0**	–	–	–	–
CIFAR-100	60,000	3,072	100	**681.2**	3,147.0	–	–	–	–
MNIST	70,000	784	10	**26.7**	26.9	–	–	–	–
Sum				**882.5**	3,973.5	21,600.0*	21,600.0*	22,386.9*	22,792.4*

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

Table W111: Average running times (in seconds) of the PCCC and the PCCC-R algorithms and the four state-of-the-art algorithms (COPKM, CSC, DILS, LCC) for the constraint sets of size 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.