

0.5% CS														
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	KMEANS	
Dataset														
Bananas	5,300	2	0	0	0	0	0	0	0	–	–	0	–	
Letter	20,000	16	0	0	0	0	0	0	0	–	–	–	–	
Shuttle	57,999	9	4	0	0	0	0	0	0	–	–	–	–	
CIFAR10	60,000	3,072	0	0	0	0	0	0	0	–	–	–	–	
CIFAR100	60,000	3,072	0	0	0	0	0	0	0	–	–	–	–	
MNIST	70,000	784	0	0	0	0	0	0	0	–	–	–	–	
Mean			1	0	0	0	0	0	0	–*	–*	0*	–	

\*Nan values (–) are ignored when computing the sum.

Table W113: Average number of cannot-link constraint violations 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. The lowest values are stated in bold. The column KMEANS reports the average number of cannot-link constraint violations obtained with the k-means algorithm. The hyphen indicates that the respective algorithm returned no solution within the time limit of 1,800 seconds.