	15% CS					
	PCCC	PCCC-N2-S-RD	COPKM	CSC	DILS	LCC
Dataset						
n1000-k10	**0.996**	**0.996**	**0.996**	0.066	0.091	0.715
n1000-k100	0.279	**0.283**	0.266	0.003	0.008	0.280
n1000-k2	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	–
n1000-k20	**0.889**	0.888	–	0.009	0.021	0.485
n1000-k5	**1.000**	**1.000**	**1.000**	0.724	0.676	0.985
n1000-k50	0.496	**0.538**	0.414	0.007	0.014	0.464
n2000-k10	**1.000**	**1.000**	**1.000**	0.402	0.020	–
n2000-k100	0.046	**0.343**	0.290	0.005	0.003	0.296
n2000-k2	**1.000**	**1.000**	–	**1.000**	**1.000**	–
n2000-k20	**0.975**	**0.975**	0.951	0.031	0.006	0.601
n2000-k5	**1.000**	**1.000**	**1.000**	0.729	0.233	**1.000**
n2000-k50	0.555	**0.728**	–	0.010	0.004	0.437
n5000-k10	**1.000**	**1.000**	–	0.736	0.002	–
n5000-k100	0.512	**0.636**	–	0.012	0.001	0.341
n5000-k2	**1.000**	**1.000**	–	**1.000**	0.390	–
n5000-k20	**1.000**	**1.000**	0.996	0.084	0.001	–
n5000-k5	**1.000**	**1.000**	–	0.731	0.007	–
n5000-k50	**0.951**	0.940	–	0.016	0.000	–
n500–k10	**0.982**	**0.982**	–	0.026	0.323	0.938
n500-k100	0.245	0.243	0.224	0.006	0.019	**0.248**
n500-k2	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**	**1.000**
n500-k20	0.640	**0.778**	0.537	0.005	0.079	0.556
n500-k5	**0.995**	**0.995**	**0.995**	0.430	0.878	0.925
n500-k50	0.447	**0.458**	0.398	0.002	0.032	0.407
Mean	0.792	**0.824**	0.461*	0.335	0.242	0.403*

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

Table W78: Average Adjusted Rand Index (ARI) values of the versions of the PCCC algorithm and the four state-of-the-art algorithms (COPKM, CSC, DILS, LCC) obtained with constraint sets of size 15% 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.