

Fask K means

Implementation of fast kmeans algorithm. The algorithm could not find the correct centroids in most cases. However k-means is not considered that effective and when it is used in cooperation with random swap the results are much better.

Dataset	TSE	TIME (s)	CI	SUCCESS
A1	19483593920.00	7.90	2.40	0.01
A2	3711911495.00	25.64	4.47	0
A3	49336617169.00	50.19	6.56	0
S1	18203831063700.00	8.00	1.74	0.02
S2	20491195026100.00	8.37	1.57	0.08
S3	19394341112300.00	12.66	1.16	0.11
S4	17187615084000.00	13.19	0.95	0.18
DIM032	18589410.00	0.47	3.89	0
UNBALANCE	2172186853830.00	8.17	3.96	0