

mkaTimeSeries
Mathieu Lagrange
September 10, 2014

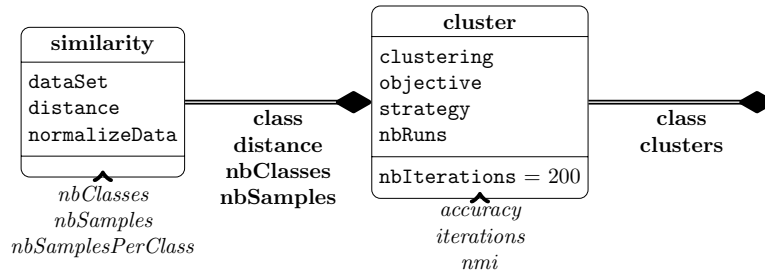


Figure 1: Factors flow graph for the experiment.

clustering	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
kAverages	70.72±0.78	60.09±0.94	32.35±2.08	50.88±2.91	0.18±0.07	41.09±5.45	54.31±26.46	31.08±1.29	35.37±0.84	31.01±1.37	64.98±10.48	15.38±0.00	4.06±6.06	74.29±1.29	71.71±10.16	77.30±0.00
kkMeans	70.11±0.93	62.18±0.97	29.08±3.35	51.32±4.06	0.20±0.05	43.76±7.53	47.93±32.09	29.38±1.92	35.38±2.00	29.80±1.38	81.26±9.54	13.73±3.38	2.19±1.79	77.43±2.86	66.55±8.52	77.20±0.00

Table 1: distance: dtw, normalizedData: 1, objective: object, strategy: p, nbRuns: 20

clustering	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
kAverages	1	0	1	0	0	0	1	0	1	0	1	0	1	1	1	1	1	0	1	0	0	0	0	1	1	0	1	0	1	1	0	1	0	1	1	1	1	1	0	1	1	0	
kkMeans	0	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1

Table 2: distance: dtw, normalizedData: 1, objective: object, strategy: p, nbRuns: 20

clustering	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	
kAverages	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0
kkMeans	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0

Table 3: distance: dtw, normalizedData: 1, objective: object, strategy: p, nbRuns: 20