mkaTimeSeries Mathieu Lagrange October 15, 2014

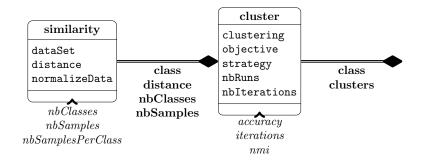


Figure 1: Factors flow graph for the experiment.

clustering	objective	strategy	better
kAverages	raw	p	23
kAverages	raw	b	16
kAverages	raw	m	24
kAverages	object	p	30
kAverages	object	b	26
kAverages	object	m	26
kkMeans			О
kMeans			20

Table 1: nbIterations: 200, distance: dtw, normalizeData: 0, nbRuns: 20 in accuracy

clustering	objective	strategy	better
kAverages	raw	p	24
kAverages	raw	b	15
kAverages	raw	m	23
kAverages	object	p	33
kAverages	object	b	31
kAverages	object	m	31
kkMeans			O
kMeans			17

Table 2: nbIterations: 200, distance: dtw, normalizeData: 0, nbRuns: 20 in nmi

References

clustering objectiv	ve strate	gy Better	Table 3: nbIterations: 200, distance:
kAverages raw	р	11	dtw, normalizeData: 0, nbRuns: 20 in accuracy
kAverages raw	b	7	accuracy
kAverages raw	m	11	
kAverages object	р	7	
kAverages object	b	3	
kAverages object	m	3	
kkMeans		0	
kMeans		7	
aluatanina ahiaatiy	ro obvoko	ov. Potton	Table u phitomaticus; see distance
clustering objectiv			Table 4: nbIterations: 200, distance: dtw, normalizeData: 0, nbRuns: 20 in
kAverages raw	p b	11	nmi
kAverages raw	b	7	
kAverages raw	m	11	
kAverages object	p	11	
kAverages object	b	6	
kAverages object	m	6	
kkMeans		0	
kMeans		6	
clustering ob kAverages ra kAverages ob kkMeans	W	best 16 14 13	Table 5: nbIterations: 200, distance: dtw, normalizeData: 0, strategy: p, nbRuns: 20 in accuracy
clustering ob kAverages ra kAverages ob kkMeans	W	neest 14 16 13	Table 6: nbIterations: 200, distance: dtw, normalizeData: o, strategy: p, nbRuns: 20 in nmi
clustering ob kAverages ra kAverages ob kkMeans	W	Best 16 14 14	Table 7: nbIterations: 200, distance: dtw, normalizeData: 0, strategy: p, nbRuns: 20 in accuracy
clustering ob kAverages ra kAverages ob	W	Best 14 16	Table 8: nbIterations: 200, distance: dtw, normalizeData: 0, strategy: p, nbRuns: 20 in nmi

kkMeans

13