



Figure 1: Factors flow graph for the experiment.

id	nbClasses	nbSamples	nbSamplesPerClass
7	2	56	28±1
12	2	200	100±47
13	2	884	442±0
17	2	200	100±0
20	2	1096	548±1
21	2	121	60±18
25	2	1272	636±69
28	2	621	310±54
29	2	980	490±161
34	2	1162	581±0
42	2	7164	3582±3988
43	2	3300	1650±170

Table 1: Morphology of the datasets

References

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clustering	kAverages	kkMeans	kMeans
Coffee	54±26	48±32	48±12
ECG200	15±0*	14±3	12±2
ECGFiveDays	4±6	2±2	0±0
Gun_Point	0*	0*	0*
ItalyPowerDemand	0±0	1±0*	0±0
Lighting2	1±0	1±0	3±0*
MoteStrain	41±0	52±0*	30±0
SonyAIBORobotSurface	72±1	78±0*	55±21
SonyAIBORobotSurfaceII	22	21	24*
TwoLeadECG	7±0*	7±0	0±0
wafer	0	0	0*
yoga	0±0	0±0	0±0

Table 2: nbIterations: 200, distance: dtw, normalizeData: 1, objective: object, strategy: p, nbRuns: 20