

experimentsForPaper2

Algorithm	DatasetName	Accuracy	Time
TSCMP	Adiac	0.03	103.08
ShapeletTransformation	Adiac	0.49	2083.1
Decision Tree with Shapelet	Adiac	0.02	23.9
KNN	Adiac	0.26	0.01
Decision tree classifier	Adiac	0.19	0.16
LearningShapelets	Adiac	0.1	131.78
TSCMP	BirdChicken	0.8	3.11
ShapeletTransformation	BirdChicken	0.75	60.11
Decision Tree with Shapelet	BirdChicken	0.5	2.42
KNN	BirdChicken	0.45	0.0
Decision tree classifier	BirdChicken	0.5	0.0
LearningShapelets	BirdChicken	0.7	61.27
TSCMP	Coffee	0.93	3.55
ShapeletTransformation	Coffee	0.89	30.41
Decision Tree with Shapelet	Coffee	0.54	2.28
KNN	Coffee	0.89	0.0
Decision tree classifier	Coffee	0.54	0.0
LearningShapelets	Coffee	0.75	45.12
TSCMP	Earthquakes	0.74	1574.63
ShapeletTransformation	Earthquakes	0.64	4698.97
Decision Tree with Shapelet	Earthquakes	0.73	1375.83
KNN	Earthquakes	0.74	0.02
Decision tree classifier	Earthquakes	0.68	0.06
LearningShapelets	Earthquakes	0.73	493.71
TSCMP	FaceFour	0.24	49.48
ShapeletTransformation	FaceFour	0.78	43.27
Decision Tree with Shapelet	FaceFour	0.16	45.92
KNN	FaceFour	0.68	0.0
Decision tree classifier	FaceFour	0.16	0.0
LearningShapelets	FaceFour	0.59	53.64
TSCMP	Fish	0.26	51.57
ShapeletTransformation	Fish	0.71	1410.35
Decision Tree with Shapelet	Fish	0.13	18.97
KNN	Fish	0.75	0.01
Decision tree classifier	Fish	0.46	0.05
LearningShapelets	Fish	0.38	212.64
TSCMP	MedicalImages	0.21	84.61
ShapeletTransformation	MedicalImages	0.58	410.12
Decision Tree with Shapelet	MedicalImages	0.08	18.77
KNN	MedicalImages	0.63	0.01
Decision tree classifier	MedicalImages	0.57	0.03
LearningShapelets	MedicalImages	0.56	72.25
TSCMP	OliveOil	0.13	5.39
ShapeletTransformation	OliveOil	0.73	120.57
Decision Tree with Shapelet	OliveOil	0.4	3.96
KNN	OliveOil	0.83	0.0
Decision tree classifier	OliveOil	0.4	0.0
LearningShapelets	OliveOil	0.63	75.26
TSCMP	Plane	0.85	23.27
ShapeletTransformation	Plane	0.94	97.6
Decision Tree with Shapelet	Plane	0.13	5.74
KNN	Plane	0.97	0.0

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Decision tree classifier	Plane	0.51	0.01
LearningShapelets	Plane	0.63	43.87
TSCMP	Strawberry	0.87	122.8
ShapeletTransformation	Strawberry	0.93	3633.38
Decision Tree with Shapelet	Strawberry	0.64	44.37
KNN	Strawberry	0.94	0.02
Decision tree classifier	Strawberry	0.88	0.06
LearningShapelets	Strawberry	0.89	247.72
TSCMP	Symbols	0.33	45.25
ShapeletTransformation	Symbols	0.7	73.44
Decision Tree with Shapelet	Symbols	0.17	41.06
KNN	Symbols	0.76	0.0
Decision tree classifier	Symbols	0.17	0.0
LearningShapelets	Symbols	0.64	47.76
TSCMP	Trace	0.98	20.14
ShapeletTransformation	Trace	0.93	196.98
Decision Tree with Shapelet	Trace	0.67	7.64
KNN	Trace	0.74	0.0
Decision tree classifier	Trace	0.72	0.01
LearningShapelets	Trace	0.89	63.23
TSCMP	TwoLeadECG	0.77	2.46
ShapeletTransformation	TwoLeadECG	0.89	5.03
Decision Tree with Shapelet	TwoLeadECG	0.5	1.12
KNN	TwoLeadECG	0.58	0.0
Decision tree classifier	TwoLeadECG	0.5	0.0
LearningShapelets	TwoLeadECG	0.88	23.18
TSCMP	Wafer	0.94	609.83
ShapeletTransformation	Wafer	0.97	4107.69
Decision Tree with Shapelet	Wafer	0.89	378.04
KNN	Wafer	0.99	0.03
Decision tree classifier	Wafer	0.97	0.06
LearningShapelets	Wafer	0.93	222.02
TSCMP	Wine	0.61	10.05
ShapeletTransformation	Wine	0.56	48.71
Decision Tree with Shapelet	Wine	0.5	4.01
KNN	Wine	0.72	0.0
Decision tree classifier	Wine	0.74	0.0
LearningShapelets	Wine	0.69	45.19
TSCMP	WordSynonyms	0.03	72.22
ShapeletTransformation	WordSynonyms	0.24	1693.22
Decision Tree with Shapelet	WordSynonyms	0.04	20.28
KNN	WordSynonyms	0.58	0.01
Decision tree classifier	WordSynonyms	0.27	0.12
LearningShapelets	WordSynonyms	0.25	153.4
TSCMP	Worms	0.21	61.31
ShapeletTransformation	Worms	0.53	5334.4
Decision Tree with Shapelet	Worms	0.38	36.15
KNN	Worms	0.35	0.02
Decision tree classifier	Worms	0.29	0.07
LearningShapelets	Worms	0.44	671.04
TSCMP	WormsTwoClass	0.68	60.08
ShapeletTransformation	WormsTwoClass	0.71	4945.81
Decision Tree with Shapelet	WormsTwoClass	0.43	35.86

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KNN	WormsTwoClass	0.61	0.02
Decision tree classifier	WormsTwoClass	0.52	0.05
LearningShapelets	WormsTwoClass	0.65	708.29
TSCMP	Yoga	0.56	79.32
ShapeletTransformation	Yoga	0.71	2926.08
Decision Tree with Shapelet	Yoga	0.52	30.79
KNN	Yoga	0.79	0.02
Decision tree classifier	Yoga	0.6	0.05
LearningShapelets	Yoga	0.62	294.24
TSCMP	ArrowHead	0.53	6.39
ShapeletTransformation	ArrowHead	0.5	38.47
Decision Tree with Shapelet	ArrowHead	0.39	2.67
KNN	ArrowHead	0.64	0.0
Decision tree classifier	ArrowHead	0.39	0.0
LearningShapelets	ArrowHead	0.6	34.87
TSCMP	ECG200	0.78	16.3
ShapeletTransformation	ECG200	0.75	28.85
Decision Tree with Shapelet	ECG200	0.64	4.77
KNN	ECG200	0.85	0.0
Decision tree classifier	ECG200	0.76	0.0
LearningShapelets	ECG200	0.62	32.89
TSCMP	ECG5000	0.91	86.87
ShapeletTransformation	ECG5000	0.9	1002.37
Decision Tree with Shapelet	ECG5000	0.46	28.04
KNN	ECG5000	0.87	0.01
Decision tree classifier	ECG5000	0.9	0.04
LearningShapelets	ECG5000	0.91	114.47
TSCMP	GunPoint	0.91	7.64
ShapeletTransformation	GunPoint	0.84	22.97
Decision Tree with Shapelet	GunPoint	0.73	2.85
KNN	GunPoint	0.85	0.0
Decision tree classifier	GunPoint	0.63	0.0
LearningShapelets	GunPoint	0.66	34.71
TSCMP	ItalyPowerDemand	0.92	6.93
ShapeletTransformation	ItalyPowerDemand	0.92	1.54
Decision Tree with Shapelet	ItalyPowerDemand	0.53	2.21
KNN	ItalyPowerDemand	0.93	0.0
Decision tree classifier	ItalyPowerDemand	0.97	0.0
LearningShapelets	ItalyPowerDemand	0.57	23.26
TSCMP	PhalangesOutlinesCorrect	0.65	650.15
ShapeletTransformation	PhalangesOutlinesCorrect	0.68	3551.72
Decision Tree with Shapelet	PhalangesOutlinesCorrect	0.62	219.42
KNN	PhalangesOutlinesCorrect	0.66	0.02
Decision tree classifier	PhalangesOutlinesCorrect	0.69	0.07
LearningShapelets	PhalangesOutlinesCorrect	0.67	204.15
TSCMP	ElectricDevices	0.28	4659.48
Decision Tree with Shapelet	ElectricDevices	0.36	2018.03
KNN	ElectricDevices	0.53	0.23
Decision tree classifier	ElectricDevices	0.47	0.97
LearningShapelets	ElectricDevices	0.55	904.26

Parametri utilizzati					
Candidates	Max depth	Min samples	Window size	Remove candi	k
Discords		3	20	20	1 2

NumCluster(Medoids)
20