SCMP	Algorithm	DatasetName	Accuracy	Time
Decision Tree with Shapelet KNN Adiac 0.26 0.01 KNN Adiac 0.26 0.01 Decision tree classifier Adiac 0.18 0.16 TSCMP BirdChicken 0.55 3.19 ShapeletTransformation BirdChicken 0.5 2.47 KNN BirdChicken 0.5 0.01 Decision tree classifier BirdChicken 0.5 0.01 TSCMP Coffee 0.89 3.91 ShapeletTransformation Coffee 0.96 23.57 Decision tree with Shapelet Coffee 0.54 2.35 KNN Coffee 0.54 0.0 Decision tree with Shapelet Earthquakes 0.75 1295.48 ShapeletTransformation Earthquakes 0.75 1081.24 KNN Earthquakes 0.75 1081.24 KNN Earthquakes 0.75 1081.24 KNN Earthquakes 0.75 1081.24 KNN FaceFour 0.68	TSCMP	Adiac	0.05	115.96
KNN Adiac 0.26 0.01 Decision tree classifier Adiac 0.18 0.16 TSCMP BirdChicken 0.55 3.19 ShapeletTransformation BirdChicken 0.5 2.47 KNN BirdChicken 0.5 0.0 Decision tree classifier BirdChicken 0.5 0.0 TSCMP Coffee 0.89 3.91 ShapeletTransformation Coffee 0.54 2.35 KNN Coffee 0.89 0.0 Decision tree classifier Coffee 0.54 0.0 TSCMP Earthquakes 0.75 1295-48 ShapeletTransformation Earthquakes 0.68 5587.41 Decision tree with Shapelet Earthquakes 0.74 0.02 Decision Tree with Shapelet Earthquakes 0.68 0.07 TSCMP FaceFour 0.44 3.83 ShapeletTransformation FaceFour 0.16 2.27 KNN FaceFour 0.16	ShapeletTransformation	Adiac	0.56	1486.55
KNN Adiac 0.26 0.01 Decision tree classifier Adiac 0.18 0.16 TSCMP BirdChicken 0.55 3.19 ShapeletTransformation BirdChicken 0.5 2.47 KNN BirdChicken 0.5 0.0 Decision tree classifier BirdChicken 0.5 0.0 TSCMP Coffee 0.89 3.91 ShapeletTransformation Coffee 0.54 2.35 KNN Coffee 0.89 0.0 Decision tree classifier Coffee 0.54 0.0 TSCMP Earthquakes 0.75 1295-48 ShapeletTransformation Earthquakes 0.68 5587.41 Decision tree with Shapelet Earthquakes 0.74 0.02 Decision Tree with Shapelet Earthquakes 0.68 0.07 TSCMP FaceFour 0.44 3.83 ShapeletTransformation FaceFour 0.16 2.27 KNN FaceFour 0.16	Decision Tree with Shapelet	Adiac	0.03	24.75
TSCMP	-		0.26	0.01
ShapeletTransformation BirdChicken 0.9 43.69 Decision Tree with Shapelet BirdChicken 0.5 2.47 KNN BirdChicken 0.45 0.01 Decision tree classifier BirdChicken 0.5 0.0 TSCMP Coffee 0.89 3.91 ShapeletTransformation Coffee 0.54 2.35 KNN Coffee 0.54 2.35 KNN Coffee 0.54 0.0 Decision tree classifier Coffee 0.54 0.0 Pocision tree classifier Coffee 0.54 0.0 TSCMP Earthquakes 0.75 1295.48 ShapeletTransformation Earthquakes 0.75 1081.24 KNN Earthquakes 0.75 1081.24 KNN Earthquakes 0.75 1081.24 KNN Earthquakes 0.68 0.07 Decision tree classifier FaceFour 0.67 33.36 ShapeletTransformation FaceFour 0.16 </td <td>Decision tree classifier</td> <td>Adiac</td> <td>0.18</td> <td>0.16</td>	Decision tree classifier	Adiac	0.18	0.16
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KNNPlane0.970.0Decision tree classifierPlane0.560.01TSCMPStrawberry0.84143.69ShapeletTransformationStrawberry0.893177.95Decision Tree with ShapeletStrawberry0.3946.68KNNStrawberry0.940.02Decision tree classifierStrawberry0.880.06TSCMPSymbols0.334.64				
Decision tree classifierPlane0.560.01TSCMPStrawberry0.84143.69ShapeletTransformationStrawberry0.893177.95Decision Tree with ShapeletStrawberry0.3946.68KNNStrawberry0.940.02Decision tree classifierStrawberry0.880.06TSCMPSymbols0.334.64	•		0.14	6.14
TSCMPStrawberry0.84143.69ShapeletTransformationStrawberry0.893177.95Decision Tree with ShapeletStrawberry0.3946.68KNNStrawberry0.940.02Decision tree classifierStrawberry0.880.06TSCMPSymbols0.334.64		Plane	0.97	0.0
ShapeletTransformationStrawberry0.893177.95Decision Tree with ShapeletStrawberry0.3946.68KNNStrawberry0.940.02Decision tree classifierStrawberry0.880.06TSCMPSymbols0.334.64	Decision tree classifier	Plane	0.56	0.01
Decision Tree with ShapeletStrawberry0.3946.68KNNStrawberry0.940.02Decision tree classifierStrawberry0.880.06TSCMPSymbols0.334.64	TSCMP	Strawberry	0.84	143.69
KNNStrawberry0.940.02Decision tree classifierStrawberry0.880.06TSCMPSymbols0.334.64	ShapeletTransformation	Strawberry	0.89	3177.95
Decision tree classifier Strawberry 0.88 0.06 TSCMP Symbols 0.33 4.64	Decision Tree with Shapelet	Strawberry	0.39	46.68
Decision tree classifier Strawberry 0.88 0.06 TSCMP Symbols 0.33 4.64	KNN	Strawberry	0.94	0.02
TSCMP Symbols 0.33 4.64	Decision tree classifier	-	0.88	0.06
·	TSCMP	-	0.33	4.64
	ShapeletTransformation	Symbols	0.62	58.12

Decision Tree with Shapelet KNN	Symbols Symbols	0.17 0.76	2.6 0.0
Decision tree classifier	Symbols	0.17	0.0
TSCMP	Trace	0.98	24.11
ShapeletTransformation	Trace	0.95	179.35
Decision Tree with Shapelet	Trace	0.26	7.96
KNN	Trace	0.74	0.0
Decision tree classifier	Trace	0.73	0.01
TSCMP	TwoLeadECG	0.69	2.44
ShapeletTransformation	TwoLeadECG	0.93	1.59
Decision Tree with Shapelet	TwoLeadECG	0.5	1.17
KNN	TwoLeadECG	0.58	0.0
Decision tree classifier	TwoLeadECG	0.5	0.0
TSCMP	Wafer	0.95	234.04
ShapeletTransformation	Wafer	0.99	2464.82
Decision Tree with Shapelet	Wafer	0.51	67.07
KNN .	Wafer	0.99	0.03
Decision tree classifier	Wafer	0.97	0.06
TSCMP	Wine	0.46	11.6
ShapeletTransformation	Wine	0.59	40.96
Decision Tree with Shapelet	Wine	0.5	4.19
KNN	Wine	0.72	0.0
Decision tree classifier	Wine	0.74	0.0
TSCMP	WordSynonyms	0.06	81.66
ShapeletTransformation	WordSynonyms	0.35	1504.22
Decision Tree with Shapelet	WordSynonyms	0.12	21.09
KNN	WordSynonyms	0.58	0.01
Decision tree classifier	WordSynonyms	0.28	0.12
TSCMP	Worms	0.18	67.43
ShapeletTransformation	Worms	0.61	6211.45
Decision Tree with Shapelet	Worms	0.18	36.2
KNN	Worms	0.35	0.02
Decision tree classifier	Worms	0.29	0.08
TSCMP	WormsTwoClass	0.69	66.32
ShapeletTransformation	WormsTwoClass	0.75	5972.4
Decision Tree with Shapelet	WormsTwoClass	0.51	36.18
KNN	WormsTwoClass	0.61	0.02
Decision tree classifier	WormsTwoClass	0.52	0.06
TSCMP	Yoga	0.62	90.07
ShapeletTransformation	Yoga	0.78	3248.59
Decision Tree with Shapelet	Yoga	0.54	31.59
KNN	Yoga	0.79	0.02
Decision tree classifier	Yoga	0.6	0.06
TSCMP	ArrowHead	0.58	7.05
ShapeletTransformation	ArrowHead	0.62	31.21
Decision Tree with Shapelet		0.39	2.8
KNN	ArrowHead	0.64	0.0
Decision tree classifier	ArrowHead	0.5	0.0
TSCMP	ECG200	0.82	19.1
ShapeletTransformation	ECG200	0.89	9.92
Decision Tree with Shapelet		0.76	6.19
KNN	ECG200	0.85	0.0
Decision tree classifier	ECG200	0.75	0.0

TSCMP	ECG5000	0.91	175.95
ShapeletTransformation	ECG5000	0.89	559.29
Decision Tree with Shapelet	ECG5000	0.42	76.19
KNN	ECG5000	0.87	0.01
Decision tree classifier	ECG5000	0.9	0.04
TSCMP	GunPoint	0.84	8.72
ShapeletTransformation	GunPoint	0.8	15.18
Decision Tree with Shapelet	GunPoint	0.75	2.98
KNN	GunPoint	0.85	0.0
Decision tree classifier	GunPoint	0.63	0.0
TSCMP	PhalangesOutlinesCorrect	0.65	483.52
ShapeletTransformation	PhalangesOutlinesCorrect	0.71	406.55
Decision Tree with Shapelet	PhalangesOutlinesCorrect	0.65	96.77
KNN	PhalangesOutlinesCorrect	0.66	0.02
Decision tree classifier	PhalangesOutlinesCorrect	0.69	0.08
TSCMP	ElectricDevices	0.26	3767.9
Decision Tree with Shapelet	ElectricDevices	0.1	1023.34
KNN	ElectricDevices	0.53	0.21
Decision tree classifier	ElectricDevices	0.47	0.84

Parametri utilizzati

Candidates Max depth Min samples Window size Remove candi Discords 3 18 70 1

k NumCluster(Medoids) 2 20