UCR Time Series Classification Archive

We suggest you begin by reading the briefing document in PDF or PowerPoint, which also contains the password. Then you can download the entire archive (about 350mb in zipped format).

Please reference as: Yanping Chen, Eamonn Keogh, Bing Hu, Nurjahan Begum, Anthony Bagnall, Abdullah Mueen and Gustavo Batista (2015). *The UCR Time Series Classification Archive*. URL www.cs.ucr.edu/~eamonn/time_series_data/

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@misc{UCRArchive,
title={The UCR Time Series Classification Archive},
author={ Chen, Yanping and Keogh, Eamonn and Hu, Bing and Begum, Nurjahan and Bagnall, Anthony and Mueen, Abdullah and Batista, Gustavo},
year={2015},
month={July},
note = {\url{www.cs.ucr.edu/~eamonn/time_series_data/}}
}
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Name	First paper or data creator	Number of classes	Size of training set	Size of testing set	Time series Length	1-NN Euclidean Distance	1-NN Best Warping Window DTW (*r*) Note that *r* is the percentage of time series length	1-NN DTW, no Warping Window
Synthetic Control	Pham	6	300	300	60	0.120	0.017 (6)	0.007
Gun-Point	Ratanamahatana	2	50	150	150	0.087	0.087 (0)	0.093
CBF		3	30	900	128	0.148	0.004 (11)	0.003
Face (all)	Xi	14	560	1690	131	0.286	0.192 (3)	0.192
OSU Leaf	Gandhi	6	200	242	427	0.479	0.388 (7)	0.409
Swedish Leaf	Soderkvist	15	500	625	128	0.211	0.154 (2)	0.208
50Words	Rath	50	450	455	270	0.369	0.242 (6)	0.310
Trace	Roverso	4	100	100	275	0.240	0.010 (3)	0.000
Two Patterns	Geurts	4	1000	4000	128	0.090	0.002 (4)	0.000
Wafer	Olszewski	2	1000	6174	152	0.005	0.005 (1)	0.020
Face (four)	Ratanamahatana	4	24	88	350	0.216	0.114 (2)	0.170
Lightning-2	Eads	2	60	61	637	0.246	0.131 (6)	0.131
Lightning-7	Eads	7	70	73	319	0.425	0.288 (5)	0.274
ECG	Olszewski	2	100	100	96	0.120	0.120 (0)	0.230
Adiac	Jalba	37	390	391	176	0.389	0.391 (3)	0.396
Yoga	Xi	2	300	3000	426	0.170	0.155 (2)	0.164
Fish	Lee	7	175	175	463	0.217	0.154(4)	0.177
Plane		7	105	105	144	0.038	0.000 (6)	0.000
Car		4	60	60	577	0.267	0.233 (1)	0.267