

Dataset	length_of_shapelet (ls)	number_of_shapelets (ns)	lambda_fused_lasso (lf)	lambda_prototypes (lp)	train_accuracy	test_accuracy
Adiac	28	106	2.23E-06	3.65E-03	0.849	0.774
ArrowHead	65	21	5.80E-06	3.21E-03	1.000	0.918
Beef	164	45	7.25E-02	2.13E-04	0.883	0.750
BeetleFly	169	84	2.24E-06	4.10E-03	1.000	0.900
BirdChicken	88	15	2.49E-08	1.03E-02	1.000	0.950
Car	163	46	1.26E-08	7.30E-02	0.950	0.917
CBF	49	86	7.75E-04	1.16E-06	0.967	0.933
ChlorineConcentration	47	85	4.32E-05	7.01E-04	0.914	0.848
CinCECGtorso	619	47	1.63E-08	1.59E-06	0.963	0.838
Coffee	47	19	1.01E-07	2.19E-01	1.000	1.000
Computers	124	50	6.91E-07	1.39E-06	0.878	0.844
CricketX	98	88	1.11E-08	2.30E-03	0.912	0.847
CricketY	106	109	2.13E-07	1.00E-08	0.879	0.792
CricketZ	109	104	5.49E-07	1.08E-08	0.903	0.842
DiatomSizeReduction	91	15	5.45E-07	6.94E-05	1.000	1.000
DistalPhalanxOutlineAgeGroup	12	121	1.50E-05	1.90E-08	0.896	0.843
DistalPhalanxOutlineCorrect	24	120	2.56E-07	1.19E-08	0.868	0.864
DistalPhalanxTW	14	113	3.09E-06	2.18E-08	0.923	0.830
Earthquakes	187	121	1.40E-06	2.88E-08	0.935	0.929
ECG200	38	27	1.29E-05	5.72E-06	0.970	0.950
ECG5000	55	51	6.22E-06	2.55E-03	0.986	0.970
ECGFiveDays	49	91	1.68E-05	1.18E-06	1.000	1.000
ElectricDevices	18	92	5.67E-04	6.78E-03	0.771	0.732
FaceAll	52	87	2.63E-05	1.09E-06	0.969	0.950
FaceFour	138	121	1.19E-08	1.03E-02	1.000	0.976
FacesUCR	37	76	5.90E-08	5.26E-03	0.995	0.970
FiftyWords	102	94	8.03E-05	3.15E-08	0.911	0.841
Fish	167	81	8.25E-06	4.01E-06	0.946	0.949

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FordA	189	36	1.51E-07	7.00E-07	0.964	0.952
FordB	137	114	1.24E-05	9.43E-08	0.974	0.957
GunPoint	48	98	1.17E-04	3.29E-05	1.000	0.980
Ham	161	49	1.08E-04	1.20E-01	0.891	0.868
HandOutlines	373	108	1.77E-06	2.11E-04	0.943	0.925
Haptics	92	95	4.24E-04	4.76E-07	0.819	0.655
Herring	153	121	9.45E-07	1.06E-02	0.860	0.831
InlineSkate	559	62	5.10E-05	1.24E-01	0.530	0.630
InsectWingbeatSound	74	68	3.56E-08	6.96E-02	0.745	0.632
ItalyPowerDemand	7	35	3.88E-03	8.51E-01	0.985	0.978
LargeKitchenAppliances	47	89	5.29E-08	1.27E-04	0.973	0.947
Lightning2	125	20	5.55E-03	1.61E-05	0.950	0.883
Lightning7	102	101	9.60E-05	1.32E-05	1.000	0.936
Mallat	273	82	1.17E-08	6.30E-05	1.000	0.955
Meat	140	96	1.66E-05	1.76E-05	1.000	1.000
MedicalImages	15	107	3.42E-04	5.23E-04	0.898	0.734
MiddlePhalanxOutlineAgeGroup	31	114	1.75E-04	2.43E-01	0.818	0.795
MiddlePhalanxOutlineCorrect	30	105	4.89E-02	3.76E-02	0.851	0.843
MiddlePhalanxTW	19	115	3.86E-04	3.44E-02	0.719	0.735
MoteStrain	27	26	9.07E-07	2.18E-06	1.000	0.950
NonInvasiveFatalECGThorax1	276	120	2.99E-08	2.17E-07	0.965	0.954
NonInvasiveFatalECGThorax2	291	55	1.54E-07	1.59E-08	0.978	0.976
OliveOil	191	99	2.38E-02	6.00E-03	0.933	0.867
OSULeaf	45	107	2.37E-06	2.27E-04	0.935	0.915
PhalangesOutlinesCorrect	18	46	1.18E-03	1.21E-03	0.796	0.772
Plane	50	102	2.15E-05	4.97E-07	1.000	0.990
ProximalPhalanxOutlineAgeGroup	29	102	1.05E-05	3.06E-04	0.890	0.858
ProximalPhalanxOutlineCorrect	28	83	2.15E-05	2.32E-03	0.848	0.852

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ProximalPhalanxTW	22	117	6.11E-07	2.17E-08	0.928	0.876
RefrigerationDevices	164	70	1.92E-05	1.34E-05	0.776	0.631
ScreenType	224	97	1.70E-06	4.00E-03	0.736	0.612
ShapeletSim	11	30	5.36E-05	8.22E-07	1.000	0.950
ShapesAll	204	43	1.52E-03	9.62E-03	0.919	0.844
SmallKitchenAppliances	37	68	1.30E-03	4.79E-02	0.861	0.759
SonyAIBORobotSurface1	12	50	8.96E-03	1.62E-02	1.000	0.900
SonyAIBORobotSurface2	20	43	7.99E-07	2.70E-01	1.000	0.960
StarLightCurves	364	45	3.34E-03	2.98E-03	0.980	0.967
Strawberry	85	66	2.46E-03	8.26E-03	0.979	0.960
SwedishLeaf	35	47	6.96E-03	7.72E-02	0.958	0.922
Symbols	96	21	7.98E-06	1.25E-02	1.000	0.960
SyntheticControl	15	62	2.46E-04	1.79E-06	0.998	0.990
ToeSegmentation1	109	16	2.02E-03	1.41E-02	1.000	0.975
ToeSegmentation2	74	17	2.46E-04	1.23E-02	1.000	1.000
Trace	47	105	1.02E-06	5.01E-01	1.000	1.000
TwoLeadECG	25	41	6.07E-04	2.04E-03	1.000	1.000
TwoPatterns	37	30	1.12E-03	6.66E-03	0.998	0.979
UWaveGestureLibraryAll	373	47	1.02E-03	5.09E-03	0.983	0.941
UWaveGestureLibraryX	125	72	4.05E-06	4.92E-03	0.894	0.816
UWaveGestureLibraryY	113	70	1.08E-03	5.13E-02	0.861	0.736
UWaveGestureLibraryZ	114	75	1.14E-03	1.30E-02	0.867	0.756
Wafer	43	42	4.91E-03	1.71E-04	1.000	0.994
UWaveGestureLibraryZ	114	75	1.14E-03	1.30E-02	0.867	0.756
WordSynonyms	104	97	1.72E-02	3.98E-02	0.895	0.700
Worms	252	51	2.55E-04	5.92E-05	0.852	0.746
WormsTwoClass	236	37	1.50E-07	1.40E-03	0.890	0.788
Yoga	113	116	4.64E-04	2.42E-01	0.887	0.850