

AUC-within

activemq	0.855	0.810	0.812	0.850	0.840	0.630	0.710	0.860	0.450
camel	0.800	0.790	0.790	0.790	0.780	0.600	0.590	0.820	0.610
derby	0.837	0.840	0.837	0.570	0.850	0.790	0.780	0.840	0.770
groovy	0.833	0.830	0.833	0.780	0.850	0.610	0.540	0.870	0.440
hbase	0.701	0.680	0.701	0.610	0.690	0.590	0.640	0.620	0.480
hive	0.767	0.770	0.766	0.750	0.740	0.570	0.610	0.740	0.630
jruby	0.877	0.880	0.877	0.810	0.840	0.610	0.620	0.770	0.630
lucene	0.726	0.710	0.706	0.680	0.670	0.610	0.600	0.670	0.620
wicket	0.833	0.840	0.833	0.810	0.780	0.610	0.630	0.780	0.700
Average	0.803	0.794	0.795	0.739	0.782	0.624	0.636	0.774	0.592
	PLEASE	BARLineDP	BAFLineDP	LineDef	DeepLineDP	BoW	DBN	CNN	Bi-LSTM

MCC-within

activemq	0.325	0.300	0.270	0.280	0.140	0.200	0.190	0.270	0.000
camel	0.210	0.200	0.200	0.190	0.145	0.090	0.030	0.000	0.000
derby	0.332	0.340	0.300	0.040	0.130	0.270	0.210	0.280	0.270
groovy	0.252	0.260	0.250	0.120	0.160	0.410	0.180	0.120	0.000
hbase	0.164	0.220	0.200	0.090	0.120	0.090	0.160	0.040	-0.050
hive	0.272	0.240	0.230	0.220	0.150	0.160	0.210	0.200	-0.050
jruby	0.250	0.270	0.250	0.190	0.110	0.100	0.060	0.140	0.000
lucene	0.104	0.080	0.040	0.100	0.170	0.130	0.050	0.000	0.010
wicket	0.167	0.160	0.110	0.190	0.100	0.100	0.050	0.130	0.000
Average	0.231	0.230	0.206	0.158	0.136	0.172	0.127	0.131	0.020
	PLEASE	BARLineDP	BAFLineDP	LineDef	DeepLineDP	BoW	DBN	CNN	Bi-LSTM

BA-within

activemq	0.713	0.720	0.789	0.780	0.770	0.620	0.630	0.640	0.500
camel	0.711	0.720	0.701	0.730	0.680	0.570	0.510	0.500	0.500
derby	0.735	0.730	0.698	0.510	0.680	0.760	0.700	0.770	0.760
groovy	0.723	0.620	0.619	0.620	0.510	0.670	0.520	0.520	0.500
hbase	0.612	0.600	0.611	0.540	0.650	0.540	0.590	0.510	0.490
hive	0.651	0.610	0.633	0.690	0.680	0.610	0.630	0.640	0.480
jruby	0.751	0.740	0.680	0.750	0.720	0.570	0.530	0.540	0.500
lucene	0.558	0.520	0.538	0.650	0.520	0.570	0.540	0.500	0.500
wicket	0.638	0.640	0.610	0.750	0.640	0.610	0.560	0.560	0.500
Average	0.677	0.656	0.653	0.669	0.650	0.613	0.579	0.576	0.526
	PLEASE	BARLineDP	BAFLineDP	LineDef	DeepLineDP	BoW	DBN	CNN	Bi-LSTM