## **Performance Comparison Methods and Metrics -within**

					AUC-within				
activemq	0.855 0.800	0.810 0.790	0.812 0.790	0.850 0.790	0.840 0.780	0.630 0.600	0.710 0.590	0.860 0.820	0.450 0.610
camel - derby -	0.837	0.840	0.837	0.570	0.850	0.790	0.780	0.840	0.770
groovy-	0.833 0.701	0.830	0.833	0.780 0.610	0.850	0.610 0.590	0.540 0.640	0.870 0.620	0.440 0.480
hbasé - hive -	0.767	0.680 0.770	0.701 0.766	0.810	0.690 0.740	0.570	0.610	0.620	0.480
jruby -	0.877	0.880	0.877	0.810	0.840	0.610	0.620	0.770	0.630
lucené - wicket -	0.726 0.833	0.710 0.840	0.706 0.833	0.680 0.810	0.670 0.780	0.610 0.610	0.600 0.630	0.670 0.780	0.620 0.700
Average -	0.803	0.794	0.795	0.739	0.782	0.624	0.636	0.774	0.592
	<u>ر</u> لا ا	R	8	ek '	8	N	420	CMA	M
	PIERSE	inel	inel	LineDet	inel	804	OBIN	Q.	Bilstw
	Q*	BARLINEDR	BAFLineDR	<i>\( \sqrt{\sq}}}}}}}}}} \end{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sq</i>	DeeplineDR				♦,
		♦,	V						
activemq -	0.325	0.300	0.270	0.280	MCC-within 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 0.252	0.340 0.260	0.300 0.250	0.040 0.120	0.130 0.160	0.270 0.410	0.210 0.180	0.280 0.120	0.270 0.000
groovy - hbase - hive -	0.164	0.220	0.200	0.090	0.120	0.090	0.160	0.040	-0.050
hive -	0.272 0.250	0.240 0.270	0.230 0.250	0.220 0.190	0.150 0.110	0.160 0.100	0.210 0.060	0.200 0.140	-0.050 0.000
jruby - Iucene -	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 0.158	0.100 0.136	0.100	0.050 0.127	0.130 0.131	0.000
Average -	0.231	0.230	0.206			0.172	·	<u>'</u>	0.020
	ASK	<sup>e</sup> D <sub>X</sub>	eDX	Dei	e DX	804	OBIN	CAL	STAN
	PIERSE	aline	BAFLINEDP	LineDef	dine	V	<b>V</b>		BirlSTM
	•	BARLineDR	BA'	<b>*</b>	DeeplineDP				<b>~</b>
					• BA-within				
activemq -	0.713	0.720	0.789	0.780	0.770	0.620	0.630	0.640	0.500
camel - derby -	0.711 0.735	0.720 0.730	0.701 0.698	0.730 0.510	0.680 0.680	0.570 0.760	0.510 0.700	0.500 0.770	0.500 0.760
groovy - hbase -	0.723	0.620	0.619	0.620	0.510	0.670	0.520	0.520	0.500
hbase - hive -	0.612 0.651	0.600 0.610	0.611 0.633	0.540 0.690	0.650 0.680	0.540 0.610	0.590 0.630	0.510 0.640	0.490 0.480
jruby -	0.751	0.740	0.680	0.750	0.720	0.570	0.530	0.540	0.500
lucené - wicket -	<b>0.558</b> 0.638	0.520 0.640	0.538	0.650	0.520	0.570	0.540	0.500	0.500
Average -	0.636	0.656	0.610 0.653	0.750 0.669	0.640 0.650	0.610 0.613	0.560 0.579	0.560 0.576	0.500 0.526
3	<u>.</u>						' I		
	PLEASE	inell	inell	LineDet	inel	BOW	OBIN	Chin	BirlSTM
	<b>♦</b> ~	BARLineDR	BAFLineDR		DeeplineDR				Bir.
		♠,	♦,	_					
activemq -	0.314	0	.290	<b>R</b> 0.334	ecall@TOP20%LOC-w 0.370	vithin 0.290		0.260	0.240
camel - derby -	0.468	0	.410	0.466	0.360	0.310		0.270	0.250
derby -	0.424 0.360	0	0.420 0.330	0.449 0.354	0.400 0.390	0.390 0.410		0.350 0.280	0.200 0.210
hbase -	0.382	0	.340	0.360	0.340	0.240		0.450	0.520
hive -	0.339 0.279		0.350 0.330	0.331 0.278	0.210 0.260	0.210 0.330		0.320 0.300	0.230 0.120
groovy - hbase - hive - jruby - lucene -	0.434	0	.530	0.267	0.290	0.330		0.260	0.370
wicket-	0.699	0	.810	0.714	0.650	0.470		0.390	0.370
Average -	0.411		.423	0.395	0.363	0.331	'	0.320	0.279
	LASE.	.eQ	Κ	epk	LineDet	ety	.<	all	one
	PLEASE	Rlin		3AFLine DP	Line	olin	N.Of		Errorprone
		BARLineDi	<	JA.		DeeplineDP			EK.
					fort@TOP20%recall-	within			
activemq - camel -	0.246 0.214	0	.260 .230	0.202 0.214	0.220 0.250	0.240 0.260		0.290 0.280	0.400 0.380
derby -	0.169	0	.160	0.170	0.180	0.190		0.250	0.450
groovy - hbase -	0.158 0.172		0.210 0.170	0.230 0.167	0.150 0.230	0.160 0.250		0.300 0.180	0.440 0.280
hbase - hive -	0.221	0	.190	0.235	0.270	0.260		0.240	0.390
jruby - lucene -	0.242 0.171		0.240 0.220	0.254 0.330	0.270 0.250	0.260 0.190		0.300 0.290	0.540 0.360
wicket -	0.114	0	.040	0.115	0.140	0.190		0.250	0.430
	0.100	0	.191	0.213	0.218	0.222		0.264	0.408
Average -	0.190				<b>.</b>	_			
			?	, or	oet	SOR		all	ne
			2	clinedp	ineper	LineDR	~.di	arr	arprone
	PLEASE	BARLineDi	₹	3AFLine DP	LineDet	DeeplineDP	4.dí	arr	Errorprone