

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	227.6364	227.8696	0.449692
95_celwars2009	Client	2463.0000	2462.3793	0.317311
47_dvd-homevideo	Convert	339.8966	339.7931	0.563703
98_trans-locator	FoxHuntFrame	705.9474	705.7692	0.285049
95_celwars2009	MP3	72.0000	72.0000	1.000000
47_dvd-homevideo	Menu	368.5769	368.8333	0.785495
99_newzgrabber	BatchDriver	162.4333	164.7667	0.528233
99_newzgrabber	Downloader	915.9630	920.3793	0.016733
99_newzgrabber	Newzgrabber	524.3684	528.1250	0.249936
50_biff	Scanner	3359.4118	3290.7308	0.061504
72_battlecry	battlecryGUI	790.0000	790.0000	1.000000
72_battlecry	bcGenerator	1639.7241	1588.3000	0.527089
68_biblestudy	Verse	139.6000	139.7667	0.288310
68_biblestudy	Queue	7.0000	7.0000	1.000000
75_openhre	ExpressionImpl	6.6333	6.5333	0.498709
4_rif	WebServiceDescriptor	9.0000	9.0000	1.000000
54_db-everywhere	SapdbTableList	61.0000	61.0000	1.000000
65_gsftp	FtpApplet	220.0000	220.0000	1.000000
7_sfmis	Base64	11.0000	11.0000	1.000000
1_tullibee	ExecutionFilter	6.1000	8.0000	0.285049
11_imsmart	HTMLFilter	1.0000	1.0000	1.000000
91_classviewer	ClassInfo	173.0667	169.3333	0.418416
91_classviewer	ClassViewer	1683.0769	1683.0357	0.563703
91_classviewer	SAXDirParser	63.0667	60.0667	0.095730
48_resources4j	AbstractResources	8.0000	8.0000	1.000000
33_javaviewcontrol	TokenMgrError	28.6000	23.1379	0.265815
19_jmca	JMCAAnalyzer	829.3846	785.2759	0.009701
19_jmca	JavaCharStream	401.0667	368.5667	0.224902
19_jmca	JavaParserTokenManager	3009.8333	2914.7333	0.147040
24_saxpath	XPathLexer	423.7586	429.7000	0.270009
22_byuic	ScriptOrFnScope	52.0000	52.0000	1.000000
39_diffi	StringIncrementor	67.8000	66.9333	0.400446
39_diffi	IndexedString	17.9667	22.0000	0.119867
90_dcparseargs	ArgsParser	97.1667	90.4667	0.636117
43_lilith	AccessEvent	13.5455	12.3333	0.195127
79_twfplayer	SimpleSector	53.3684	48.8571	0.175819
12_dsachat	Handler	510.7333	518.6000	0.046256
94_jclo	JCLO	372.4000	365.2069	0.265285
61_noen	ProbInformation	26.3667	21.1034	0.015971
64_jtailgui	JTailPanel	271.7826	284.7857	0.108809
8_gfarcegestionfa	ModifTableStockage	247.0000	238.2759	0.188557
21_geo-google	GeoStatusCode	15.0000	15.0000	1.000000
21_geo-google	AddressToUsAddressFunctor	95.0000	95.0000	1.000000
40_glengineer	GroupAgent	193.3462	193.5714	0.959486
40_glengineer	Block	22.5333	22.7333	0.595423
32_httpanalyzer	Password	71.0000	71.0000	1.000000
82_ipcalculator	BinaryCalculate	132.6667	100.6000	0.000199
82_ipcalculator	WhoIS	241.6000	261.6471	0.336289
87_jaw-br	Salvar	167.0000	166.9583	0.317311
100_jgaap	jgaapGUI	48.0000	47.0000	0.350816
89_jiggler	LevelSetNudge	702.3704	711.7931	0.693603
26_jipa	Variable	3.5625	3.7143	0.666373
45_lotus	Game	57.0000	57.0000	1.000000
45_lotus	Phase	34.0000	34.0000	1.000000
69_lhamacaw	MacawWorkBench	193.2000	192.9333	0.781511
69_lhamacaw	DisplayableListPanel	496.1818	491.1154	0.811070
2_a4j	Product	111.0000	111.0000	1.000000
2_a4j	FileUtil	722.9091	718.0385	0.883838
55_lavalamp	TimeOfDay	4.0000	4.0000	1.000000
60_sugar	FSPATHResult	10.2414	10.0333	0.329711
60_sugar	FSPATHExplorer	84.2000	80.4333	0.206288
83_xbus	XBUSClassLoader	103.0000	103.0000	1.000000
31_xisemele	OperationsHelperImpl	83.0455	83.7727	0.317311
15_beanbin	MethodReflectionCriteria	33.0000	33.0000	1.000000
36_schemaspy	Table	1961.4333	1958.4333	0.267146
36_schemaspy	TableMeta	54.8000	44.7586	0.125595
102_squirrel-sql	CascadeInternalFramePositioner	23.5500	18.6364	0.305931
86_at-robots2-j	RobotRenderer	488.3846	478.6400	0.013000
86_at-robots2-j	Robot	437.4667	435.2000	0.346623
52_lagoon	LagoonCLI	217.7667	217.2000	0.669753
52_lagoon	LagoonGUI	417.0000	417.0000	1.000000
44_summa	ExposedTimSort	1195.4333	1191.0333	0.918069
74_fixsuite	Library	193.0000	189.1667	0.140773
74_fixsuite	TreeView	339.7500	341.9259	1.000000
92_jcvi-javacommon	Distance	7.2333	7.1333	0.738883
18_jsecurity	AntPathMatcher	148.9667	148.5667	0.538550
51_jiprof	LocalVariablesSorter	167.9667	141.4667	0.503810
37_petsoar	CreditCardInfo	5.0000	5.0000	1.000000
24_saxpath	Axis	14.0000	14.0000	1.000000
84_ifx-framework	IFXObject	168.0000	168.0000	1.000000
5_templateit	Region	2.0000	2.0000	1.000000
73_fim1	UpdateUserPanel	456.3929	457.5667	0.654721
58_fps370	TederFrame	1057.9231	1057.9333	1.000000
14_omjstate	Transition	95.0000	95.0000	1.000000
85_shop	JSJshop	490.8333	496.4643	0.913301
107_weka	ICSSearchAlgorithm	1020.7083	953.4815	0.230139
107_weka	FindWithCapabilities	1239.0000	1239.0000	1.000000
80_wheelwebtool	ClassReader	1836.3333	1781.2000	0.390533
80_wheelwebtool	ClassWriter	111.8966	110.8333	0.974111
80_wheelwebtool	FieldWriter	12.3333	12.2000	0.808117

Table 1: FitnessVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	9.0000	9.0000	1.000000
95_celwars2009	Client	0.0000	0.0000	1.000000
47_dvd-homevideo	Convert	14.0000	14.0000	1.000000
98_trans-locator	FoxHuntFrame	0.0000	0.0000	1.000000
95_celwars2009	MP3	47.0000	47.0000	1.000000
47_dvd-homevideo	Menu	17.0000	17.0000	1.000000
99_newzgrabber	BatchDriver	24.3333	22.3000	0.328742
99_newzgrabber	Downloader	16.7407	16.6897	0.527089
99_newzgrabber	Newzgrabber	18.0000	17.6667	0.083265
50_biff	Scanner	5.4706	7.3462	0.087546
72_battlecry	battlecryGUI	1.0000	1.0000	1.000000
72_battlecry	bcGenerator	7.2414	10.9333	0.527089
68_biblestudy	Verse	63.0000	63.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	100.0000	100.0000	1.000000
4_rif	WebServiceDescriptor	100.0000	100.0000	1.000000
54_db-everywhere	SapdbTableList	24.0000	24.0000	1.000000
65_gsftp	FtpApplet	0.0000	0.0000	1.000000
7_sfmis	Base64	99.8667	99.9667	0.083265
1_tullibee	ExecutionFilter	100.0000	100.0000	1.000000
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	91.7333	92.2667	0.078983
91_classviewer	ClassViewer	1.0000	1.0000	1.000000
91_classviewer	SAXDirParser	85.7000	86.6333	0.265157
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	72.9000	76.0000	0.525869
19_jmca	JMCAAnalyzer	20.7308	26.4828	0.012098
19_jmca	JavaCharStream	74.8667	76.3000	0.167504
19_jmca	JavaParserTokenManager	30.9667	32.4000	0.231498
24_saxpath	XPathLexer	90.4828	90.2333	0.535317
22_byuic	ScriptOrFnScope	81.0000	81.0000	1.000000
39_diffi	StringIncrementor	86.0000	86.7333	0.276303
39_diffi	IndexedString	100.0000	99.9000	0.317311
90_dcparseargs	ArgsParser	80.6000	81.3667	0.930956
43_hilith	AccessEvent	100.0000	100.0000	1.000000
79_twfbplayer	SimpleSector	93.2105	94.2857	0.157835
12_dsachat	Handler	30.7667	29.7333	0.034974
94_jclo	JCLO	68.2333	69.1379	0.367553
61_noen	ProbelInformation	99.7333	100.0000	0.317311
64_jtailgui	JTailPanel	15.0870	10.6786	0.108809
8_gfarcegestionfa	ModifTableStockage	73.9565	77.3448	0.075043
21_geo-google	GeoStatusCode	78.0000	78.0000	1.000000
21_geo-google	AddressToUsAddressFuncionr	30.0000	30.0000	1.000000
40_glengineer	GroupAgent	77.3077	76.7500	0.710163
40_glengineer	Block	98.0000	98.0000	1.000000
32_httpanalyzer	Password	83.9667	84.0000	0.317311
82_ipcalculator	BinaryCalculate	86.0000	88.9667	0.000560
82_ipcalculator	WhoIS	72.6000	70.7647	0.317311
87_jaw-br	Salvar	18.0000	18.0000	1.000000
100_jgaap	jgaapGUI	94.6364	94.8095	0.391173
89_jiggler	LevelSetNudge	43.8519	43.3448	0.532069
26_jipa	Variable	97.3125	97.7857	0.799495
45_lotus	Game	70.0000	70.0000	1.000000
45_lotus	Phase	71.0000	71.0000	1.000000
69_lhamacaw	MacawWorkBench	22.8000	22.9000	0.781511
69_lhamacaw	DisplayableListPanel	12.3182	12.7308	0.811070
2_a4j	Product	23.9667	24.0000	0.317311
2_a4j	FileUtil	62.2273	63.4615	0.261472
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPathResult	100.0000	100.0000	1.000000
60_sugar	FSPathExplorer	75.3667	76.4000	0.221151
83_xbus	XBUSClassLoader	17.0000	17.0000	1.000000
31_xisemele	OperationsHelperImpl	71.0000	70.5455	0.317311
15_beanbin	MethodReflectionCriteria	89.9667	90.0000	0.317311
36_schemaspy	Table	3.3000	3.2667	0.796253
36_schemaspy	TableMeta	49.7667	60.5172	0.207004
102_squirrel-sql	CascadeInternalFramePositioner	81.2500	83.8636	0.329452
86_at-robots2-j	RobotRenderer	34.5385	36.0800	0.013000
86_at-robots2-j	Robot	60.6000	60.6667	0.789513
52_lagoon	LagoonCLI	32.9333	33.0667	0.456402
52_lagoon	LagoonGUI	1.0000	1.0000	1.000000
44_summa	ExposedTimSort	36.9000	36.8333	0.758050
74_fixsuite	Library	45.0000	46.4000	0.102470
74_fixsuite	TreeView	53.3750	53.0741	1.000000
92_jcvi-javacommon	Distance	99.9333	100.0000	0.317311
18_jsecurity	AntPathMatcher	76.7333	77.1667	0.950913
51_jiprof	LocalVariablesSorter	71.8000	74.4000	0.588699
37_petsoar	CreditCardInfo	100.0000	100.0000	1.000000
24_saxpath	Axis	100.0000	100.0000	1.000000
84_ifx-framework	IFXObject	55.0000	55.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	0.0000	0.0000	1.000000
58_fps370	TederFrame	0.0000	0.0000	1.000000
14_omjstate	Transition	67.0000	67.0000	1.000000
85_shop	JSJshop	32.5556	32.9286	0.569780
107_weka	ICSSearchAlgorithm	50.7917	56.5185	0.172452
107_weka	FindWithCapabilities	1.0000	1.0000	1.000000
80_wheelwebtool	ClassReader	46.2000	47.2000	0.573130
80_wheelwebtool	ClassWriter	94.2414	94.3000	0.856317
80_wheelwebtool	FieldWriter	99.9333	99.9333	1.000000

Table 2: LineVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	10.0000	10.0000	1.000000
95_celwars2009	Client	1.0000	1.0000	1.000000
47_dvd-homevideo	Convert	12.0000	12.0000	1.000000
98_trans-locator	FoxHuntFrame	3.0000	3.0000	1.000000
95_celwars2009	MP3	18.0000	18.0000	1.000000
47_dvd-homevideo	Menu	6.0000	6.0000	1.000000
99_newzgrabber	BatchDriver	7.9000	7.4000	0.483263
99_newzgrabber	Downloader	11.4444	11.1724	0.143806
99_newzgrabber	Newzgrabber	30.1579	29.4167	0.294132
50_biff	Scanner	5.0000	7.2308	0.168375
72_battlecry	battlecryGUI	3.0000	3.0000	1.000000
72_battlecry	bcGenerator	3.5862	5.9333	0.523609
68_biblestudy	Verse	59.0000	59.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	100.0000	100.0000	1.000000
4_rif	WebServiceDescriptor	100.0000	100.0000	1.000000
54_db-everywhere	SapdbTableList	15.0000	15.0000	1.000000
65_gsftp	FtpApplet	3.0000	3.0000	1.000000
7_sfmis	Base64	99.6000	99.9000	0.083265
1_tullibee	ExecutionFilter	99.8333	98.6667	0.285049
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	79.4333	79.7333	0.401915
91_classviewer	ClassViewer	2.0000	2.0000	1.000000
91_classviewer	SAXDirParser	81.2000	82.1667	0.115448
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	81.6333	84.2069	0.499265
19_jmca	JMCAAnalyzer	11.1538	14.8621	0.013649
19_jmca	JavaCharStream	74.7333	77.0333	0.164446
19_jmca	JavaParserTokenManager	40.8667	42.9667	0.143780
24_saxpath	XPathLexer	83.9310	83.6333	0.229919
22_byuic	ScriptOrFnScope	77.0000	77.0000	1.000000
39_diffi	StringIncrementor	83.4000	83.8333	0.416959
39_diffi	IndexedString	96.5000	95.1667	0.045500
90_dcparseargs	ArgsParser	81.0000	81.9333	0.638169
43_lilith	AccessEvent	98.1818	98.4583	0.263519
79_twfbplayer	SimpleSector	86.7895	88.0952	0.253635
12_dsachat	Handler	33.5667	32.4000	0.041051
94_jclo	JCLO	60.9000	61.8966	0.331140
61_noen	ProbelInformation	87.8000	91.0000	0.018593
64_jtailgui	JTailPanel	11.6087	8.0714	0.108809
8_gfarcegestionfa	ModifTableStockage	74.5652	76.9655	0.097552
21_geo-google	GeoStatusCode	100.0000	100.0000	1.000000
21_geo-google	AddressToUsAddressFunctor	20.0000	20.0000	1.000000
40_glengineer	GroupAgent	67.8462	67.5714	0.871671
40_glengineer	Block	96.0000	95.5000	0.083265
32_httpanalyzer	Password	79.9667	80.0000	0.317311
82_ipcalculator	BinaryCalculate	85.8333	89.3000	0.000308
82_ipcalculator	WhoIS	36.8000	32.7059	0.336289
87_jaw-br	Salvar	0.0000	0.0000	1.000000
100_jgaap	jgaapGUI	81.3182	82.1429	0.391173
89_jiggler	LevelSetNudge	40.2222	39.9655	0.716005
26_jipa	Variable	98.3750	97.0714	0.831641
45_lotus	Game	42.0000	42.0000	1.000000
45_lotus	Phase	50.0000	50.0000	1.000000
69_lhamacaw	MacawWorkBench	15.4000	15.5333	0.781511
69_lhamacaw	DisplayableListPanel	8.7273	10.0000	0.685830
2_a4j	Product	9.8667	10.0000	0.317311
2_a4j	FileUtil	42.5000	42.8462	0.986094
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPATHResult	100.0000	100.0000	1.000000
60_sugar	FSPATHExplorer	64.2667	65.7000	0.206218
83_xbus	XBUSClassLoader	18.0000	18.0000	1.000000
31_xisemele	OperationsHelperImpl	56.0000	55.6364	0.317311
15_beanbin	MethodReflectionCriteria	82.9333	83.0000	0.317311
36_schemaspy	Table	2.8667	2.9667	0.429017
36_schemaspy	TableMeta	37.4333	49.4483	0.189026
102_squirrel-sql	CascadeInternalFramePositioner	80.1500	84.4545	0.421840
86_at-robots2-j	RobotRenderer	40.0769	41.5200	0.012555
86_at-robots2-j	Robot	57.5667	57.9000	0.265249
52_lagoon	LagoonCLI	30.9667	31.0667	0.649397
52_lagoon	LagoonGUI	2.0000	2.0000	1.000000
44_summa	ExposedTimSort	25.3000	25.3667	0.896519
74_fixsuite	Library	23.0000	25.0667	0.102470
74_fixsuite	TreeView	31.6250	31.3704	1.000000
92_jcvi-javacommon	Distance	99.8667	100.0000	0.317311
18_jsecurity	AntPathMatcher	74.8667	74.8333	0.582060
51_jiprof	LocalVariablesSorter	67.6333	70.6000	0.639351
37_petsoar	CreditCardInfo	100.0000	100.0000	1.000000
24_saxpath	Axis	100.0000	100.0000	1.000000
84_ifx-framework	IFXObject	43.0000	43.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	0.0000	0.0000	1.000000
58_fps370	TederFrame	1.0000	1.0000	1.000000
14_omjstate	Transition	33.0000	33.0000	1.000000
85_shop	JSJshop	26.6111	25.8571	0.835976
107_weka	ICSSearchAlgorithm	21.8750	26.7407	0.172169
107_weka	FindWithCapabilities	0.0000	0.0000	1.000000
80_wheelwebtool	ClassReader	36.7000	38.3500	0.455037
80_wheelwebtool	ClassWriter	90.8276	91.1667	0.913649
80_wheelwebtool	FieldWriter	99.3667	99.4000	0.931915

Table 3: BranchVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	10.0000	10.0000	1.000000
95_celwars2009	Client	0.0000	0.0000	1.000000
47_dvd-homevideo	Convert	12.0000	12.0000	1.000000
98_trans-locator	FoxHuntFrame	0.0000	0.0000	1.000000
95_celwars2009	MP3	18.0000	18.0000	1.000000
47_dvd-homevideo	Menu	6.0000	6.0000	1.000000
99_newzgrabber	BatchDriver	7.9000	7.4000	0.483263
99_newzgrabber	Downloader	11.4444	11.1724	0.143806
99_newzgrabber	Newzgrabber	28.5789	27.8750	0.110183
50_biff	Scanner	4.4706	6.4615	0.139724
72_battlecry	battlecryGUI	1.0000	1.0000	1.000000
72_battlecry	bcGenerator	3.5862	5.8333	0.523609
68_biblestudy	Verse	59.0000	59.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	100.0000	100.0000	1.000000
4_rif	WebServiceDescriptor	100.0000	100.0000	1.000000
54_db-everywhere	SapdbTableList	15.0000	15.0000	1.000000
65_gsftp	FtpApplet	0.0000	0.0000	1.000000
7_sfmis	Base64	99.6000	99.9000	0.083265
1_tullibee	ExecutionFilter	99.8333	98.6667	0.285049
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	77.8667	78.2000	0.513228
91_classviewer	ClassViewer	1.0000	1.0000	1.000000
91_classviewer	SAXDirParser	81.2000	82.1667	0.115448
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	81.6333	84.2069	0.499265
19_jmca	JMCAAnalyzer	11.1538	14.8621	0.013649
19_jmca	JavaCharStream	74.3333	76.6000	0.164473
19_jmca	JavaParserTokenManager	40.8333	42.9333	0.147215
24_saxpath	XPathLexer	83.9310	83.6333	0.229919
22_byuic	ScriptOrFnScope	76.8000	76.7931	1.000000
39_diffi	StringIncrementor	83.1000	83.3667	0.414216
39_diffi	IndexedString	96.5000	95.1667	0.045500
90_dcparseargs	ArgsParser	81.0000	81.9333	0.638169
43_lilith	AccessEvent	98.1818	98.4583	0.263519
79_twfplayer	SimpleSector	86.7895	88.0952	0.253635
12_dsachat	Handler	33.5667	32.4000	0.041051
94_jclo	JCLO	60.9000	61.8966	0.331140
61_noen	ProbelInformation	87.8000	91.0000	0.018593
64_jtailgui	JTailPanel	11.6087	8.0714	0.108809
8_gfarcegestionfa	ModifTableStockage	74.5652	76.9655	0.097552
21_geo-google	GeoStatusCode	100.0000	100.0000	1.000000
21_geo-google	AddressToUsAddressFunctor	20.0000	20.0000	1.000000
40_glengineer	GroupAgent	67.3846	67.0000	0.808518
40_glengineer	Block	96.0000	95.5000	0.083265
32_httpanalyzer	Password	79.9667	80.0000	0.317311
82_ipcalculator	BinaryCalculate	80.9667	85.2333	0.000266
82_ipcalculator	WhoIS	36.8000	32.7059	0.336289
87_jaw-br	Salvar	0.0000	0.0000	1.000000
100_jgaap	jgaapGUI	81.3182	82.1429	0.391173
89_jiggler	LevelSetNudge	40.2222	39.9655	0.716005
26_jipa	Variable	98.1250	97.0714	1.000000
45_lotus	Game	42.0000	42.0000	1.000000
45_lotus	Phase	50.0000	50.0000	1.000000
69_lhamacaw	MacawWorkBench	15.4000	15.5333	0.781511
69_lhamacaw	DisplayableListPanel	8.7273	10.0000	0.685830
2_a4j	Product	9.8667	10.0000	0.317311
2_a4j	FileUtil	38.4091	38.3462	0.895432
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPathResult	100.0000	100.0000	1.000000
60_sugar	FSPathExplorer	64.2667	65.7000	0.206218
83_xbus	XBUSClassLoader	18.0000	18.0000	1.000000
31_xisemele	OperationsHelperImpl	56.0000	55.6364	0.317311
15_beanbin	MethodReflectionCriteria	82.9333	83.0000	0.317311
36_schemaspy	Table	2.8667	2.9667	0.429017
36_schemaspy	TableMeta	37.4333	49.4483	0.189026
102_squirrel-sql	CascadeInternalFramePositioner	80.1500	84.4545	0.421840
86_at-robots2-j	RobotRenderer	40.0769	41.5200	0.012555
86_at-robots2-j	Robot	57.5667	57.9000	0.265249
52_lagoon	LagoonCLI	30.9667	31.0667	0.649397
52_lagoon	LagoonGUI	0.0000	0.0000	1.000000
44_summa	ExposedTimSort	24.7667	24.9667	0.989855
74_fixsuite	Library	23.0000	25.0667	0.102470
74_fixsuite	TreeView	30.7500	30.5185	1.000000
92_jcvi-javacommon	Distance	99.8667	100.0000	0.317311
18_jsecurity	AntPathMatcher	74.8667	74.8333	0.582060
51_jiprof	LocalVariablesSorter	67.6000	70.6000	0.639339
37_petsoar	CreditCardInfo	100.0000	100.0000	1.000000
24_saxpath	Axis	100.0000	100.0000	1.000000
84_ifx-framework	IFXObject	43.0000	43.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	0.0000	0.0000	1.000000
58_fps370	TederFrame	0.0000	0.0000	1.000000
14_omjstate	Transition	33.0000	33.0000	1.000000
85_shop	JSJshop	26.0000	24.9286	0.958726
107_weka	ICSSearchAlgorithm	21.8750	26.7407	0.172169
107_weka	FindWithCapabilities	0.0000	0.0000	1.000000
80_wheelwebtool	ClassReader	26.7333	29.1000	0.295228
80_wheelwebtool	ClassWriter	90.6207	90.9333	0.954475
80_wheelwebtool	FieldWriter	99.3667	99.4000	0.931915

Table 4: CBranchVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	100.0000	100.0000	1.000000
95_celwars2009	Client	4.0000	4.0000	1.000000
47_dvd-homevideo	Convert	100.0000	100.0000	1.000000
98_trans-locator	FoxHuntFrame	10.0000	10.0000	1.000000
95_celwars2009	MP3	100.0000	100.0000	1.000000
47_dvd-homevideo	Menu	100.0000	100.0000	1.000000
99_newzgrabber	BatchDriver	86.6667	80.0000	0.536657
99_newzgrabber	Downloader	100.0000	100.0000	1.000000
99_newzgrabber	Newzgrabber	38.0000	38.0000	1.000000
50_biff	Scanner	67.0588	86.1538	0.057467
72_battlecry	battlecryGUI	50.0000	50.0000	1.000000
72_battlecry	bcGenerator	100.0000	100.0000	1.000000
68_biblestudy	Verse	100.0000	100.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	100.0000	100.0000	1.000000
4_rif	WebServiceDescriptor	100.0000	100.0000	1.000000
54_db-everywhere	SapdbTableList	100.0000	100.0000	1.000000
65_gsftp	FtpApplet	17.0000	17.0000	1.000000
7_sfmis	Base64	100.0000	100.0000	1.000000
1_tullibee	ExecutionFilter	100.0000	100.0000	1.000000
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	100.0000	100.0000	1.000000
91_classviewer	ClassViewer	25.0000	25.0000	1.000000
91_classviewer	SAXDirParser	100.0000	100.0000	1.000000
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	100.0000	100.0000	1.000000
19_jmca	JMCAAnalyzer	100.0000	100.0000	1.000000
19_jmca	JavaCharStream	99.8000	99.7000	0.705457
19_jmca	JavaParserTokenManager	100.0000	100.0000	1.000000
24_saxpath	XPathLexer	100.0000	100.0000	1.000000
22_byuic	ScriptOrFnScope	100.0000	100.0000	1.000000
39_diffi	StringIncrementor	100.0000	100.0000	1.000000
39_diffi	IndexedString	100.0000	100.0000	1.000000
90_dcparseargs	ArgsParser	100.0000	100.0000	1.000000
43_hilith	AccessEvent	100.0000	100.0000	1.000000
79_twfbplayer	SimpleSector	100.0000	100.0000	1.000000
12_dsachat	Handler	100.0000	100.0000	1.000000
94_jclo	JCLO	100.0000	100.0000	1.000000
61_noen	ProbelInformation	100.0000	100.0000	1.000000
64_jtailgui	JTailPanel	32.6087	30.3571	0.179712
8_gfarcegestionfa	ModifTableStockage	100.0000	100.0000	1.000000
21_geo-google	GeoStatusCode	100.0000	100.0000	1.000000
21_geo-google	AddressToUsAddressFuncnor	100.0000	100.0000	1.000000
40_glengineer	GroupAgent	99.7308	99.7143	1.000000
40_glengineer	Block	100.0000	100.0000	1.000000
32_httpanalyzer	Password	100.0000	100.0000	1.000000
82_ipcalculator	BinaryCalculate	100.0000	100.0000	1.000000
82_ipcalculator	WhoIS	100.0000	100.0000	1.000000
87_jaw-br	Salvar	20.0000	20.0000	1.000000
100_jgaap	jgaapGUI	100.0000	100.0000	1.000000
89_jiggler	LevelSetNudge	100.0000	100.0000	1.000000
26_jipa	Variable	100.0000	100.0000	1.000000
45_lotus	Game	100.0000	100.0000	1.000000
45_lotus	Phase	100.0000	100.0000	1.000000
69_lhamacaw	MacawWorkBench	50.0000	50.0000	1.000000
69_lhamacaw	DisplayableListPanel	19.4545	21.6923	0.580912
2_a4j	Product	100.0000	100.0000	1.000000
2_a4j	FileUtil	100.0000	100.0000	1.000000
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPATHResult	100.0000	100.0000	1.000000
60_sugar	FSPATHExplorer	100.0000	100.0000	1.000000
83_xbus	XBUSClassLoader	100.0000	100.0000	1.000000
31_xisemele	OperationsHelperImpl	100.0000	100.0000	1.000000
15_beanbin	MethodReflectionCriteria	100.0000	100.0000	1.000000
36_schemaspy	Table	6.2000	6.1333	0.792635
36_schemaspy	TableMeta	52.9667	62.7931	0.248213
102_squirrel-sql	CascadeInternalFramePositioner	100.0000	100.0000	1.000000
86_at-robots2-j	RobotRenderer	100.0000	100.0000	1.000000
86_at-robots2-j	Robot	98.0333	98.0667	0.914621
52_lagoon	LagoonCLI	100.0000	100.0000	1.000000
52_lagoon	LagoonGUI	22.0000	22.0000	1.000000
44_summa	ExposedTimSort	100.0000	100.0000	1.000000
74_fixsuite	Library	100.0000	100.0000	1.000000
74_fixsuite	TreeView	86.0000	86.0000	1.000000
92_jcvi-javacommon	Distance	100.0000	100.0000	1.000000
18_jsecurity	AntPathMatcher	100.0000	100.0000	1.000000
51_jiprof	LocalVariablesSorter	87.7667	92.6000	0.587322
37_petsoar	CreditCardInfo	100.0000	100.0000	1.000000
24_saxpath	Axis	100.0000	100.0000	1.000000
84_ifx-framework	IFXObject	100.0000	100.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	0.0000	0.0000	1.000000
58_fps370	TederFrame	5.0000	5.0000	1.000000
14_omjstate	Transition	100.0000	100.0000	1.000000
85_shop	JSJshop	91.5556	91.2857	0.876803
107_weka	ICSSearchAlgorithm	100.0000	100.0000	1.000000
107_weka	FindWithCapabilities	8.0000	8.0000	1.000000
80_wheelwebtool	ClassReader	78.1000	85.4000	0.082775
80_wheelwebtool	ClassWriter	100.0000	100.0000	1.000000
80_wheelwebtool	FieldWriter	100.0000	100.0000	1.000000

Table 5: MethodVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	40.0000	40.0000	1.000000
95_celwars2009	Client	0.0000	0.0000	1.000000
47_dvd-homevideo	Convert	33.0000	33.0000	1.000000
98_trans-locator	FoxHuntFrame	0.0000	0.0000	1.000000
95_celwars2009	MP3	100.0000	100.0000	1.000000
47_dvd-homevideo	Menu	43.0000	43.0000	1.000000
99_newzgrabber	BatchDriver	85.0000	75.8333	0.374243
99_newzgrabber	Downloader	99.7778	99.1724	0.179712
99_newzgrabber	Newzgrabber	23.0000	23.0000	1.000000
50_biff	Scanner	58.8235	83.8462	0.062730
72_battlecry	battlecryGUI	0.0000	0.0000	1.000000
72_battlecry	bcGenerator	100.0000	100.0000	1.000000
68_biblestudy	Verse	73.0000	73.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	100.0000	100.0000	1.000000
4_rif	WebServiceDescriptor	100.0000	100.0000	1.000000
54_db-everywhere	SapdbTableList	50.0000	50.0000	1.000000
65_gsftp	FtpApplet	0.0000	0.0000	1.000000
7_sfmis	Base64	100.0000	100.0000	1.000000
1_tullibee	ExecutionFilter	100.0000	100.0000	1.000000
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	100.0000	100.0000	1.000000
91_classviewer	ClassViewer	0.0000	0.0000	1.000000
91_classviewer	SAXDirParser	92.0000	92.0000	1.000000
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	100.0000	100.0000	1.000000
19_jmca	JMCAAnalyzer	100.0000	100.0000	1.000000
19_jmca	JavaCharStream	97.4667	96.3333	0.501510
19_jmca	JavaParserTokenManager	100.0000	99.7000	0.317311
24_saxpath	XPathLexer	100.0000	100.0000	1.000000
22_byuic	ScriptOrFnScope	100.0000	100.0000	1.000000
39_diffi	StringIncrementor	100.0000	100.0000	1.000000
39_diffi	IndexedString	100.0000	100.0000	1.000000
90_dcparseargs	ArgsParser	100.0000	100.0000	1.000000
43_hilith	AccessEvent	100.0000	100.0000	1.000000
79_twfbplayer	SimpleSector	100.0000	100.0000	1.000000
12_dsachat	Handler	100.0000	100.0000	1.000000
94_jclo	JCLO	75.5333	74.2414	0.160480
61_noen	ProbelInformation	100.0000	100.0000	1.000000
64_jtailgui	JTailPanel	10.8696	7.1429	0.179712
8_gfarcegestionfa	ModifTableStockage	88.0435	90.1379	0.105772
21_geo-google	GeoStatusCode	100.0000	100.0000	1.000000
21_geo-google	AddressToUsAddressFuncionr	100.0000	100.0000	1.000000
40_glengineer	GroupAgent	82.0000	81.3214	0.603151
40_glengineer	Block	99.6000	97.6000	0.058782
32_httpanalyzer	Password	67.0000	67.0000	1.000000
82_ipcalculator	BinaryCalculate	80.0000	80.0000	1.000000
82_ipcalculator	WhoIS	100.0000	100.0000	1.000000
87_jaw-br	Salvar	0.0000	0.0000	1.000000
100_jgaap	jgaapGUI	100.0000	100.0000	1.000000
89_jiggler	LevelSetNudge	100.0000	100.0000	1.000000
26_jipa	Variable	100.0000	100.0000	1.000000
45_lotus	Game	83.0000	83.0000	1.000000
45_lotus	Phase	100.0000	100.0000	1.000000
69_lhamacaw	MacawWorkBench	25.0000	25.0000	1.000000
69_lhamacaw	DisplayableListPanel	8.2727	9.9231	0.857082
2_a4j	Product	100.0000	100.0000	1.000000
2_a4j	FileUtil	100.0000	100.0000	1.000000
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPathResult	100.0000	100.0000	1.000000
60_sugar	FSPathExplorer	71.5000	71.0000	0.317311
83_xbus	XBUSClassLoader	0.0000	0.0000	1.000000
31_xisemele	OperationsHelperImpl	100.0000	100.0000	1.000000
15_beanbin	MethodReflectionCriteria	100.0000	100.0000	1.000000
36_schemaspy	Table	4.0000	4.0667	0.563703
36_schemaspy	TableMeta	43.3333	55.1724	0.248213
102_squirrel-sql	CascadeInternalFramePositioner	100.0000	100.0000	1.000000
86_at-robots2-j	RobotRenderer	97.3077	99.6000	0.033895
86_at-robots2-j	Robot	81.4333	81.2333	0.435507
52_lagoon	LagoonCLI	100.0000	100.0000	1.000000
52_lagoon	LagoonGUI	0.0000	0.0000	1.000000
44_summa	ExposedTimSort	100.0000	100.0000	1.000000
74_fixsuite	Library	100.0000	100.0000	1.000000
74_fixsuite	TreeView	86.0000	86.0000	1.000000
92_jcvi-javacommon	Distance	100.0000	100.0000	1.000000
18_jsecurity	AntPathMatcher	100.0000	100.0000	1.000000
51_jiprof	LocalVariablesSorter	83.3667	85.5667	0.860540
37_petsoar	CreditCardInfo	100.0000	100.0000	1.000000
24_saxpath	Axis	100.0000	100.0000	1.000000
84_ifx-framework	IFXObject	100.0000	100.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	0.0000	0.0000	1.000000
58_fps370	TederFrame	0.0000	0.0000	1.000000
14_omjstate	Transition	58.0000	58.0000	1.000000
85_shop	JSJshop	62.1111	62.8214	0.658601
107_weka	ICSSearchAlgorithm	81.6667	84.2963	0.624206
107_weka	FindWithCapabilities	0.0000	0.0000	1.000000
80_wheelwebtool	ClassReader	58.5667	64.8500	0.190423
80_wheelwebtool	ClassWriter	96.5172	96.0667	0.433892
80_wheelwebtool	FieldWriter	100.0000	100.0000	1.000000

Table 6: MethodNoExceptionVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	100.0000	100.0000	1.000000
95_celwars2009	Client	100.0000	100.0000	1.000000
47_dvd-homevideo	Convert	100.0000	100.0000	1.000000
98_trans-locator	FoxHuntFrame	100.0000	100.0000	1.000000
95_celwars2009	MP3	6.8966	6.6667	0.563703
47_dvd-homevideo	Menu	100.0000	100.0000	1.000000
99_newzgrabber	BatchDriver	100.0000	98.9000	0.317311
99_newzgrabber	Downloader	98.1481	98.2759	1.000000
99_newzgrabber	Newzgrabber	100.0000	100.0000	1.000000
50_biff	Scanner	100.0000	100.0000	1.000000
72_battlecry	battlecryGUI	100.0000	100.0000	1.000000
72_battlecry	bcGenerator	100.0000	100.0000	1.000000
68_biblestudy	Verse	100.0000	100.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	100.0000	100.0000	1.000000
4_rif	WebServiceDescriptor	100.0000	100.0000	1.000000
54_db-everywhere	SapdbTableList	100.0000	100.0000	1.000000
65_gsftp	FtpApplet	100.0000	100.0000	1.000000
7_sfmis	Base64	100.0000	98.8000	0.083265
1_tullibee	ExecutionFilter	100.0000	100.0000	1.000000
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	100.0000	100.0000	1.000000
91_classviewer	ClassViewer	100.0000	100.0000	1.000000
91_classviewer	SAXDirParser	100.0000	100.0000	1.000000
48_resources4j	AbstractResources	100.0000	100.0000	1.000000
33_javaviewcontrol	TokenMgrError	100.0000	100.0000	1.000000
19_jmca	JMCAAnalyzer	100.0000	100.0000	1.000000
19_jmca	JavaCharStream	100.0000	99.8667	0.317311
19_jmca	JavaParserTokenManager	100.0000	99.6333	0.317311
24_saxpath	XPathLexer	100.0000	100.0000	1.000000
22_byuic	ScriptOrFnScope	100.0000	100.0000	1.000000
39_diffi	StringIncrementor	99.2000	100.0000	0.083265
39_diffi	IndexedString	100.0000	100.0000	1.000000
90_dcparseargs	ArgsParser	100.0000	100.0000	1.000000
43_hilith	AccessEvent	100.0000	100.0000	1.000000
79_twfbplayer	SimpleSector	100.0000	100.0000	1.000000
12_dsachat	Handler	100.0000	100.0000	1.000000
94_jclo	JCLO	100.0000	100.0000	1.000000
61_noen	ProbelInformation	100.0000	100.0000	1.000000
64_jtailgui	JTailPanel	100.0000	100.0000	1.000000
8_gfarcegestionfa	ModifTableStockage	100.0000	100.0000	1.000000
21_geo-google	GeoStatusCode	100.0000	100.0000	1.000000
21_geo-google	AddressToUsAddressFuncionr	100.0000	100.0000	1.000000
40_glengineer	GroupAgent	100.0000	100.0000	1.000000
40_glengineer	Block	100.0000	100.0000	1.000000
32_httpanalyzer	Password	100.0000	100.0000	1.000000
82_ipcalculator	BinaryCalculate	100.0000	100.0000	1.000000
82_ipcalculator	WhoIS	100.0000	100.0000	1.000000
87_jaw-br	Salvar	100.0000	100.0000	1.000000
100_jgaap	jgaapGUI	100.0000	100.0000	1.000000
89_jiggler	LevelSetNudge	100.0000	100.0000	1.000000
26_jipa	Variable	59.1250	59.8929	0.801397
45_lotus	Game	100.0000	100.0000	1.000000
45_lotus	Phase	100.0000	100.0000	1.000000
69_lhamacaw	MacawWorkBench	100.0000	100.0000	1.000000
69_lhamacaw	DisplayableListPanel	100.0000	100.0000	1.000000
2_a4j	Product	96.6667	100.0000	0.317311
2_a4j	FileUtil	100.0000	100.0000	1.000000
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPATHResult	100.0000	100.0000	1.000000
60_sugar	FSPATHExplorer	100.0000	100.0000	1.000000
83_xbus	XBUSClassLoader	100.0000	100.0000	1.000000
31_xisemele	OperationsHelperImpl	100.0000	100.0000	1.000000
15_beanbin	MethodReflectionCriteria	99.4333	100.0000	0.317311
36_schemaspy	Table	100.0000	100.0000	1.000000
36_schemaspy	TableMeta	100.0000	100.0000	1.000000
102_squirrel-sql	CascadeInternalFramePositioner	100.0000	100.0000	1.000000
86_at-robots2-j	RobotRenderer	100.0000	100.0000	1.000000
86_at-robots2-j	Robot	100.0000	100.0000	1.000000
52_lagoon	LagoonCLI	100.0000	100.0000	1.000000
52_lagoon	LagoonGUI	100.0000	100.0000	1.000000
44_summa	ExposedTimSort	100.0000	100.0000	1.000000
74_fixsuite	Library	100.0000	100.0000	1.000000
74_fixsuite	TreeView	100.0000	100.0000	1.000000
92_jcvi-javacommon	Distance	100.0000	100.0000	1.000000
18_jsecurity	AntPathMatcher	100.0000	100.0000	1.000000
51_jiprof	LocalVariablesSorter	97.7667	98.5333	0.654721
37_petsoar	CreditCardInfo	100.0000	100.0000	1.000000
24_saxpath	Axis	100.0000	100.0000	1.000000
84_ifx-framework	IFXObject	100.0000	100.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	100.0000	100.0000	1.000000
58_fps370	TederFrame	100.0000	100.0000	1.000000
14_omjstate	Transition	100.0000	100.0000	1.000000
85_shop	JSJshop	100.0000	100.0000	1.000000
107_weka	ICSSearchAlgorithm	100.0000	100.0000	1.000000
107_weka	FindWithCapabilities	100.0000	100.0000	1.000000
80_wheelwebtool	ClassReader	100.0000	100.0000	1.000000
80_wheelwebtool	ClassWriter	100.0000	100.0000	1.000000
80_wheelwebtool	FieldWriter	100.0000	100.0000	1.000000

Table 7: ExceptionVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	0.0000	0.0000	1.000000
95_celwars2009	Client	0.0000	0.0000	1.000000
47_dvd-homevideo	Convert	0.0000	0.0000	1.000000
98_trans-locator	FoxHuntFrame	100.0000	100.0000	1.000000
95_celwars2009	MP3	100.0000	100.0000	1.000000
47_dvd-homevideo	Menu	0.0000	0.0000	1.000000
99_newzgrabber	BatchDriver	18.9000	16.9000	0.536657
99_newzgrabber	Downloader	85.1852	83.3103	0.257307
99_newzgrabber	Newzgrabber	67.0000	62.7500	0.157299
50_biff	Scanner	17.4706	30.2308	0.045745
72_battlecry	battlecryGUI	100.0000	100.0000	1.000000
72_battlecry	bcGenerator	33.0000	33.0000	1.000000
68_biblestudy	Verse	20.0000	20.0000	1.000000
68_biblestudy	Queue	74.0000	74.0000	1.000000
75_openhre	ExpressionImpl	80.8333	81.3333	0.498709
4_rif	WebServiceDescriptor	67.0000	67.0000	1.000000
54_db-everywhere	SapdbTableList	0.0000	0.0000	1.000000
65_gsftp	FtpApplet	0.0000	0.0000	1.000000
7_sfmis	Base64	67.0000	67.0000	1.000000
1_tullibee	ExecutionFilter	100.0000	100.0000	1.000000
11_imsmart	HTMLFilter	100.0000	100.0000	1.000000
91_classviewer	ClassInfo	54.7333	55.0333	0.379192
91_classviewer	ClassViewer	0.0000	0.0000	1.000000
91_classviewer	SAXDirParser	39.8333	39.1667	0.482247
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	67.0000	67.0000	1.000000
19_jmca	JMCAAnalyzer	33.0000	33.0000	1.000000
19_jmca	JavaCharStream	63.5000	63.1667	0.770000
19_jmca	JavaParserTokenManager	50.0000	49.1667	0.317311
24_saxpath	XPathLexer	37.1379	37.2333	0.438578
22_byuic	ScriptOrFnScope	74.4667	74.4483	1.000000
39_diffi	StringIncrementor	60.0000	60.0000	1.000000
39_diffi	IndexedString	79.1000	74.6667	0.371093
90_dcparseargs	ArgsParser	73.7000	75.5667	0.327478
43_lilith	AccessEvent	90.9545	91.3333	0.458404
79_twfbplayer	SimpleSector	85.8421	86.0000	0.317311
12_dsachat	Handler	100.0000	100.0000	1.000000
94_jclo	JCLO	29.0000	27.8966	0.104933
61_noen	ProbelInformation	88.0000	88.0000	1.000000
64_jtailgui	JTailPanel	4.0435	3.3214	0.179712
8_gfarcegestionfa	ModifTableStockage	35.0435	35.2069	0.332863
21_geo-google	GeoStatusCode	45.0000	45.0000	1.000000
21_geo-google	AddressToUsAddressFuncionr	50.0000	50.0000	1.000000
40_glengineer	GroupAgent	23.4615	23.0714	0.716837
40_glengineer	Block	46.6333	46.8000	0.986012
32_httpanalyzer	Password	17.0000	17.0000	1.000000
82_ipcalculator	BinaryCalculate	56.0000	56.0000	1.000000
82_ipcalculator	WhoIS	100.0000	100.0000	1.000000
87_jaw-br	Salvar	100.0000	100.0000	1.000000
100_jgaap	jgaapGUI	100.0000	100.0000	1.000000
89_jiggler	LevelSetNudge	33.0000	33.0000	1.000000
26_jipa	Variable	92.5000	92.1429	1.000000
45_lotus	Game	100.0000	100.0000	1.000000
45_lotus	Phase	100.0000	100.0000	1.000000
69_lhamacaw	MacawWorkBench	100.0000	100.0000	1.000000
69_lhamacaw	DisplayableListPanel	3.7273	5.1923	0.479500
2_a4j	Product	50.0000	50.0000	1.000000
2_a4j	FileUtil	19.8636	18.4231	0.091197
55_lavalamp	TimeOfDay	75.0000	75.0000	1.000000
60_sugar	FSPathResult	81.3103	81.8000	0.271631
60_sugar	FSPathExplorer	100.0000	100.0000	1.000000
83_xbus	XBUSClassLoader	0.0000	0.0000	1.000000
31_xisemele	OperationsHelperImpl	69.0000	68.4091	0.317311
15_beanbin	MethodReflectionCriteria	67.0000	67.0000	1.000000
36_schemaspy	Table	0.9667	0.9667	1.000000
36_schemaspy	TableMeta	23.9000	33.5862	0.144154
102_squirrel-sql	CascadeInternalFramePositioner	100.0000	100.0000	1.000000
86_at-robots2-j	RobotRenderer	99.5385	100.0000	0.317311
86_at-robots2-j	Robot	33.9667	34.4667	0.551897
52_lagoon	LagoonCLI	100.0000	100.0000	1.000000
52_lagoon	LagoonGUI	100.0000	100.0000	1.000000
44_summa	ExposedTimSort	100.0000	100.0000	1.000000
74_fixsuite	Library	36.0000	36.6000	0.317311
74_fixsuite	TreeView	100.0000	100.0000	1.000000
92_jcvi-javacommon	Distance	91.0000	91.0000	1.000000
18_jsecurity	AntPathMatcher	92.0000	92.0000	1.000000
51_jiprof	LocalVariablesSorter	61.2667	63.4667	0.982349
37_petsoar	CreditCardInfo	88.0000	88.0000	1.000000
24_saxpath	Axis	67.0000	67.0000	1.000000
84_ifx-framework	IFXObject	60.0000	60.0000	1.000000
5_templateit	Region	90.0000	90.0000	1.000000
73_fim1	UpdateUserPanel	100.0000	100.0000	1.000000
58_fps370	TederFrame	0.0000	0.0000	1.000000
14_omjstate	Transition	39.3913	40.0000	0.317311
85_shop	JSJshop	17.3333	17.8214	0.444121
107_weka	ICSSearchAlgorithm	30.5000	31.9630	0.463378
107_weka	FindWithCapabilities	0.0000	0.0000	1.000000
80_wheelwebtool	ClassReader	22.3000	27.6500	0.136101
80_wheelwebtool	ClassWriter	40.3448	41.2667	0.268439
80_wheelwebtool	FieldWriter	40.0000	40.0000	1.000000

Table 8: OutputVals

Project	Class	DynaMOSA	Bet and Run	p-Value
47_dvd-homevideo	Capture	0.0000	0.0000	1.000000
95_celwars2009	Client	0.0000	0.0000	1.000000
47_dvd-homevideo	Convert	0.0000	0.0000	1.000000
98_trans-locator	FoxHuntFrame	0.0000	0.0000	1.000000
95_celwars2009	MP3	0.0000	0.0000	1.000000
47_dvd-homevideo	Menu	4.0000	4.0000	1.000000
99_newzgrabber	BatchDriver	26.6667	23.5000	0.449892
99_newzgrabber	Downloader	21.6296	21.4138	0.156434
99_newzgrabber	Newzgrabber	52.5789	52.2083	0.491297
50_biff	Scanner	1.4118	2.2308	0.094696
72_battlecry	battlecryGUI	0.0000	0.0000	1.000000
72_battlecry	bcGenerator	2.7931	6.1000	0.395108
68_biblestudy	Verse	59.0000	59.0000	1.000000
68_biblestudy	Queue	100.0000	100.0000	1.000000
75_openhre	ExpressionImpl	98.0000	98.0000	1.000000
4_rif	WebServiceDescriptor	98.0000	98.0000	1.000000
54_db-everywhere	SapdbTableList	0.0000	0.0000	1.000000
65_gsftp	FtpApplet	0.0000	0.0000	1.000000
7_sfmis	Base64	97.8667	97.9667	0.083265
1_tullibee	ExecutionFilter	93.9667	92.5667	0.179712
11_imsmart	HTMLFilter	97.0000	97.0000	1.000000
91_classviewer	ClassInfo	88.2333	88.5667	0.247116
91_classviewer	ClassViewer	1.0000	1.0000	1.000000
91_classviewer	SAXDirParser	94.4000	95.0333	0.091584
48_resources4j	AbstractResources	0.0000	0.0000	1.000000
33_javaviewcontrol	TokenMgrError	93.1667	93.9655	0.517439
19_jmca	JMCAAnalyzer	8.1154	13.0690	0.003909
19_jmca	JavaCharStream	77.4333	79.3333	0.209333
19_jmca	JavaParserTokenManager	28.7667	29.9333	0.254296
24_saxpath	XPathLexer	76.0345	75.6667	0.333059
22_byuic	ScriptOrFnScope	67.0000	67.0000	1.000000
39_diffi	StringIncrementor	81.4000	81.1667	0.466854
39_diffi	IndexedString	93.4333	92.0333	0.107461
90_dcparseargs	ArgsParser	80.2000	82.3000	0.696662
43_lilith	AccessEvent	98.0000	97.8750	0.179712
79_twfbplayer	SimpleSector	93.5263	93.9048	0.317311
12_dsachat	Handler	20.7667	19.5333	0.145025
94_jclo	JCLO	55.9333	56.6897	0.485373
61_noen	ProbelInformation	97.2000	97.5862	0.018373
64_jtailgui	JTailPanel	8.5217	3.7500	0.108809
8_gfarcegestionfa	ModifTableStockage	89.1304	88.6897	0.861815
21_geo-google	GeoStatusCode	100.0000	100.0000	1.000000
21_geo-google	AddressToUsAddressFuncior	5.0000	5.0000	1.000000
40_glengineer	GroupAgent	74.9615	75.2500	0.965787
40_glengineer	Block	98.0000	98.0000	1.000000
32_httpanalyzer	Password	96.0000	96.0000	1.000000
82_ipcalculator	BinaryCalculate	85.1000	88.9333	0.001418
82_ipcalculator	WhoIS	63.2000	59.5294	0.317311
87_jaw-br	Salvar	0.0000	0.0000	1.000000
100_jgaap	jgaapGUI	54.8636	55.5714	0.276303
89_jiggler	LevelSetNudge	48.7037	47.9310	0.948864
26_jipa	Variable	91.6250	89.8929	0.591505
45_lotus	Game	62.9200	63.0000	0.317311
45_lotus	Phase	100.0000	100.0000	1.000000
69_lhamacaw	MacawWorkBench	25.2000	25.2667	0.781511
69_lhamacaw	DisplayableListPanel	10.8636	11.6923	0.857082
2_a4j	Product	53.0000	53.0000	1.000000
2_a4j	FileUtil	78.5455	80.0000	0.269882
55_lavalamp	TimeOfDay	100.0000	100.0000	1.000000
60_sugar	FSPathResult	100.0000	100.0000	1.000000
60_sugar	FSPathExplorer	81.2667	82.3667	0.136946
83_xbus	XBUSClassLoader	6.0000	6.0000	1.000000
31_xisemele	OperationsHelperImpl	35.9091	35.4545	0.317311
15_beanbin	MethodReflectionCriteria	92.9667	93.0000	0.317311
36_schemaspy	Table	7.5667	7.7667	0.255509
36_schemaspy	TableMeta	100.0000	100.0000	1.000000
102_squirrel-sql	CascadeInternalFramePositioner	88.5500	90.8636	0.379524
86_at-robots2-j	RobotRenderer	10.7308	12.4000	0.179712
86_at-robots2-j	Robot	30.0000	30.5333	0.300923
52_lagoon	LagoonCLI	60.3667	60.2667	0.885668
52_lagoon	LagoonGUI	0.0000	0.0000	1.000000
44_summa	ExposedTimSort	35.2667	35.3333	0.949122
74_fixsuite	Library	5.0000	6.4667	0.102470
74_fixsuite	TreeView	44.6250	44.1852	1.000000
92_jcvi-javacommon	Distance	99.9333	99.8667	0.414216
18_jsecurity	AntPathMatcher	95.0000	94.9667	0.317311
51_jiprof	LocalVariablesSorter	79.7000	84.6667	0.614874
37_petsoar	CreditCardInfo	93.0000	93.0000	1.000000
24_saxpath	Axis	91.0000	91.0000	1.000000
84_ifx-framework	IFXObject	70.0000	70.0000	1.000000
5_templateit	Region	100.0000	100.0000	1.000000
73_fim1	UpdateUserPanel	0.0000	0.0000	1.000000
58_fps370	TederFrame	0.0000	0.0000	1.000000
14_omjstate	Transition	9.0000	9.0000	1.000000
85_shop	JSJshop	38.8333	37.3929	0.947878
107_weka	ICSSearchAlgorithm	37.9583	41.8148	0.291269
107_weka	FindWithCapabilities	0.0000	0.0000	1.000000
80_wheelwebtool	ClassReader	60.6000	62.1500	0.710922
80_wheelwebtool	ClassWriter	95.9655	95.9667	0.922974
80_wheelwebtool	FieldWriter	95.5000	95.6000	0.817356

Table 9: WeakMutationVals