Pit Test Coverage Report

Project Summary

Number of Classes	Line Coverage		Mutation Coverage	
486	91%	38959/42579	82%	26007/31877

Breakdown by Package

Name	Number of Classes	Line Coverage	Mutation Coverage
org.apache.commons.math4.analysis	1	96% 26/27	96% 26/27
org.apache.commons.math4.analysis.differentiation	6	100% 1249/1254	92% 1133/1234
org.apache.commons.math4.analysis.function	45	98% 396/404	91% 378/415
org.apache.commons.math4.analysis.integration	6	90% 200/223	83% 141/169
org.apache.commons.math4.analysis.integration.gauss	8	98% 353/359	73% 198/273
org.apache.commons.math4.analysis.interpolation	18	93% 1012/1085	90% 909/1010
org.apache.commons.math4.analysis.polynomials	5	85% 340/402	80% 318/398
org.apache.commons.math4.analysis.solvers	15	88% 794/903	71% 520/735
org.apache.commons.math4.complex	1	89% 102/114	79% 37/47
org.apache.commons.math4.dfp	4	91% 1645/1807	91% 1439/1578
org.apache.commons.math4.distribution	10	85% 514/605	71% 326/456
org.apache.commons.math4.distribution.fitting	1	93% 121/130	83% 90/108
org.apache.commons.math4.exception	16	81% 110/136	48% 22/46
org.apache.commons.math4.exception.util	4	98% 432/442	89% 54/61
org.apache.commons.math4.field.linalg	2	96% 207/216	91% 182/200
org.apache.commons.math4.filter	3	75% 91/122	66% 27/41
org.apache.commons.math4.fitting	7	95% 300/317	76% 142/188
org.apache.commons.math4.fitting.leastsquares	10	92% 626/683	93% 497/534
org.apache.commons.math4.genetics	18	92% 414/448	81% 215/265
org.apache.commons.math4.geometry.euclidean.threed	4	100% 859/859	86% 360/421
org.apache.commons.math4.linear	44	91% 6685/7346	83% 6182/7445

Name	Number of Classes	Line Coverage	Mutation Coverage
org.apache.commons.math4.ml.clustering	10	81% 360/442	60% 151/252
org.apache.commons.math4.ml.clustering.evaluation	2	97% 61/63	87% 45/52
org.apache.commons.math4.ml.clustering.initialization	2	92% 55/60	78% 36/46
org.apache.commons.math4.ml.distance	5	100% 23/23	90% 18/20
org.apache.commons.math4.ml.neuralnet	4	69% 189/273	60% 70/116
org.apache.commons.math4.ml.neuralnet.oned	1	91% 48/53	89% 40/45
org.apache.commons.math4.ml.neuralnet.sofm	4	95% 61/64	86% 24/28
org.apache.commons.math4.ml.neuralnet.sofm.util	2	100% 31/31	92% 24/26
org.apache.commons.math4.ml.neuralnet.twod	1	88% 178/202	93% 154/166
org.apache.commons.math4.ml.neuralnet.twod.util	6	9% 17/182	9% 10/114
org.apache.commons.math4.ode	19	93% 1008/1082	72% 473/656
org.apache.commons.math4.ode.events	3	83% 230/277	65% 135/207
org.apache.commons.math4.ode.nonstiff	49	98% 3430/3502	88% 2489/2823
org.apache.commons.math4.ode.sampling	7	79% 356/449	76% 164/217
org.apache.commons.math4.optim	14	93% 255/273	82% 129/158
org.apache.commons.math4.optim.linear	9	90% 408/451	83% 274/332
org.apache.commons.math4.optim.nonlinear.scalar	9	96% 175/183	84% 84/100
org.apache.commons.math4.optim.nonlinear.scalar.gradient	1	96% 79/82	93% 43/46
org.apache.commons.math4.optim.nonlinear.scalar.noderiv	7	89% 1823/2057	76% 1754/2293
org.apache.commons.math4.optim.univariate	8	94% 343/363	73% 198/270
org.apache.commons.math4.random	10	81% 299/369	65% 196/303
org.apache.commons.math4.special	1	95% 262/277	65% 240/368
org.apache.commons.math4.stat	2	89% 180/203	79% 110/140
org.apache.commons.math4.stat.correlation	6	92% 304/330	90% 257/287
org.apache.commons.math4.stat.descriptive	10	86% 724/839	70% 370/527
org.apache.commons.math4.stat.descriptive.moment	13	85% 507/595	76% 359/472

Name	Number of Classes	Line Coverage	Mutation Coverage
org.apache.commons.math4.stat.descriptive.rank	5	94% 472/504	89% 291/326
org.apache.commons.math4.stat.descriptive.summary	4	90% 117/130	84% 70/83
org.apache.commons.math4.stat.inference	2	86% 96/112	78% 80/103
org.apache.commons.math4.stat.interval	6	95% 86/91	93% 101/109
org.apache.commons.math4.stat.ranking	1	93% 125/134	93% 66/71
org.apache.commons.math4.stat.regression	6	82% 844/1033	74% 851/1143
org.apache.commons.math4.transform	5	94% 332/353	96% 301/315
org.apache.commons.math4.util	24	94% 9005/9615	80% 3204/4012

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