

Class	Probability	Axis Counter
org.apache.commons.math3.analysis.BivariateFunction	0.5	61
org.apache.commons.math3.analysis.DifferentiableMultivariateFunction	0.75	5
org.apache.commons.math3.analysis.DifferentiableMultivariateVectorFunction	0.75	5
org.apache.commons.math3.analysis.DifferentiableUnivariateFunction	0.75	41
org.apache.commons.math3.analysis.DifferentiableUnivariateMatrixFunction	0.75	0
org.apache.commons.math3.analysis.DifferentiableUnivariateVectorFunction	0.75	0
org.apache.commons.math3.analysis.differentiation.DerivativeStructure\$1	1	1
org.apache.commons.math3.analysis.differentiation.DerivativeStructure\$DataTransferObject	1	1
org.apache.commons.math3.analysis.differentiation.DerivativeStructure	1	115
org.apache.commons.math3.analysis.differentiation.DSCompiler	0.99999999	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiator\$1	1	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiator\$2	1	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiator\$3	1	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiator	1	4
org.apache.commons.math3.analysis.differentiation.GradientFunction	1	2
org.apache.commons.math3.analysis.differentiation.JacobianFunction	1	1
org.apache.commons.math3.analysis.differentiation.MultivariateDifferentiableFunction	0.75	11
org.apache.commons.math3.analysis.differentiation.MultivariateDifferentiableVectorFunction	0.75	20
org.apache.commons.math3.analysis.differentiation.SparseGradient\$1	0.96875	1
org.apache.commons.math3.analysis.differentiation.SparseGradient	0.96875	2
org.apache.commons.math3.analysis.differentiation.UnivariateDifferentiableFunction	1	51
org.apache.commons.math3.analysis.differentiation.UnivariateDifferentiableMatrixFunction	1	1
org.apache.commons.math3.analysis.differentiation.UnivariateDifferentiableVectorFunction	1	2

org.apache.commons.math3.analysis.differentiation.UnivariateFunctionD ifferentiator	0.75	1
org.apache.commons.math3.analysis.differentiation.UnivariateMatrixFun ctionDifferentiator	0.75	1
org.apache.commons.math3.analysis.differentiation.UnivariateVectorFun ctionDifferentiator	0.75	1
org.apache.commons.math3.analysis.function.Abs	0.75	2
org.apache.commons.math3.analysis.function.Acos	1	2
org.apache.commons.math3.analysis.function.Acosh	1	0
org.apache.commons.math3.analysis.function.Add	0.75	2
org.apache.commons.math3.analysis.function.Asin	1	2
org.apache.commons.math3.analysis.function.Asinh	1	0
org.apache.commons.math3.analysis.function.Atan	1	2
org.apache.commons.math3.analysis.function.Atan2	0.75	0
org.apache.commons.math3.analysis.function.Atanh	1	0
org.apache.commons.math3.analysis.function.Cbrt	1	2
org.apache.commons.math3.analysis.function.Ceil	0.75	2
org.apache.commons.math3.analysis.function.Constant	1	7
org.apache.commons.math3.analysis.function.Cos	1	6
org.apache.commons.math3.analysis.function.Cosh	1	4
org.apache.commons.math3.analysis.function.Divide	0.75	2
org.apache.commons.math3.analysis.function.Exp	1	2
org.apache.commons.math3.analysis.function.Expm1	1	7
org.apache.commons.math3.analysis.function.Floor	0.75	2
org.apache.commons.math3.analysis.function.Gaussian\$Parametric	1	4
org.apache.commons.math3.analysis.function.Gaussian	1	4
org.apache.commons.math3.analysis.function.HarmonicOscillator\$Param etric	0.99999619	4
org.apache.commons.math3.analysis.function.HarmonicOscillator	1	5
org.apache.commons.math3.analysis.function.Identity	1	2
org.apache.commons.math3.analysis.function.Inverse	1	5
org.apache.commons.math3.analysis.function.Log	1	4
org.apache.commons.math3.analysis.function.Log10	1	1
org.apache.commons.math3.analysis.function.Log1p	1	2
org.apache.commons.math3.analysis.function.Logistic\$Parametric	1	1
org.apache.commons.math3.analysis.function.Logistic	1	2
org.apache.commons.math3.analysis.function.Logit\$Parametric	0.99999619	1
org.apache.commons.math3.analysis.function.Logit	1	3
org.apache.commons.math3.analysis.function.Max	0.75	1
org.apache.commons.math3.analysis.function.Min	0.75	1
org.apache.commons.math3.analysis.function.Minus	1	1
org.apache.commons.math3.analysis.function.Multiply	0.75	2
org.apache.commons.math3.analysis.function.Pow	0.75	1
org.apache.commons.math3.analysis.function.Power	1	4

org.apache.commons.math3.analysis.function.Rint	0.75	2
org.apache.commons.math3.analysis.function.Sigmoid\$Parametric	0.99999619	2
org.apache.commons.math3.analysis.function.Sigmoid	1	5
org.apache.commons.math3.analysis.function.Signum	0.75	2
org.apache.commons.math3.analysis.function.Sin	1	29
org.apache.commons.math3.analysis.function.Sinc	1	6
org.apache.commons.math3.analysis.function.Sinh	1	3
org.apache.commons.math3.analysis.function.Sqrt	1	5
org.apache.commons.math3.analysis.function.StepFunction	0.99999997	3
org.apache.commons.math3.analysis.function.Subtract	0.75	0
org.apache.commons.math3.analysis.function.Tan	1	2
org.apache.commons.math3.analysis.function.Tanh	1	2
org.apache.commons.math3.analysis.function.Ulp	0.75	1
org.apache.commons.math3.analysis.FunctionUtils\$1	0.75	1
org.apache.commons.math3.analysis.FunctionUtils\$10	0.875	1
org.apache.commons.math3.analysis.FunctionUtils\$11	0.9375	1
org.apache.commons.math3.analysis.FunctionUtils\$12	0.875	1
org.apache.commons.math3.analysis.FunctionUtils\$13	0.875	1
org.apache.commons.math3.analysis.FunctionUtils\$14\$1	1	1
org.apache.commons.math3.analysis.FunctionUtils\$14	0.96875	2
org.apache.commons.math3.analysis.FunctionUtils\$15	1	1
org.apache.commons.math3.analysis.FunctionUtils\$16\$1	1	1
org.apache.commons.math3.analysis.FunctionUtils\$16\$2	1	1
org.apache.commons.math3.analysis.FunctionUtils\$16	0.99804688	3
org.apache.commons.math3.analysis.FunctionUtils\$17	1	1
org.apache.commons.math3.analysis.FunctionUtils\$18\$1	1	1
org.apache.commons.math3.analysis.FunctionUtils\$18	0.9921875	2
org.apache.commons.math3.analysis.FunctionUtils\$19	1	1
org.apache.commons.math3.analysis.FunctionUtils\$2	1	1
org.apache.commons.math3.analysis.FunctionUtils\$3\$1	0.96875	1
org.apache.commons.math3.analysis.FunctionUtils\$3	0.96875	2
org.apache.commons.math3.analysis.FunctionUtils\$4	0.75	1
org.apache.commons.math3.analysis.FunctionUtils\$5	1	1
org.apache.commons.math3.analysis.FunctionUtils\$6\$1	0.96875	1
org.apache.commons.math3.analysis.FunctionUtils\$6	0.96875	2
org.apache.commons.math3.analysis.FunctionUtils\$7	0.75	1
org.apache.commons.math3.analysis.FunctionUtils\$8	1	1
org.apache.commons.math3.analysis.FunctionUtils\$9\$1	0.96875	1
org.apache.commons.math3.analysis.FunctionUtils\$9	0.96875	2
org.apache.commons.math3.analysis.FunctionUtils	1	0
org.apache.commons.math3.analysis.integration.BaseAbstractUnivariateIntegrator	1	6
org.apache.commons.math3.analysis.integration.gauss.BaseRuleFactory	0.99999976	5
org.apache.commons.math3.analysis.integration.gauss.GaussIntegrator	0.99975586	4

org.apache.commons.math3.analysis.integration.gauss.GaussIntegratorFactory	1	7
org.apache.commons.math3.analysis.integration.gauss.HermiteRuleFactory	0.99999994	1
org.apache.commons.math3.analysis.integration.gauss.LegendreHighPrecisionRuleFactory	0.99999994	1
org.apache.commons.math3.analysis.integration.gauss.LegendreRuleFactory	0.99999994	1
org.apache.commons.math3.analysis.integration.gauss.SymmetricGaussIntegrator	0.99996948	1
org.apache.commons.math3.analysis.integration.IterativeLegendreGaussIntegrator\$1	1	1
org.apache.commons.math3.analysis.integration.IterativeLegendreGaussIntegrator	1	5
org.apache.commons.math3.analysis.integration.LegendreGaussIntegrator	1	1
org.apache.commons.math3.analysis.integration.MidPointIntegrator	1	1
org.apache.commons.math3.analysis.integration.RombergIntegrator	1	2
org.apache.commons.math3.analysis.integration.SimpsonIntegrator	1	1
org.apache.commons.math3.analysis.integration.TrapezoidIntegrator	1	3
org.apache.commons.math3.analysis.integration.UnivariateIntegrator	0.75	1
org.apache.commons.math3.analysis.interpolation.AkimaSplineInterpolator	1	2
org.apache.commons.math3.analysis.interpolation.BicubicFunction	0.99951172	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunction	1	2
org.apache.commons.math3.analysis.interpolation.BicubicInterpolator\$1	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolator	1	2
org.apache.commons.math3.analysis.interpolation.BicubicSplineFunction\$1	0.99987793	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineFunction\$2	0.99987793	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineFunction\$3	0.99987793	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineFunction\$4	0.99987793	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineFunction\$5	0.99987793	1

org.apache.commons.math3.analysis.interpolation.BicubicSplineFunction	0.99999952	7
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunction	1	3
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolator	1	3
org.apache.commons.math3.analysis.interpolation.BivariateGridInterpolator	0.5	3
org.apache.commons.math3.analysis.interpolation.DividedDifferenceInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.FieldHermiteInterpolator	0.99999619	1
org.apache.commons.math3.analysis.interpolation.HermiteInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.LinearInterpolator	1	3
org.apache.commons.math3.analysis.interpolation.LoessInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.MicrosphereInterpolatingFunction\$MicrosphereSurfaceElement	1	1
org.apache.commons.math3.analysis.interpolation.MicrosphereInterpolatingFunction	1	1
org.apache.commons.math3.analysis.interpolation.MicrosphereInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.MultivariateInterpolator	0.5	1
org.apache.commons.math3.analysis.interpolation.NevilleInterpolator	0.99999976	2
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatingFunction	1	2
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.SmoothingPolynomialBicubicSplineInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.SplineInterpolator	1	3
org.apache.commons.math3.analysis.interpolation.TrubicFunction	0.99951172	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunction	1	2
org.apache.commons.math3.analysis.interpolation.TrubicInterpolator\$1	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolator	1	2
org.apache.commons.math3.analysis.interpolation.TrubicSplineFunction	0.99951172	1

org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunction	1	2
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolator	1	1
org.apache.commons.math3.analysis.interpolation.TrivariateGridInterpolator	0.5	2
org.apache.commons.math3.analysis.interpolation.UnivariateInterpolator	0.5	7
org.apache.commons.math3.analysis.interpolation.UnivariatePeriodicInterpolator\$1	0.99987793	1
org.apache.commons.math3.analysis.interpolation.UnivariatePeriodicInterpolator	0.99987793	2
org.apache.commons.math3.analysis.MultivariateFunction	0.5	127
org.apache.commons.math3.analysis.MultivariateMatrixFunction	0.5	26
org.apache.commons.math3.analysis.MultivariateVectorFunction	0.5	46
org.apache.commons.math3.analysis.ParametricUnivariateFunction	0.5	17
org.apache.commons.math3.analysis.polynomials.PolynomialFunction\$Parametric	0.75	6
org.apache.commons.math3.analysis.polynomials.PolynomialFunction	1	24
org.apache.commons.math3.analysis.polynomials.PolynomialFunctionLagrangeForm	0.99999905	2
org.apache.commons.math3.analysis.polynomials.PolynomialFunctionNewtonForm	1	2
org.apache.commons.math3.analysis.polynomials.PolynomialSplineFunction	1	6
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$1	1	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$2	1	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$3	1	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$4	1	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$5	1	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$JacobiKey	0.5	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils\$RecurrenceCoefficientsGenerator	0.5	6
org.apache.commons.math3.analysis.polynomials.PolynomialsUtils	1	0
org.apache.commons.math3.analysis.solvers.AbstractDifferentiableUnivariateSolver	1	1

org.apache.commons.math3.analysis.solvers.AbstractPolynomialSolver	1	1
org.apache.commons.math3.analysis.solvers.AbstractUnivariateDifferentiableSolver	1	1
org.apache.commons.math3.analysis.solvers.AbstractUnivariateSolver	1	8
org.apache.commons.math3.analysis.solvers.AllowedSolution	0.5	7
org.apache.commons.math3.analysis.solvers.BaseAbstractUnivariateSolver	1	4
org.apache.commons.math3.analysis.solvers.BaseSecantSolver\$1	0.5	0
org.apache.commons.math3.analysis.solvers.BaseSecantSolver\$Method	0.5	1
org.apache.commons.math3.analysis.solvers.BaseSecantSolver	1	3
org.apache.commons.math3.analysis.solvers.BaseUnivariateSolver	0.75	6
org.apache.commons.math3.analysis.solvers.BisectionSolver	1	1
org.apache.commons.math3.analysis.solvers.BracketedUnivariateSolver	0.96875	3
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolver\$1	0.5	0
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolver	1	3
org.apache.commons.math3.analysis.solvers.BrentSolver	1	5
org.apache.commons.math3.analysis.solvers.DifferentiableUnivariateSolver	0.875	1
org.apache.commons.math3.analysis.solvers.IllinoisSolver	1	1
org.apache.commons.math3.analysis.solvers.LaguerreSolver\$1	0.5	1
org.apache.commons.math3.analysis.solvers.LaguerreSolver\$ComplexSolver	1	1
org.apache.commons.math3.analysis.solvers.LaguerreSolver	1	2
org.apache.commons.math3.analysis.solvers.MullerSolver	1	1
org.apache.commons.math3.analysis.solvers.MullerSolver2	1	1
org.apache.commons.math3.analysis.solvers.NewtonRaphsonSolver	1	2
org.apache.commons.math3.analysis.solvers.NewtonSolver	1	1
org.apache.commons.math3.analysis.solvers.PegasusSolver	1	5
org.apache.commons.math3.analysis.solvers.PolynomialSolver	0.875	1
org.apache.commons.math3.analysis.solvers.RegulaFalsiSolver	1	1
org.apache.commons.math3.analysis.solvers.RiddersSolver	1	1
org.apache.commons.math3.analysis.solvers.SecantSolver	1	1
org.apache.commons.math3.analysis.solvers.UnivariateDifferentiableSolver	0.875	1
org.apache.commons.math3.analysis.solvers.UnivariateSolver	0.875	8
org.apache.commons.math3.analysis.solvers.UnivariateSolverUtils	1	0
org.apache.commons.math3.analysis.TrivariateFunction	0.5	40

org.apache.commons.math3.analysis.UnivariateFunction	0.5	127
org.apache.commons.math3.analysis.UnivariateMatrixFunction	0.5	7
org.apache.commons.math3.analysis.UnivariateVectorFunction	0.5	7
org.apache.commons.math3.complex.Complex	0.99987793	15
org.apache.commons.math3.complex.ComplexField\$1	0.5	1
org.apache.commons.math3.complex.ComplexField\$LazyHolder	0.9375	0
org.apache.commons.math3.complex.ComplexField	0.875	1
org.apache.commons.math3.complex.ComplexFormat	1	2
org.apache.commons.math3.complex.ComplexUtils	0.99999809	0
org.apache.commons.math3.complex.Quaternion	0.99999809	1
org.apache.commons.math3.complex.RootsOfUnity	0.99999994	1
org.apache.commons.math3.dfp.BracektingNthOrderBrentSolverDFP\$1	0.5	0
org.apache.commons.math3.dfp.BracektingNthOrderBrentSolverDFP	1	1
org.apache.commons.math3.dfp.Dfp\$1	0.5	0
org.apache.commons.math3.dfp.Dfp	0.99998474	19
org.apache.commons.math3.dfp.DfpDec\$1	0.5	0
org.apache.commons.math3.dfp.DfpDec	1	2
org.apache.commons.math3.dfp.DfpField\$RoundingMode	0.5	2
org.apache.commons.math3.dfp.DfpField	0.99998474	13
org.apache.commons.math3.dfp.DfpMath	1	0
org.apache.commons.math3.dfp.UnivariateDfpFunction	0.99999237	9
org.apache.commons.math3.distribution.AbstractIntegerDistribution	1	9
org.apache.commons.math3.distribution.AbstractMultivariateRealDistribution	0.99993896	2
org.apache.commons.math3.distribution.AbstractRealDistribution\$1	1	1
org.apache.commons.math3.distribution.AbstractRealDistribution	1	24
org.apache.commons.math3.distribution.BetaDistribution	1	3
org.apache.commons.math3.distribution.BinomialDistribution	1	3
org.apache.commons.math3.distribution.CauchyDistribution	1	3
org.apache.commons.math3.distribution.ChiSquaredDistribution	1	5
org.apache.commons.math3.distribution.ConstantRealDistribution	1	3
org.apache.commons.math3.distribution.EnumeratedDistribution	1	3
org.apache.commons.math3.distribution.EnumeratedIntegerDistribution	1	1
org.apache.commons.math3.distribution.EnumeratedRealDistribution	1	1
org.apache.commons.math3.distribution.ExponentialDistribution	1	4

org.apache.commons.math3.distribution.FDistribution	1	5
org.apache.commons.math3.distribution.fitting.MultivariateNormalMixt ureExpectationMaximization\$DataRow	0.5	1
org.apache.commons.math3.distribution.fitting.MultivariateNormalMixt ureExpectationMaximization	1	1
org.apache.commons.math3.distribution.GammaDistribution	1	4
org.apache.commons.math3.distribution.GeometricDistribution	1	1
org.apache.commons.math3.distribution.GumbelDistribution	1	1
org.apache.commons.math3.distribution.HypergeometricDistribution	1	2
org.apache.commons.math3.distribution.IntegerDistribution	0.5	3
org.apache.commons.math3.distribution.KolmogorovSmirnovDistributio n	1	1
org.apache.commons.math3.distribution.LaplaceDistribution	1	1
org.apache.commons.math3.distribution.LevyDistribution	1	1
org.apache.commons.math3.distribution.LogisticDistribution	1	1
org.apache.commons.math3.distribution.LogNormalDistribution	1	2
org.apache.commons.math3.distribution.MixtureMultivariateNormalDist ribution	1	2
org.apache.commons.math3.distribution.MixtureMultivariateRealDistrib ution	1	2
org.apache.commons.math3.distribution.MultivariateNormalDistribution	1	5
org.apache.commons.math3.distribution.MultivariateRealDistribution	0.5	1
org.apache.commons.math3.distribution.NakagamiDistribution	1	1
org.apache.commons.math3.distribution.NormalDistribution	1	26
org.apache.commons.math3.distribution.ParetoDistribution	1	1
org.apache.commons.math3.distribution.PascalDistribution	1	2
org.apache.commons.math3.distribution.PoissonDistribution	1	3
org.apache.commons.math3.distribution.RealDistribution	0.5	10
org.apache.commons.math3.distribution.SaddlePointExpansion	0.5	0
org.apache.commons.math3.distribution.TDistribution	1	7
org.apache.commons.math3.distribution.TriangularDistribution	1	1
org.apache.commons.math3.distribution.UniformIntegerDistribution	1	6
org.apache.commons.math3.distribution.UniformRealDistribution	1	25
org.apache.commons.math3.distribution.WeibullDistribution	1	3
org.apache.commons.math3.distribution.ZipfDistribution	1	2
org.apache.commons.math3.exception.ConvergenceException	0.9921875	16
org.apache.commons.math3.exception.DimensionMismatchException	0.99804688	124
org.apache.commons.math3.exception.InsufficientDataException	0.9921875	5

org.apache.commons.math3.exception.MathArithmeticException	0.96875	23
org.apache.commons.math3.exception.MathIllegalArgumentException	0.96875	64
org.apache.commons.math3.exception.MathIllegalNumberException	0.9921875	8
org.apache.commons.math3.exception.MathIllegalStateException	0.96875	41
org.apache.commons.math3.exception.MathInternalError	0.9921875	30
org.apache.commons.math3.exception.MathParseException	0.9921875	9
org.apache.commons.math3.exception.MathRuntimeException	0.96875	0
org.apache.commons.math3.exception.MathUnsupportedOperationException	0.96875	21
org.apache.commons.math3.exception.MaxCountExceededException	0.9921875	10
org.apache.commons.math3.exception.MultiDimensionMismatchException	0.9921875	1
org.apache.commons.math3.exception.NoBracketingException	0.9921875	6
org.apache.commons.math3.exception.NoDataException	0.9921875	34
org.apache.commons.math3.exception.NonMonotonicSequenceException	0.99804688	2
org.apache.commons.math3.exception.NotANumberException	0.99609375	4
org.apache.commons.math3.exception.NotFiniteNumberException	0.99804688	3
org.apache.commons.math3.exception.NotPositiveException	0.99951172	29
org.apache.commons.math3.exception.NotStrictlyPositiveException	0.99951172	74
org.apache.commons.math3.exception.NullArgumentException	0.9921875	56
org.apache.commons.math3.exception.NumberIsTooLargeException	0.99804688	51
org.apache.commons.math3.exception.NumberIsTooSmallException	0.99804688	64
org.apache.commons.math3.exception.OutOfRangeException	0.99804688	77
org.apache.commons.math3.exception.TooManyEvaluationsException	0.99609375	12
org.apache.commons.math3.exception.TooManyIterationsException	0.99609375	3
org.apache.commons.math3.exception.util.ArgUtils	0.5	0
org.apache.commons.math3.exception.util.DummyLocalizable	0.75	0
org.apache.commons.math3.exception.util.ExceptionContext	0.75	6
org.apache.commons.math3.exception.util.ExceptionContextProvider	0.5	6
org.apache.commons.math3.exception.util.Localizable	0.5	30
org.apache.commons.math3.exception.util.LocalizedFormats	0.75	1
org.apache.commons.math3.exception.ZeroException	0.99804688	18
org.apache.commons.math3.Field	0.5	19
org.apache.commons.math3.FieldElement	0.5	55

org.apache.commons.math3.filter.DefaultMeasurementModel	1	1
org.apache.commons.math3.filter.DefaultProcessModel	1	1
org.apache.commons.math3.filter.KalmanFilter	1	1
org.apache.commons.math3.filter.MeasurementModel	0.5	2
org.apache.commons.math3.filter.ProcessModel	0.5	2
org.apache.commons.math3.fitting.AbstractCurveFitter\$TheoreticalValuesFunction\$1	0.9375	1
org.apache.commons.math3.fitting.AbstractCurveFitter\$TheoreticalValuesFunction\$2	0.9375	1
org.apache.commons.math3.fitting.AbstractCurveFitter\$TheoreticalValuesFunction	0.984375	6
org.apache.commons.math3.fitting.AbstractCurveFitter	1	4
org.apache.commons.math3.fitting.CurveFitter\$TheoreticalValuesFunction\$1	0.99902344	1
org.apache.commons.math3.fitting.CurveFitter\$TheoreticalValuesFunction\$2	0.99902344	1
org.apache.commons.math3.fitting.CurveFitter\$TheoreticalValuesFunction	1	3
org.apache.commons.math3.fitting.CurveFitter	1	6
org.apache.commons.math3.fitting.GaussianCurveFitter\$1	1	1
org.apache.commons.math3.fitting.GaussianCurveFitter\$ParameterGuesser\$1	1	1
org.apache.commons.math3.fitting.GaussianCurveFitter\$ParameterGuesser	1	2
org.apache.commons.math3.fitting.GaussianCurveFitter	1	0
org.apache.commons.math3.fitting.GaussianFitter\$1	1	1
org.apache.commons.math3.fitting.GaussianFitter\$ParameterGuesser\$1	1	1
org.apache.commons.math3.fitting.GaussianFitter\$ParameterGuesser	1	2
org.apache.commons.math3.fitting.GaussianFitter	1	2
org.apache.commons.math3.fitting.HarmonicCurveFitter\$ParameterGuesser	0.99999997	2
org.apache.commons.math3.fitting.HarmonicCurveFitter	1	0
org.apache.commons.math3.fitting.HarmonicFitter\$ParameterGuesser	0.99999994	2
org.apache.commons.math3.fitting.HarmonicFitter	1	1
org.apache.commons.math3.fitting.leastsquares.AbstractEvaluation	1	3
org.apache.commons.math3.fitting.leastsquares.DenseWeightedEvaluation	1	1
org.apache.commons.math3.fitting.leastsquares.EvaluationRmsChecker	0.875	1
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer\$1	0.5	1
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer\$Decomposition\$1	1	1

org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer \$Decomposition\$2	1	1
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer \$Decomposition\$3	1	1
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer \$Decomposition\$4	1	1
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer \$Decomposition	1	5
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizer	1	4
org.apache.commons.math3.fitting.leastsquares.LeastSquaresAdapter	1	2
org.apache.commons.math3.fitting.leastsquares.LeastSquaresBuilder	1	8
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$1	1	3
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$2	1	1
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$3	0.984375	1
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$Lo calLeastSquaresProblem\$LazyUnweightedEvaluation	1	1
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$Lo calLeastSquaresProblem\$UnweightedEvaluation	1	1
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$Lo calLeastSquaresProblem	1	1
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory\$Lo calValueAndJacobianFunction	1	1
org.apache.commons.math3.fitting.leastsquares.LeastSquaresFactory	1	0
org.apache.commons.math3.fitting.leastsquares.LeastSquaresOptimizer\$ Optimum	0.75	2
org.apache.commons.math3.fitting.leastsquares.LeastSquaresOptimizer	1	3
org.apache.commons.math3.fitting.leastsquares.LeastSquaresProblem\$E valuation	0.5	9
org.apache.commons.math3.fitting.leastsquares.LeastSquaresProblem	1	9
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOp timizer\$InternalData	0.5	1
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOp timizer	1	3
org.apache.commons.math3.fitting.leastsquares.MultivariateJacobianFun ction	1	9
org.apache.commons.math3.fitting.leastsquares.OptimumImpl	0.9375	2
org.apache.commons.math3.fitting.leastsquares.ParameterValidator	1	4

org.apache.commons.math3.fitting.leastsquares.ValueAndJacobianFunction	1	3
org.apache.commons.math3.fitting.PolynomialCurveFitter	1	0
org.apache.commons.math3.fitting.PolynomialFitter	1	2
org.apache.commons.math3.fitting.SimpleCurveFitter	1	0
org.apache.commons.math3.fitting.WeightedObservedPoint	0.5	10
org.apache.commons.math3.fitting.WeightedObservedPoints	0.75	5
org.apache.commons.math3.fraction.AbstractFormat	0.99609375	2
org.apache.commons.math3.fraction.BigFraction	1	18
org.apache.commons.math3.fraction.BigFractionField\$1	0.5	1
org.apache.commons.math3.fraction.BigFractionField\$LazyHolder	0.9375	0
org.apache.commons.math3.fraction.BigFractionField	0.875	1
org.apache.commons.math3.fraction.BigFractionFormat	1	1
org.apache.commons.math3.fraction.Fraction	0.99999976	42
org.apache.commons.math3.fraction.FractionConversionException	0.99609375	2
org.apache.commons.math3.fraction.FractionField\$1	0.5	1
org.apache.commons.math3.fraction.FractionField\$LazyHolder	0.9375	0
org.apache.commons.math3.fraction.FractionField	0.875	1
org.apache.commons.math3.fraction.FractionFormat	1	1
org.apache.commons.math3.fraction.ProperBigFractionFormat	1	1
org.apache.commons.math3.fraction.ProperFractionFormat	1	1
org.apache.commons.math3.genetics.AbstractListChromosome	0.9375	8
org.apache.commons.math3.genetics.BinaryChromosome	0.99996948	3
org.apache.commons.math3.genetics.BinaryMutation	0.99987793	3
org.apache.commons.math3.genetics.Chromosome	0.875	34
org.apache.commons.math3.genetics.ChromosomePair	0.9375	7
org.apache.commons.math3.genetics.CrossoverPolicy	0.9375	6
org.apache.commons.math3.genetics.CycleCrossover	1	1
org.apache.commons.math3.genetics.ElitisticListPopulation	1	5
org.apache.commons.math3.genetics.Fitness	0.5	1
org.apache.commons.math3.genetics.FixedElapsedTime	0.99999237	1
org.apache.commons.math3.genetics.FixedGenerationCount	0.99999237	4
org.apache.commons.math3.genetics.GeneticAlgorithm	1	3
org.apache.commons.math3.genetics.InvalidRepresentationException	0.9921875	2
org.apache.commons.math3.genetics.ListPopulation	1	14
org.apache.commons.math3.genetics.MutationPolicy	0.9375	3
org.apache.commons.math3.genetics.NPointCrossover	1	1
org.apache.commons.math3.genetics.OnePointCrossover	1	4
org.apache.commons.math3.genetics.OrderedCrossover	1	1
org.apache.commons.math3.genetics.PermutationChromosome	0.5	1
org.apache.commons.math3.genetics.Population	0.875	10
org.apache.commons.math3.genetics.RandomKey	1	2
org.apache.commons.math3.genetics.RandomKeyMutation	0.99987793	2
org.apache.commons.math3.genetics.SelectionPolicy	0.9375	2

org.apache.commons.math3.genetics.StoppingCondition	0.9375	3
org.apache.commons.math3.genetics.TournamentSelection\$1	0.9921875	1
org.apache.commons.math3.genetics.TournamentSelection	0.99609375	5
org.apache.commons.math3.genetics.UniformCrossover	1	1
org.apache.commons.math3.geometry.enclosing.Encloser	0.5	1
org.apache.commons.math3.geometry.enclosing.EnclosingBall	0.75	4
org.apache.commons.math3.geometry.enclosing.SupportBallGenerator	0.5	3
org.apache.commons.math3.geometry.enclosing.WelzlEncloser	0.99975586	3
org.apache.commons.math3.geometry.euclidean.oned.Euclidean1D\$1	0.5	1
org.apache.commons.math3.geometry.euclidean.oned.Euclidean1D\$LazyHolder	0.99902344	0
org.apache.commons.math3.geometry.euclidean.oned.Euclidean1D\$NoSubSpaceException	0.984375	1
org.apache.commons.math3.geometry.euclidean.oned.Euclidean1D	0.99804688	1
org.apache.commons.math3.geometry.euclidean.oned.Interval	0.5	2
org.apache.commons.math3.geometry.euclidean.oned.IntervalsSet\$SubIntervalsIterator	0.984375	1
org.apache.commons.math3.geometry.euclidean.oned.IntervalsSet	1	13
org.apache.commons.math3.geometry.euclidean.oned.OrientedPoint	0.99999905	4
org.apache.commons.math3.geometry.euclidean.oned.SubOrientedPoint	1	1
org.apache.commons.math3.geometry.euclidean.oned.Vector1D	0.99999976	15
org.apache.commons.math3.geometry.euclidean.oned.Vector1DFormat	0.99999976	2
org.apache.commons.math3.geometry.euclidean.threed.CardanEulerSingularityException	0.984375	2
org.apache.commons.math3.geometry.euclidean.threed.Euclidean3D\$1	0.5	1
org.apache.commons.math3.geometry.euclidean.threed.Euclidean3D\$LazyHolder	0.9375	0
org.apache.commons.math3.geometry.euclidean.threed.Euclidean3D	0.875	1
org.apache.commons.math3.geometry.euclidean.threed.FieldRotation	1	2
org.apache.commons.math3.geometry.euclidean.threed.FieldVector3D	1	4
org.apache.commons.math3.geometry.euclidean.threed.Line	1	8
org.apache.commons.math3.geometry.euclidean.threed.NotARotationMatrixException	0.9921875	2
org.apache.commons.math3.geometry.euclidean.threed.OutlineExtractor\$BoundaryProjector	1	1

org.apache.commons.math3.geometry.euclidean.threed.OutlineExtractor	1	1
org.apache.commons.math3.geometry.euclidean.threed.Plane	1	6
org.apache.commons.math3.geometry.euclidean.threed.PolyhedronsSet\$FacetsContributionVisitor	1	1
org.apache.commons.math3.geometry.euclidean.threed.PolyhedronsSet\$RotationTransform	1	1
org.apache.commons.math3.geometry.euclidean.threed.PolyhedronsSet\$TranslationTransform	1	1
org.apache.commons.math3.geometry.euclidean.threed.PolyhedronsSet	1	6
org.apache.commons.math3.geometry.euclidean.threed.Rotation	1	17
org.apache.commons.math3.geometry.euclidean.threed.RotationOrder	1	6
org.apache.commons.math3.geometry.euclidean.threed.Segment	1	2
org.apache.commons.math3.geometry.euclidean.threed.SphereGenerator	1	3
org.apache.commons.math3.geometry.euclidean.threed.SphericalCoordinates\$DataTransferObject	0.99999905	1
org.apache.commons.math3.geometry.euclidean.threed.SphericalCoordinates	0.99999905	2
org.apache.commons.math3.geometry.euclidean.threed.SubLine	1	2
org.apache.commons.math3.geometry.euclidean.threed.SubPlane	1	4
org.apache.commons.math3.geometry.euclidean.threed.Vector3D	1	42
org.apache.commons.math3.geometry.euclidean.threed.Vector3DFormat	1	3
org.apache.commons.math3.geometry.euclidean.twod.DiskGenerator	1	3
org.apache.commons.math3.geometry.euclidean.twod.Euclidean2D\$1	0.5	1
org.apache.commons.math3.geometry.euclidean.twod.Euclidean2D\$LazyHolder	0.9375	0
org.apache.commons.math3.geometry.euclidean.twod.Euclidean2D	0.875	1
org.apache.commons.math3.geometry.euclidean.twod.hull.AbstractConvexHullGenerator2D	1	1
org.apache.commons.math3.geometry.euclidean.twod.hull.AklToussaintHeuristic	1	0
org.apache.commons.math3.geometry.euclidean.twod.hull.ConvexHull2D	1	2
org.apache.commons.math3.geometry.euclidean.twod.hull.ConvexHullGenerator2D	0.75	1

org.apache.commons.math3.geometry.euclidean.twod.hull.MonotoneChain\$1	0.99999905	1
org.apache.commons.math3.geometry.euclidean.twod.hull.MonotoneChain	1	3
org.apache.commons.math3.geometry.euclidean.twod.Line\$1	0.5	1
org.apache.commons.math3.geometry.euclidean.twod.Line\$LineTransformer	1	1
org.apache.commons.math3.geometry.euclidean.twod.Line	1	17
org.apache.commons.math3.geometry.euclidean.twod.NestedLoops	1	0
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSet\$1	0.5	0
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSet\$ConnectableSegment	1	2
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSet\$Edge	0.99999999	2
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSet\$SegmentsBuilder	1	1
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSet\$Vertex	1	2
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSet	1	11
org.apache.commons.math3.geometry.euclidean.twod.Segment	1	6
org.apache.commons.math3.geometry.euclidean.twod.SubLine	1	5
org.apache.commons.math3.geometry.euclidean.twod.Vector2D	1	55
org.apache.commons.math3.geometry.euclidean.twod.Vector2DFormat	1	2
org.apache.commons.math3.geometry.hull.ConvexHull	0.5	1
org.apache.commons.math3.geometry.hull.ConvexHullGenerator	0.5	1
org.apache.commons.math3.geometry.partitioning.AbstractRegion\$1	0.99999905	1
org.apache.commons.math3.geometry.partitioning.AbstractRegion\$2	1	1
org.apache.commons.math3.geometry.partitioning.AbstractRegion\$3	0.5	0
org.apache.commons.math3.geometry.partitioning.AbstractRegion	1	7
org.apache.commons.math3.geometry.partitioning.AbstractSubHyperplane	1	5
org.apache.commons.math3.geometry.partitioning.BoundaryAttribute	1	4
org.apache.commons.math3.geometry.partitioning.BoundaryBuilder	1	1

org.apache.commons.math3.geometry.partitioning.BoundaryProjection	0.75	3
org.apache.commons.math3.geometry.partitioning.BoundaryProjector	1	1
org.apache.commons.math3.geometry.partitioning.BoundarySizeVisitor	1	1
org.apache.commons.math3.geometry.partitioning.BSPTree\$1	0.99999988	1
org.apache.commons.math3.geometry.partitioning.BSPTree\$2	0.5	0
org.apache.commons.math3.geometry.partitioning.BSPTree\$LeafMerger	0.99999237	5
org.apache.commons.math3.geometry.partitioning.BSPTree\$VanishingCutHandler	0.99999237	4
org.apache.commons.math3.geometry.partitioning.BSPTree	0.99999997	42
org.apache.commons.math3.geometry.partitioning.BSPTreeVisitor\$Order	0.5	0
org.apache.commons.math3.geometry.partitioning.BSPTreeVisitor	0.99999237	14
org.apache.commons.math3.geometry.partitioning.Characterization\$1	0.5	0
org.apache.commons.math3.geometry.partitioning.Characterization	1	1
org.apache.commons.math3.geometry.partitioning.Embedding	0.75	4
org.apache.commons.math3.geometry.partitioning.Hyperplane	0.75	29
org.apache.commons.math3.geometry.partitioning.InsideFinder\$1	0.5	0
org.apache.commons.math3.geometry.partitioning.InsideFinder	1	1
org.apache.commons.math3.geometry.partitioning.NodesSet	0.99999999	6
org.apache.commons.math3.geometry.partitioning.Region\$Location	0.5	2
org.apache.commons.math3.geometry.partitioning.Region	1	11
org.apache.commons.math3.geometry.partitioning.RegionFactory\$1	0.5	4
org.apache.commons.math3.geometry.partitioning.RegionFactory\$DifferenceMerger	0.99999905	1
org.apache.commons.math3.geometry.partitioning.RegionFactory\$IntersectionMerger	0.99999952	1
org.apache.commons.math3.geometry.partitioning.RegionFactory\$NodesCleaner	0.99999905	1
org.apache.commons.math3.geometry.partitioning.RegionFactory\$UnionMerger	0.99999952	1
org.apache.commons.math3.geometry.partitioning.RegionFactory\$VanishingToLeaf	0.99999809	3
org.apache.commons.math3.geometry.partitioning.RegionFactory\$XorMerger	0.99999952	1
org.apache.commons.math3.geometry.partitioning.RegionFactory	0.99999999	21

org.apache.commons.math3.geometry.partitioning.Side	0.5	0
org.apache.commons.math3.geometry.partitioning.SubHyperplane\$Split SubHyperplane	0.9375	5
org.apache.commons.math3.geometry.partitioning.SubHyperplane	0.875	18
org.apache.commons.math3.geometry.partitioning.Transform	0.9921875	6
org.apache.commons.math3.geometry.partitioning.utilities.AVLTree\$1	0.5	0
org.apache.commons.math3.geometry.partitioning.utilities.AVLTree\$No de	0.75	2
org.apache.commons.math3.geometry.partitioning.utilities.AVLTree\$Ske w	0.5	0
org.apache.commons.math3.geometry.partitioning.utilities.AVLTree	0.75	2
org.apache.commons.math3.geometry.partitioning.utilities.OrderedTupl e	0.5	0
org.apache.commons.math3.geometry.Point	0.5	28
org.apache.commons.math3.geometry.Space	0.5	5
org.apache.commons.math3.geometry.spherical.oned.Arc	0.99902344	4
org.apache.commons.math3.geometry.spherical.oned.ArcsSet\$1	0.5	1
org.apache.commons.math3.geometry.spherical.oned.ArcsSet\$Inconsist entStateAt2PiWrapping	0.984375	1
org.apache.commons.math3.geometry.spherical.oned.ArcsSet\$Split	1	1
org.apache.commons.math3.geometry.spherical.oned.ArcsSet\$SubArcsIt erator	1	1
org.apache.commons.math3.geometry.spherical.oned.ArcsSet	1	9
org.apache.commons.math3.geometry.spherical.oned.LimitAngle	1	5
org.apache.commons.math3.geometry.spherical.oned.S1Point	1	9
org.apache.commons.math3.geometry.spherical.oned.Sphere1D\$1	0.5	1
org.apache.commons.math3.geometry.spherical.oned.Sphere1D\$LazyHo lder	0.99902344	0
org.apache.commons.math3.geometry.spherical.oned.Sphere1D\$NoSub SpaceException	0.984375	1
org.apache.commons.math3.geometry.spherical.oned.Sphere1D	0.99804688	1
org.apache.commons.math3.geometry.spherical.oned.SubLimitAngle	1	1
org.apache.commons.math3.geometry.spherical.twod.Circle\$1	0.5	1
org.apache.commons.math3.geometry.spherical.twod.Circle\$CircleTransf orm	1	1
org.apache.commons.math3.geometry.spherical.twod.Circle	1	8
org.apache.commons.math3.geometry.spherical.twod.Edge	0.99999809	3

org.apache.commons.math3.geometry.spherical.twod.EdgesBuilder	0.99999997	1
org.apache.commons.math3.geometry.spherical.twod.PropertiesComputer	1	1
org.apache.commons.math3.geometry.spherical.twod.S2Point	1	9
org.apache.commons.math3.geometry.spherical.twod.Sphere2D\$1	0.5	1
org.apache.commons.math3.geometry.spherical.twod.Sphere2D\$LazyHolder	0.9375	0
org.apache.commons.math3.geometry.spherical.twod.Sphere2D	0.875	1
org.apache.commons.math3.geometry.spherical.twod.SphericalPolygonsSet	1	5
org.apache.commons.math3.geometry.spherical.twod.SubCircle	1	4
org.apache.commons.math3.geometry.spherical.twod.Vertex	0.99999809	4
org.apache.commons.math3.geometry.Vector	0.75	13
org.apache.commons.math3.geometry.VectorFormat	0.875	3
org.apache.commons.math3.linear.AbstractFieldMatrix\$1	1	1
org.apache.commons.math3.linear.AbstractFieldMatrix\$2	1	1
org.apache.commons.math3.linear.AbstractFieldMatrix\$3	1	1
org.apache.commons.math3.linear.AbstractFieldMatrix	1	6
org.apache.commons.math3.linear.AbstractRealMatrix\$1	1	1
org.apache.commons.math3.linear.AbstractRealMatrix\$2	1	1
org.apache.commons.math3.linear.AbstractRealMatrix\$3	1	1
org.apache.commons.math3.linear.AbstractRealMatrix\$4	1	1
org.apache.commons.math3.linear.AbstractRealMatrix\$5	1	1
org.apache.commons.math3.linear.AbstractRealMatrix	1	9
org.apache.commons.math3.linear.AnyMatrix	0.5	3
org.apache.commons.math3.linear.Array2DRowFieldMatrix	1	12
org.apache.commons.math3.linear.Array2DRowRealMatrix	1	47
org.apache.commons.math3.linear.ArrayFieldVector	1	9
org.apache.commons.math3.linear.ArrayRealVector	1	63
org.apache.commons.math3.linear.BiDiagonalTransformer	1	1
org.apache.commons.math3.linear.BlockFieldMatrix	1	2
org.apache.commons.math3.linear.BlockRealMatrix	1	22
org.apache.commons.math3.linear.CholeskyDecomposition\$1	0.5	1
org.apache.commons.math3.linear.CholeskyDecomposition\$Solver	1	1
org.apache.commons.math3.linear.CholeskyDecomposition	1	4
org.apache.commons.math3.linear.ConjugateGradient	1	1
org.apache.commons.math3.linear.DecompositionSolver	1	7
org.apache.commons.math3.linear.DefaultFieldMatrixChangingVisitor	0.9375	3
org.apache.commons.math3.linear.DefaultFieldMatrixPreservingVisitor	0.9375	6

org.apache.commons.math3.linear.DefaultIterativeLinearSolverEvent	1	2
org.apache.commons.math3.linear.DefaultRealMatrixChangingVisitor	0.75	10
org.apache.commons.math3.linear.DefaultRealMatrixPreservingVisitor	0.75	9
org.apache.commons.math3.linear.DiagonalMatrix	1	17
org.apache.commons.math3.linear.EigenDecomposition\$1	0.5	1
org.apache.commons.math3.linear.EigenDecomposition\$Solver	1	1
org.apache.commons.math3.linear.EigenDecomposition	1	8
org.apache.commons.math3.linear.FieldDecompositionSolver	0.99975586	1
org.apache.commons.math3.linear.FieldLUDecomposition\$1	0.5	1
org.apache.commons.math3.linear.FieldLUDecomposition\$Solver	1	1
org.apache.commons.math3.linear.FieldLUDecomposition	1	6
org.apache.commons.math3.linear.FieldMatrix	0.99804688	14
org.apache.commons.math3.linear.FieldMatrixChangingVisitor	0.75	5
org.apache.commons.math3.linear.FieldMatrixPreservingVisitor	0.75	5
org.apache.commons.math3.linear.FieldVector	0.75	8
org.apache.commons.math3.linear.FieldVectorChangingVisitor	0.75	14
org.apache.commons.math3.linear.FieldVectorPreservingVisitor	0.75	14
org.apache.commons.math3.linear.HessenbergTransformer	1	2
org.apache.commons.math3.linear.IllConditionedOperatorException	0.984375	1
org.apache.commons.math3.linear.IterativeLinearSolver	1	1
org.apache.commons.math3.linear.IterativeLinearSolverEvent	0.9921875	1
org.apache.commons.math3.linear.JacobiPreconditioner\$1	1	1
org.apache.commons.math3.linear.JacobiPreconditioner	1	1
org.apache.commons.math3.linear.LUDecomposition\$1	0.5	1
org.apache.commons.math3.linear.LUDecomposition\$Solver	1	1
org.apache.commons.math3.linear.LUDecomposition	1	12
org.apache.commons.math3.linear.MatrixDimensionMismatchException	0.99609375	7
org.apache.commons.math3.linear.MatrixUtils\$BigFractionMatrixConverter	1	1
org.apache.commons.math3.linear.MatrixUtils\$FractionMatrixConverter	1	1
org.apache.commons.math3.linear.MatrixUtils	1	0
org.apache.commons.math3.linear.NonPositiveDefiniteMatrixException	0.99902344	3
org.apache.commons.math3.linear.NonPositiveDefiniteOperatorException	0.984375	2
org.apache.commons.math3.linear.NonSelfAdjointOperatorException	0.984375	1
org.apache.commons.math3.linear.NonSquareMatrixException	0.99902344	15

org.apache.commons.math3.linear.NonSquareOperatorException	0.99902344	3
org.apache.commons.math3.linear.NonSymmetricMatrixException	0.984375	2
org.apache.commons.math3.linear.OpenMapRealMatrix	1	3
org.apache.commons.math3.linear.OpenMapRealVector\$OpenMapEntry	0.99999952	1
org.apache.commons.math3.linear.OpenMapRealVector\$OpenMapSpars eliterator	0.99999809	1
org.apache.commons.math3.linear.OpenMapRealVector	1	4
org.apache.commons.math3.linear.PreconditionedIterativeLinearSolver	1	2
org.apache.commons.math3.linear.QRDecomposition\$1	0.5	1
org.apache.commons.math3.linear.QRDecomposition\$Solver	1	1
org.apache.commons.math3.linear.QRDecomposition	1	12
org.apache.commons.math3.linear.RealLinearOperator	1	23
org.apache.commons.math3.linear.RealMatrix	1	80
org.apache.commons.math3.linear.RealMatrixChangingVisitor	0.5	5
org.apache.commons.math3.linear.RealMatrixFormat	1	2
org.apache.commons.math3.linear.RealMatrixPreservingVisitor	0.5	8
org.apache.commons.math3.linear.RealVector\$1	1	1
org.apache.commons.math3.linear.RealVector\$2\$1	0.99999809	1
org.apache.commons.math3.linear.RealVector\$2\$2	0.99999809	1
org.apache.commons.math3.linear.RealVector\$2\$UnmodifiableEntry	0.99993896	2
org.apache.commons.math3.linear.RealVector\$2	1	4
org.apache.commons.math3.linear.RealVector\$Entry	1	4
org.apache.commons.math3.linear.RealVector\$SparseEntryIterator	1	1
org.apache.commons.math3.linear.RealVector	1	84
org.apache.commons.math3.linear.RealVectorChangingVisitor	0.5	8
org.apache.commons.math3.linear.RealVectorFormat	1	1
org.apache.commons.math3.linear.RealVectorPreservingVisitor	0.5	8
org.apache.commons.math3.linear.RectangularCholeskyDecomposition	1	2
org.apache.commons.math3.linear.RRQRDecomposition\$1	0.5	1
org.apache.commons.math3.linear.RRQRDecomposition\$Solver	1	1
org.apache.commons.math3.linear.RRQRDecomposition	1	2
org.apache.commons.math3.linear.SchurTransformer\$1	0.5	1
org.apache.commons.math3.linear.SchurTransformer\$ShiftInfo	0.75	1
org.apache.commons.math3.linear.SchurTransformer	1	2
org.apache.commons.math3.linear.SingularMatrixException	0.984375	6
org.apache.commons.math3.linear.SingularOperatorException	0.984375	1
org.apache.commons.math3.linear.SingularValueDecomposition\$1	0.99987793	2
org.apache.commons.math3.linear.SingularValueDecomposition\$Solver	1	1

org.apache.commons.math3.linear.SingularValueDecomposition	1	5
org.apache.commons.math3.linear.SparseFieldMatrix	1	2
org.apache.commons.math3.linear.SparseFieldVector	1	2
org.apache.commons.math3.linear.SparseRealMatrix	0.96875	1
org.apache.commons.math3.linear.SparseRealVector	1	1
org.apache.commons.math3.linear.SymmLQ\$State	1	1
org.apache.commons.math3.linear.SymmLQ	1	1
org.apache.commons.math3.linear.TriDiagonalTransformer	1	3
org.apache.commons.math3.ml.clustering.CentroidCluster	0.9375	2
org.apache.commons.math3.ml.clustering.Cluster	0.75	4
org.apache.commons.math3.ml.clustering.Clusterable	0.5	7
org.apache.commons.math3.ml.clustering.Clusterer	0.875	4
org.apache.commons.math3.ml.clustering.DBSCANClusterer\$PointStatus	0.5	0
org.apache.commons.math3.ml.clustering.DBSCANClusterer	0.99999952	1
org.apache.commons.math3.ml.clustering.DoublePoint	0.75	8
org.apache.commons.math3.ml.clustering.evaluation.ClusterEvaluator	0.99804688	2
org.apache.commons.math3.ml.clustering.evaluation.SumOfClusterVariances	1	2
org.apache.commons.math3.ml.clustering.FuzzyKMeansClusterer	1	1
org.apache.commons.math3.ml.clustering.KMeansPlusPlusClusterer\$1	0.5	0
org.apache.commons.math3.ml.clustering.KMeansPlusPlusClusterer\$EmptyClusterStrategy	0.5	2
org.apache.commons.math3.ml.clustering.KMeansPlusPlusClusterer	1	3
org.apache.commons.math3.ml.clustering.MultiKMeansPlusPlusClusterer	1	1
org.apache.commons.math3.ml.distance.CanberraDistance	0.75	2
org.apache.commons.math3.ml.distance.ChebyshevDistance	0.75	1
org.apache.commons.math3.ml.distance.DistanceMeasure	0.5	13
org.apache.commons.math3.ml.distance.EarthMoversDistance	0.75	1
org.apache.commons.math3.ml.distance.EuclideanDistance	0.75	11
org.apache.commons.math3.ml.distance.ManhattanDistance	0.75	1
org.apache.commons.math3.ml.neuralnet.FeatureInitializer	0.5	10
org.apache.commons.math3.ml.neuralnet.FeatureInitializerFactory\$1	0.875	1
org.apache.commons.math3.ml.neuralnet.FeatureInitializerFactory\$2	0.875	1
org.apache.commons.math3.ml.neuralnet.FeatureInitializerFactory	1	0
org.apache.commons.math3.ml.neuralnet.MapUtils	1	0
org.apache.commons.math3.ml.neuralnet.Network\$NeuronIdentifierComparator	0.99975586	1

org.apache.commons.math3.ml.neuralnet.Network\$SerializationProxy	0.99998474	1
org.apache.commons.math3.ml.neuralnet.Network	0.99999999	7
org.apache.commons.math3.ml.neuralnet.Neuron\$SerializationProxy	0.99951172	1
org.apache.commons.math3.ml.neuralnet.Neuron	0.99951172	6
org.apache.commons.math3.ml.neuralnet.oned.NeuronString\$Serializati onProxy	0.99999905	1
org.apache.commons.math3.ml.neuralnet.oned.NeuronString	1	5
org.apache.commons.math3.ml.neuralnet.sofm.KohonenTrainingTask	1	1
org.apache.commons.math3.ml.neuralnet.sofm.KohonenUpdateAction	1	3
org.apache.commons.math3.ml.neuralnet.sofm.LearningFactorFunction	0.5	3
org.apache.commons.math3.ml.neuralnet.sofm.LearningFactorFunctionF actory\$1	0.99999988	1
org.apache.commons.math3.ml.neuralnet.sofm.LearningFactorFunctionF actory\$2	1	1
org.apache.commons.math3.ml.neuralnet.sofm.LearningFactorFunctionF actory	1	0
org.apache.commons.math3.ml.neuralnet.sofm.NeighbourhoodSizeFunct ion	0.5	3
org.apache.commons.math3.ml.neuralnet.sofm.NeighbourhoodSizeFunct ionFactory\$1	0.99999988	1
org.apache.commons.math3.ml.neuralnet.sofm.NeighbourhoodSizeFunct ionFactory\$2	1	1
org.apache.commons.math3.ml.neuralnet.sofm.NeighbourhoodSizeFunct ionFactory	1	0
org.apache.commons.math3.ml.neuralnet.sofm.util.ExponentialDecayFu nction	0.99999952	3
org.apache.commons.math3.ml.neuralnet.sofm.util.QuasiSigmoidDecayF unction	1	3
org.apache.commons.math3.ml.neuralnet.SquareNeighbourhood	0.5	2
org.apache.commons.math3.ml.neuralnet.twod.NeuronSquareMesh2D\$ 1	0.5	0
org.apache.commons.math3.ml.neuralnet.twod.NeuronSquareMesh2D\$ SerializationProxy	1	1
org.apache.commons.math3.ml.neuralnet.twod.NeuronSquareMesh2D	1	4
org.apache.commons.math3.ml.neuralnet.UpdateAction	0.99999999	1
org.apache.commons.math3.ode.AbstractIntegrator\$1	1	1
org.apache.commons.math3.ode.AbstractIntegrator	1	6
org.apache.commons.math3.ode.AbstractParameterizable	0.99609375	4
org.apache.commons.math3.ode.ContinuousOutputModel	0.99999619	12
org.apache.commons.math3.ode.EquationsMapper	0.99902344	10

org.apache.commons.math3.ode.events.EventFilter	0.99999999	1
org.apache.commons.math3.ode.events.EventHandler\$Action	0.5	0
org.apache.commons.math3.ode.events.EventHandler	0.5	22
org.apache.commons.math3.ode.events.EventState\$1	1	1
org.apache.commons.math3.ode.events.EventState\$LocalMaxCountExceededException	0.99609375	1
org.apache.commons.math3.ode.events.EventState	1	4
org.apache.commons.math3.ode.events.FilterType\$1	0.99902344	1
org.apache.commons.math3.ode.events.FilterType\$2	0.99902344	1
org.apache.commons.math3.ode.events.FilterType\$3	0.5	0
org.apache.commons.math3.ode.events.FilterType	0.99999619	4
org.apache.commons.math3.ode.events.Transformer\$1	0.75	1
org.apache.commons.math3.ode.events.Transformer\$2	0.75	1
org.apache.commons.math3.ode.events.Transformer\$3	0.75	1
org.apache.commons.math3.ode.events.Transformer\$4	0.75	1
org.apache.commons.math3.ode.events.Transformer\$5	0.75	1
org.apache.commons.math3.ode.events.Transformer	0.984375	9
org.apache.commons.math3.ode.ExpandableStatefulODE\$SecondaryComponent	0.99975586	1
org.apache.commons.math3.ode.ExpandableStatefulODE	1	12
org.apache.commons.math3.ode.FirstOrderConverter	0.875	1
org.apache.commons.math3.ode.FirstOrderDifferentialEquations	0.5	38
org.apache.commons.math3.ode.FirstOrderIntegrator	0.99804688	4
org.apache.commons.math3.ode.JacobianMatrices\$1	0.5	1
org.apache.commons.math3.ode.JacobianMatrices\$JacobiansSecondaryEquations	1	1
org.apache.commons.math3.ode.JacobianMatrices\$MainStateJacobianWrapper	0.99987793	1
org.apache.commons.math3.ode.JacobianMatrices\$MismatchedEquations	0.984375	1
org.apache.commons.math3.ode.JacobianMatrices	1	2
org.apache.commons.math3.ode.MainStateJacobianProvider	0.75	4
org.apache.commons.math3.ode.MultistepIntegrator\$1	0.99999952	1
org.apache.commons.math3.ode.MultistepIntegrator\$InitializationCompletedMarkerException	0.5	1
org.apache.commons.math3.ode.MultistepIntegrator\$NordsieckInitializer	0.99999994	1
org.apache.commons.math3.ode.MultistepIntegrator\$NordsieckTransformer	0.5	0
org.apache.commons.math3.ode.MultistepIntegrator	0.99999999	3
org.apache.commons.math3.ode.nonstiff.AdamsBashforthIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.AdamsIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.AdamsMoultonIntegrator\$Corrector	1	1

org.apache.commons.math3.ode.nonstiff.AdamsMoultonIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.AdamsNordsieckTransformer	1	0
org.apache.commons.math3.ode.nonstiff.AdaptiveStepsizeIntegrator	1	3
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegrator	1	3
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaStepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.DormandPrince54Integrator	1	5
org.apache.commons.math3.ode.nonstiff.DormandPrince54StepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853Integrator	1	8
org.apache.commons.math3.ode.nonstiff.DormandPrince853StepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.EmbeddedRungeKuttaIntegrator	1	3
org.apache.commons.math3.ode.nonstiff.EulerIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.EulerStepInterpolator	1	2
org.apache.commons.math3.ode.nonstiff.GillIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.GillStepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegrator	1	4
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerStepInterpolator	0.99999988	1
org.apache.commons.math3.ode.nonstiff.HighamHall54Integrator	1	2
org.apache.commons.math3.ode.nonstiff.HighamHall54StepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.LutherIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.LutherStepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.MidpointIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.MidpointStepInterpolator	1	1
org.apache.commons.math3.ode.nonstiff.RungeKuttaIntegrator	1	7
org.apache.commons.math3.ode.nonstiff.RungeKuttaStepInterpolator	1	12
org.apache.commons.math3.ode.nonstiff.ThreeEighthsIntegrator	1	2
org.apache.commons.math3.ode.nonstiff.ThreeEighthsStepInterpolator	1	1
org.apache.commons.math3.ode.ODEIntegrator	0.9921875	3
org.apache.commons.math3.ode.ParameterConfiguration	0.5	1

org.apache.commons.math3.ode.Parameterizable	0.5	3
org.apache.commons.math3.ode.ParameterizedODE	0.75	5
org.apache.commons.math3.ode.ParameterizedWrapper	0.99902344	0
org.apache.commons.math3.ode.ParameterJacobianProvider	0.75	4
org.apache.commons.math3.ode.ParameterJacobianWrapper	0.984375	1
org.apache.commons.math3.ode.sampling.AbstractStepInterpolator	0.99975586	5
org.apache.commons.math3.ode.sampling.DummyStepHandler\$1	0.5	1
org.apache.commons.math3.ode.sampling.DummyStepHandler\$LazyHolder	0.984375	0
org.apache.commons.math3.ode.sampling.DummyStepHandler	0.96875	1
org.apache.commons.math3.ode.sampling.FixedStepHandler	0.5	4
org.apache.commons.math3.ode.sampling.NordsieckStepInterpolator	1	2
org.apache.commons.math3.ode.sampling.StepHandler	0.75	32
org.apache.commons.math3.ode.sampling.StepInterpolator	0.5	33
org.apache.commons.math3.ode.sampling.StepNormalizer	0.9921875	2
org.apache.commons.math3.ode.sampling.StepNormalizerBounds	0.5	2
org.apache.commons.math3.ode.sampling.StepNormalizerMode	0.5	2
org.apache.commons.math3.ode.SecondaryEquations	0.5	4
org.apache.commons.math3.ode.SecondOrderDifferentialEquations	0.5	3
org.apache.commons.math3.ode.SecondOrderIntegrator	0.99804688	0
org.apache.commons.math3.ode.UnknownParameterException	0.984375	4
org.apache.commons.math3.optim.AbstractConvergenceChecker	0.75	4
org.apache.commons.math3.optim.AbstractOptimizationProblem\$1	0.5	2
org.apache.commons.math3.optim.AbstractOptimizationProblem\$MaxEvalCallback	0.99951172	1
org.apache.commons.math3.optim.AbstractOptimizationProblem\$MaxIterCallback	0.99951172	1
org.apache.commons.math3.optim.AbstractOptimizationProblem	1	1
org.apache.commons.math3.optim.BaseMultiStartMultivariateOptimizer	1	2
org.apache.commons.math3.optim.BaseMultivariateOptimizer	1	3
org.apache.commons.math3.optim.BaseOptimizer\$1	0.5	2
org.apache.commons.math3.optim.BaseOptimizer\$MaxEvalCallback	0.99951172	1
org.apache.commons.math3.optim.BaseOptimizer\$MaxIterCallback	0.99951172	1
org.apache.commons.math3.optim.BaseOptimizer	1	2
org.apache.commons.math3.optim.ConvergenceChecker	0.5	26

org.apache.commons.math3.optim.InitialGuess	0.75	18
org.apache.commons.math3.optim.linear.LinearConstraint	1	3
org.apache.commons.math3.optim.linear.LinearConstraintSet	0.75	1
org.apache.commons.math3.optim.linear.LinearObjectiveFunction	1	3
org.apache.commons.math3.optim.linear.LinearOptimizer	1	1
org.apache.commons.math3.optim.linear.NoFeasibleSolutionException	0.984375	1
org.apache.commons.math3.optim.linear.NonNegativeConstraint	0.75	1
org.apache.commons.math3.optim.linear.PivotSelectionRule	0.75	0
org.apache.commons.math3.optim.linear.Relationship\$1	0.5	0
org.apache.commons.math3.optim.linear.Relationship	0.5	2
org.apache.commons.math3.optim.linear.SimplexSolver	1	1
org.apache.commons.math3.optim.linear.SimplexTableau	1	3
org.apache.commons.math3.optim.linear.SolutionCallback	1	1
org.apache.commons.math3.optim.linear.UnboundedSolutionException	0.984375	1
org.apache.commons.math3.optim.MaxEval	0.99987793	22
org.apache.commons.math3.optim.MaxIter	0.99987793	1
org.apache.commons.math3.optim.nonlinear.scalar.GoalType	0.75	7
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizer\$1	0.5	0
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizer\$BracketingStep	0.75	0
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizer\$Formula	0.5	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizer\$IdentityPreconditioner	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizer	1	2
org.apache.commons.math3.optim.nonlinear.scalar.gradient.Preconditioner	0.5	3
org.apache.commons.math3.optim.nonlinear.scalar.GradientMultivariateOptimizer	1	1
org.apache.commons.math3.optim.nonlinear.scalar.LeastSquaresConverter	1	1
org.apache.commons.math3.optim.nonlinear.scalar.LineSearch\$1	1	1
org.apache.commons.math3.optim.nonlinear.scalar.LineSearch	1	3
org.apache.commons.math3.optim.nonlinear.scalar.MultiStartMultivariateOptimizer\$1	1	1
org.apache.commons.math3.optim.nonlinear.scalar.MultiStartMultivariateOptimizer	1	2
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter\$1	0.5	1

org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter\$LowerBoundMapper	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter\$LowerUpperBoundMapper	1	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter\$Mapper	0.5	5
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter\$NoBoundsMapper	0.875	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter\$UpperBoundMapper	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapter	1	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionPenaltyAdapter	0.99999905	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateOptimizer	1	8
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.AbstractSimplex	1	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BOBYQAOptimizer\$PathIsExploredException	0.5	0
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BOBYQAOptimizer	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizer\$DoubleIndex	0.5	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizer\$FitnessFunction	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizer\$PopulationSize	0.99987793	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizer\$Sigma	0.99987793	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizer\$ValuePenaltyPair	0.5	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizer	1	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.MultiDirectionalSimplex	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.NelderMeadSimplex	1	5
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.PowellOptimizer	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizer\$1	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizer\$2	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizer	1	7

org.apache.commons.math3.optim.nonlinear.scalar.ObjectiveFunction	0.875	10
org.apache.commons.math3.optim.nonlinear.scalar.ObjectiveFunctionGradient	0.875	2
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizer	1	5
org.apache.commons.math3.optim.nonlinear.vector.jacobian.GaussNewtonOptimizer	1	5
org.apache.commons.math3.optim.nonlinear.vector.jacobian.LevenbergMarquardtOptimizer	1	6
org.apache.commons.math3.optim.nonlinear.vector.JacobianMultivariateVectorOptimizer	1	1
org.apache.commons.math3.optim.nonlinear.vector.ModelFunction	0.875	12
org.apache.commons.math3.optim.nonlinear.vector.ModelFunctionJacobian	0.875	11
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizer\$1	1	1
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizer	1	2
org.apache.commons.math3.optim.nonlinear.vector.MultivariateVectorOptimizer	1	7
org.apache.commons.math3.optim.nonlinear.vector.Target	0.75	10
org.apache.commons.math3.optim.nonlinear.vector.Weight	1	8
org.apache.commons.math3.optim.OptimizationData	0.5	43
org.apache.commons.math3.optim.OptimizationProblem	0.5	2
org.apache.commons.math3.optim.PointValuePair\$DataTransferObject	0.875	1
org.apache.commons.math3.optim.PointValuePair	0.875	19
org.apache.commons.math3.optim.PointVectorValuePair\$DataTransferObject	0.875	1
org.apache.commons.math3.optim.PointVectorValuePair	0.875	12
org.apache.commons.math3.optim.SimpleBounds	0.75	9
org.apache.commons.math3.optim.SimplePointChecker	0.99996948	2
org.apache.commons.math3.optim.SimpleValueChecker	0.99999237	5
org.apache.commons.math3.optim.SimpleVectorValueChecker	0.99999237	10
org.apache.commons.math3.optim.univariate.BacketFinder	1	2
org.apache.commons.math3.optim.univariate.BrentOptimizer	1	3
org.apache.commons.math3.optim.univariate.MultiStartUnivariateOptimizer\$1	1	1
org.apache.commons.math3.optim.univariate.MultiStartUnivariateOptimizer	1	2
org.apache.commons.math3.optim.univariate.SearchInterval	0.99999905	4
org.apache.commons.math3.optim.univariate.SimpleUnivariateValueChecker	0.99996948	3
org.apache.commons.math3.optim.univariate.UnivariateObjectiveFunction	0.875	3

org.apache.commons.math3.optim.univariate.UnivariateOptimizer	1	2
org.apache.commons.math3.optim.univariate.UnivariatePointValuePair	0.5	5
org.apache.commons.math3.optimization.AbstractConvergenceChecker	0.75	4
org.apache.commons.math3.optimization.BaseMultivariateMultiStartOptimizer\$1	1	1
org.apache.commons.math3.optimization.BaseMultivariateMultiStartOptimizer	1	4
org.apache.commons.math3.optimization.BaseMultivariateOptimizer	0.9375	7
org.apache.commons.math3.optimization.BaseMultivariateSimpleBoundsOptimizer	0.9921875	1
org.apache.commons.math3.optimization.BaseMultivariateVectorMultiStartOptimizer\$1	1	1
org.apache.commons.math3.optimization.BaseMultivariateVectorMultiStartOptimizer	1	3
org.apache.commons.math3.optimization.BaseMultivariateVectorOptimizer	0.875	4
org.apache.commons.math3.optimization.BaseOptimizer	0.5	3
org.apache.commons.math3.optimization.ConvergenceChecker	0.5	16
org.apache.commons.math3.optimization.DifferentiableMultivariateMultiStartOptimizer	1	0
org.apache.commons.math3.optimization.DifferentiableMultivariateOptimizer	0.96875	2
org.apache.commons.math3.optimization.DifferentiableMultivariateVectorMultiStartOptimizer	1	0
org.apache.commons.math3.optimization.DifferentiableMultivariateVectorOptimizer	0.9375	7
org.apache.commons.math3.optimization.direct.AbstractSimplex	1	3
org.apache.commons.math3.optimization.direct.BaseAbstractMultivariateOptimizer	1	5
org.apache.commons.math3.optimization.direct.BaseAbstractMultivariateSimpleBoundsOptimizer	1	2
org.apache.commons.math3.optimization.direct.BaseAbstractMultivariateVectorOptimizer	1	1
org.apache.commons.math3.optimization.direct.BOBYPQAOptimizer\$PathsExploredException	0.5	0
org.apache.commons.math3.optimization.direct.BOBYPQAOptimizer	1	1
org.apache.commons.math3.optimization.direct.CMAESOptimizer\$DoubleIndex	0.5	1
org.apache.commons.math3.optimization.direct.CMAESOptimizer\$FitnessFunction	1	1

org.apache.commons.math3.optimization.direct.CMAESOptimizer\$PopulationSize	0.99987793	1
org.apache.commons.math3.optimization.direct.CMAESOptimizer\$Sigma	0.99987793	1
org.apache.commons.math3.optimization.direct.CMAESOptimizer	1	2
org.apache.commons.math3.optimization.direct.MultiDirectionalSimplex	1	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapter\$LowerBoundMapper	0.75	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapter\$LowerUpperBoundMapper	1	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapter\$Mapper	0.5	5
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapter\$NoBoundsMapper	0.75	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapter\$UpperBoundMapper	0.75	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapter	1	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionPenaltyAdapter	0.99999905	1
org.apache.commons.math3.optimization.direct.NelderMeadSimplex	1	4
org.apache.commons.math3.optimization.direct.PowellOptimizer\$LineSearch\$1	1	1
org.apache.commons.math3.optimization.direct.PowellOptimizer\$LineSearch	1	2
org.apache.commons.math3.optimization.direct.PowellOptimizer	1	2
org.apache.commons.math3.optimization.direct.SimplexOptimizer\$1	0.99999809	1
org.apache.commons.math3.optimization.direct.SimplexOptimizer\$2	0.99999905	1
org.apache.commons.math3.optimization.direct.SimplexOptimizer	0.99999905	7
org.apache.commons.math3.optimization.fitting.CurveFitter\$OldTheoreticalValuesFunction\$1	0.984375	1
org.apache.commons.math3.optimization.fitting.CurveFitter\$OldTheoreticalValuesFunction	0.99999237	2
org.apache.commons.math3.optimization.fitting.CurveFitter\$TheoreticalValuesFunction	1	1
org.apache.commons.math3.optimization.fitting.CurveFitter	0.99999809	7
org.apache.commons.math3.optimization.fitting.GaussianFitter\$1	1	1
org.apache.commons.math3.optimization.fitting.GaussianFitter\$ParameterGuesser\$1	1	1

org.apache.commons.math3.optimization.fitting.GaussianFitter\$ParameterGuesser	1	2
org.apache.commons.math3.optimization.fitting.GaussianFitter	1	2
org.apache.commons.math3.optimization.fitting.HarmonicFitter\$ParameterGuesser	0.99999994	2
org.apache.commons.math3.optimization.fitting.HarmonicFitter	1	1
org.apache.commons.math3.optimization.fitting.PolynomialFitter	0.99999999	1
org.apache.commons.math3.optimization.fitting.WeightedObservedPoint	0.5	4
org.apache.commons.math3.optimization.general.AbstractDifferentiableOptimizer	1	0
org.apache.commons.math3.optimization.general.AbstractLeastSquaresOptimizer	1	5
org.apache.commons.math3.optimization.general.AbstractScalarDifferentiableOptimizer	1	1
org.apache.commons.math3.optimization.general.ConjugateGradientFormula	0.5	1
org.apache.commons.math3.optimization.general.GaussNewtonOptimizer	1	4
org.apache.commons.math3.optimization.general.LevenbergMarquardtOptimizer	1	6
org.apache.commons.math3.optimization.general.NonLinearConjugateGradientOptimizer\$IdentityPreconditioner	0.75	1
org.apache.commons.math3.optimization.general.NonLinearConjugateGradientOptimizer\$LineSearchFunction	1	1
org.apache.commons.math3.optimization.general.NonLinearConjugateGradientOptimizer	1	3
org.apache.commons.math3.optimization.general.Preconditioner	0.5	3
org.apache.commons.math3.optimization.GoalType	0.5	22
org.apache.commons.math3.optimization.InitialGuess	0.75	7
org.apache.commons.math3.optimization.LeastSquaresConverter	1	1
org.apache.commons.math3.optimization.linear.AbstractLinearOptimizer	1	1
org.apache.commons.math3.optimization.linear.LinearConstraint	1	3
org.apache.commons.math3.optimization.linear.LinearObjectiveFunction	1	5
org.apache.commons.math3.optimization.linear.LinearOptimizer	1	1
org.apache.commons.math3.optimization.linear.NoFeasibleSolutionException	0.984375	1
org.apache.commons.math3.optimization.linear.Relationship\$1	0.5	0
org.apache.commons.math3.optimization.linear.Relationship	0.5	2

org.apache.commons.math3.optimization.linear.SimplexSolver	1	1
org.apache.commons.math3.optimization.linear.SimplexTableau	1	2
org.apache.commons.math3.optimization.linear.UnboundedSolutionException	0.984375	1
org.apache.commons.math3.optimization.MultivariateDifferentiableMultiStartOptimizer	1	1
org.apache.commons.math3.optimization.MultivariateDifferentiableOptimizer	0.96875	2
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizer	1	1
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorOptimizer	0.9375	4
org.apache.commons.math3.optimization.MultivariateMultiStartOptimizer	1	1
org.apache.commons.math3.optimization.MultivariateOptimizer	0.96875	5
org.apache.commons.math3.optimization.OptimizationData	0.5	15
org.apache.commons.math3.optimization.PointValuePair\$DataTransferObject	0.875	1
org.apache.commons.math3.optimization.PointValuePair	0.875	19
org.apache.commons.math3.optimization.PointVectorValuePair\$DataTransferObject	0.875	1
org.apache.commons.math3.optimization.PointVectorValuePair	0.875	11
org.apache.commons.math3.optimization.SimpleBounds	0.75	3
org.apache.commons.math3.optimization.SimplePointChecker	0.99996948	2
org.apache.commons.math3.optimization.SimpleValueChecker	0.99999237	9
org.apache.commons.math3.optimization.SimpleVectorValueChecker	0.99999237	7
org.apache.commons.math3.optimization.Target	0.75	2
org.apache.commons.math3.optimization.univariate.BaseAbstractUnivariateOptimizer	1	1
org.apache.commons.math3.optimization.univariate.BaseUnivariateOptimizer	0.9375	2
org.apache.commons.math3.optimization.univariate.BucketFinder	1	2
org.apache.commons.math3.optimization.univariate.BrentOptimizer	1	3
org.apache.commons.math3.optimization.univariate.SimpleUnivariateValueChecker	0.99996948	3
org.apache.commons.math3.optimization.univariate.UnivariateMultiStartOptimizer\$1	1	1
org.apache.commons.math3.optimization.univariate.UnivariateMultiStartOptimizer	1	2
org.apache.commons.math3.optimization.univariate.UnivariateOptimizer	0.96875	1

org.apache.commons.math3.optimization.univariate.UnivariatePointValuePair	0.5	5
org.apache.commons.math3.optimization.Weight	1	2
org.apache.commons.math3.primes.PollardRho	0.5	0
org.apache.commons.math3.primes.Primes	0.984375	0
org.apache.commons.math3.primes.SmallPrimes	0.5	0
org.apache.commons.math3.random.AbstractRandomGenerator	0.99987793	1
org.apache.commons.math3.random.AbstractWell	0.99993896	6
org.apache.commons.math3.random.BitsStreamGenerator	0.99987793	4
org.apache.commons.math3.random.CorrelatedRandomVectorGenerator	1	2
org.apache.commons.math3.random.EmpiricalDistribution\$1	0.5	1
org.apache.commons.math3.random.EmpiricalDistribution\$ArrayDataAdapter	1	1
org.apache.commons.math3.random.EmpiricalDistribution\$DataAdapter	1	3
org.apache.commons.math3.random.EmpiricalDistribution\$StreamDataAdapter	1	1
org.apache.commons.math3.random.EmpiricalDistribution	1	7
org.apache.commons.math3.random.GaussianRandomGenerator	0.875	9
org.apache.commons.math3.random.HaltonSequenceGenerator	0.99999905	1
org.apache.commons.math3.random.ISAACRandom	0.99993896	3
org.apache.commons.math3.random.JDKRandomGenerator	0.75	21
org.apache.commons.math3.random.MersenneTwister	0.99993896	8
org.apache.commons.math3.random.NormalizedRandomGenerator	0.5	5
org.apache.commons.math3.random.RandomAdaptor	0.75	1
org.apache.commons.math3.random.RandomData	0.5	2
org.apache.commons.math3.random.RandomDataGenerator	1	8
org.apache.commons.math3.random.RandomDataImpl	1	4
org.apache.commons.math3.random.RandomGenerator	0.5	66
org.apache.commons.math3.random.RandomGeneratorFactory\$1	0.99987793	1
org.apache.commons.math3.random.RandomGeneratorFactory	0.99993896	0
org.apache.commons.math3.random.RandomVectorGenerator	0.5	15
org.apache.commons.math3.random.SobolSequenceGenerator	1	1
org.apache.commons.math3.random.StableRandomGenerator	0.99999809	1
org.apache.commons.math3.random.SynchronizedRandomGenerator	0.75	1
org.apache.commons.math3.random.UncorrelatedRandomVectorGenerator	0.99975586	6
org.apache.commons.math3.random.UniformRandomGenerator	0.875	1
org.apache.commons.math3.random.UnitSphereRandomVectorGenerator	0.99999237	10
org.apache.commons.math3.random.ValueServer	1	1
org.apache.commons.math3.random.Well1024a	0.99996948	19

org.apache.commons.math3.random.Well19937a	0.99996948	3
org.apache.commons.math3.random.Well19937c	0.99996948	48
org.apache.commons.math3.random.Well44497a	0.99996948	1
org.apache.commons.math3.random.Well44497b	0.99996948	8
org.apache.commons.math3.random.Well512a	0.99996948	1
org.apache.commons.math3.RealFieldElement	0.75	7
org.apache.commons.math3.special.BesselJ\$BesselJResult	0.5	1
org.apache.commons.math3.special.BesselJ	0.99996948	0
org.apache.commons.math3.special.Beta\$1	0.99998474	1
org.apache.commons.math3.special.Beta	1	0
org.apache.commons.math3.special.Erf	0.5	0
org.apache.commons.math3.special.Gamma\$1	0.99998474	1
org.apache.commons.math3.special.Gamma	1	0
org.apache.commons.math3.stat.clustering.Cluster	0.75	2
org.apache.commons.math3.stat.clustering.Clusterable	0.5	6
org.apache.commons.math3.stat.clustering.DBSCANClusterer\$PointStatus	0.5	0
org.apache.commons.math3.stat.clustering.DBSCANClusterer	0.99996948	1
org.apache.commons.math3.stat.clustering.EuclideanDoublePoint	0.75	2
org.apache.commons.math3.stat.clustering.EuclideanIntegerPoint	0.75	4
org.apache.commons.math3.stat.clustering.KMeansPlusPlusClusterer\$1	0.5	0
org.apache.commons.math3.stat.clustering.KMeansPlusPlusClusterer\$EmptyClusterStrategy	0.5	2
org.apache.commons.math3.stat.clustering.KMeansPlusPlusClusterer	1	1
org.apache.commons.math3.stat.correlation.Covariance	1	7
org.apache.commons.math3.stat.correlation.KendallsCorrelation\$1	0.99987793	1
org.apache.commons.math3.stat.correlation.KendallsCorrelation	1	2
org.apache.commons.math3.stat.correlation.PearsonsCorrelation	1	3
org.apache.commons.math3.stat.correlation.SpearmansCorrelation	1	1
org.apache.commons.math3.stat.correlation.StorelessBivariateCovariance	0.99902344	2
org.apache.commons.math3.stat.correlation.StorelessCovariance	1	2
org.apache.commons.math3.stat.descriptive.AbstractStorelessUnivariateStatistic	1	14
org.apache.commons.math3.stat.descriptive.AbstractUnivariateStatistic	1	3
org.apache.commons.math3.stat.descriptive.AggregateSummaryStatistics\$AggregatingSummaryStatistics	1	1

org.apache.commons.math3.stat.descriptive.AggregateSummaryStatistics	1	1
org.apache.commons.math3.stat.descriptive.DescriptiveStatistics	1	12
org.apache.commons.math3.stat.descriptive.moment.FirstMoment	1	3
org.apache.commons.math3.stat.descriptive.moment.FourthMoment	1	3
org.apache.commons.math3.stat.descriptive.moment.GeometricMean	1	7
org.apache.commons.math3.stat.descriptive.moment.Kurtosis	1	3
org.apache.commons.math3.stat.descriptive.moment.Mean	1	17
org.apache.commons.math3.stat.descriptive.moment.SecondMoment	1	8
org.apache.commons.math3.stat.descriptive.moment.SemiVariance\$Direction	0.5	1
org.apache.commons.math3.stat.descriptive.moment.SemiVariance	1	1
org.apache.commons.math3.stat.descriptive.moment.Skewness	1	3
org.apache.commons.math3.stat.descriptive.moment.StandardDeviation	1	2
org.apache.commons.math3.stat.descriptive.moment.ThirdMoment	1	3
org.apache.commons.math3.stat.descriptive.moment.Variance	1	15
org.apache.commons.math3.stat.descriptive.moment.VectorialCovariance	0.99902344	4
org.apache.commons.math3.stat.descriptive.moment.VectorialMean	1	3
org.apache.commons.math3.stat.descriptive.MultivariateSummaryStatistics	1	2
org.apache.commons.math3.stat.descriptive.rank.Max	1	6
org.apache.commons.math3.stat.descriptive.rank.Median	1	1
org.apache.commons.math3.stat.descriptive.rank.Min	1	6
org.apache.commons.math3.stat.descriptive.rank.Percentile\$1	0.5	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$1	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$10	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$2	0.99999905	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$3	0.99999905	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$4	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$5	0.99998474	1

org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$6	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$7	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$8	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType\$9	0.99998474	1
org.apache.commons.math3.stat.descriptive.rank.Percentile\$EstimationType	1	14
org.apache.commons.math3.stat.descriptive.rank.Percentile	1	8
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentile\$1	0.5	2
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentile\$FixedCapacityList	0.5	1
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentile\$Marker	1	1
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentile\$Markers	1	1
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentile\$PSquareMarkers	0.5	1
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentile	1	1
org.apache.commons.math3.stat.descriptive.StatisticalMultivariateSummary	0.5	1
org.apache.commons.math3.stat.descriptive.StatisticalSummary	0.5	9
org.apache.commons.math3.stat.descriptive.StatisticalSummaryValues	0.75	3
org.apache.commons.math3.stat.descriptive.StorelessUnivariateStatistic	0.875	13
org.apache.commons.math3.stat.descriptive.summary.Product	1	2
org.apache.commons.math3.stat.descriptive.summary.Sum	1	8
org.apache.commons.math3.stat.descriptive.summary.SumOfLogs	1	5
org.apache.commons.math3.stat.descriptive.summary.SumOfSquares	1	6
org.apache.commons.math3.stat.descriptive.SummaryStatistics	1	26
org.apache.commons.math3.stat.descriptive.SynchronizedDescriptiveStatistics	1	1
org.apache.commons.math3.stat.descriptive.SynchronizedMultivariateSummaryStatistics	1	1
org.apache.commons.math3.stat.descriptive.SynchronizedSummaryStatistics	1	1
org.apache.commons.math3.stat.descriptive.UnivariateStatistic	0.75	8
org.apache.commons.math3.stat.descriptive.WeightedEvaluation	0.5	3

org.apache.commons.math3.stat.Frequency\$1	0.5	1
org.apache.commons.math3.stat.Frequency\$NaturalComparator	0.75	1
org.apache.commons.math3.stat.Frequency	0.99609375	4
org.apache.commons.math3.stat.inference.AlternativeHypothesis	0.5	1
org.apache.commons.math3.stat.inference.BinomialTest\$1	0.5	0
org.apache.commons.math3.stat.inference.BinomialTest	1	1
org.apache.commons.math3.stat.inference.ChiSquareTest	1	5
org.apache.commons.math3.stat.inference.GTest	1	2
org.apache.commons.math3.stat.inference.KolmogorovSmirnovTest	1	2
org.apache.commons.math3.stat.inference.MannWhitneyUTest	1	1
org.apache.commons.math3.stat.inference.OneWayAnova\$1	0.5	1
org.apache.commons.math3.stat.inference.OneWayAnova\$AnovaStats	0.75	1
org.apache.commons.math3.stat.inference.OneWayAnova	1	3
org.apache.commons.math3.stat.inference.TestUtils	1	0
org.apache.commons.math3.stat.inference.TTest	1	2
org.apache.commons.math3.stat.inference.WilcoxonSignedRankTest	1	1
org.apache.commons.math3.stat.interval.AgrestiCoullInterval	1	3
org.apache.commons.math3.stat.interval.BinomialConfidenceInterval	0.5	4
org.apache.commons.math3.stat.interval.ClopperPearsonInterval	1	3
org.apache.commons.math3.stat.interval.ConfidenceInterval	0.984375	5
org.apache.commons.math3.stat.interval.IntervalUtils	1	0
org.apache.commons.math3.stat.interval.NormalApproximationInterval	1	3
org.apache.commons.math3.stat.interval.WilsonScoreInterval	1	3
org.apache.commons.math3.stat.ranking.NaNStrategy	0.5	6
org.apache.commons.math3.stat.ranking.NaturalRanking\$1	0.5	0
org.apache.commons.math3.stat.ranking.NaturalRanking\$IntDoublePair	0.5	1
org.apache.commons.math3.stat.ranking.NaturalRanking	1	5
org.apache.commons.math3.stat.ranking.RankingAlgorithm	0.5	2
org.apache.commons.math3.stat.ranking.TiesStrategy	0.5	3
org.apache.commons.math3.stat.regression.AbstractMultipleLinearRegression	1	2
org.apache.commons.math3.stat.regression.GLSMultipleLinearRegression	1	1
org.apache.commons.math3.stat.regression.MillerUpdatingRegression	0.99999809	1
org.apache.commons.math3.stat.regression.ModelSpecificationException	0.9921875	2

org.apache.commons.math3.stat.regression.MultipleLinearRegression	0.5	1
org.apache.commons.math3.stat.regression.OLSMultipleLinearRegression	1	3
org.apache.commons.math3.stat.regression.RegressionResults	0.99902344	2
org.apache.commons.math3.stat.regression.SimpleRegression	1	5
org.apache.commons.math3.stat.regression.UpdatingMultipleLinearRegression	0.5	2
org.apache.commons.math3.stat.StatUtils	1	0
org.apache.commons.math3.transform.DctNormalization	0.5	2
org.apache.commons.math3.transform.DftNormalization	0.5	2
org.apache.commons.math3.transform.DstNormalization	0.5	2
org.apache.commons.math3.transform.FastCosineTransformer	1	1
org.apache.commons.math3.transform.FastFourierTransformer\$1	0.5	0
org.apache.commons.math3.transform.FastFourierTransformer\$MultiDimensionalComplexMatrix	0.99999988	1
org.apache.commons.math3.transform.FastFourierTransformer	1	3
org.apache.commons.math3.transform.FastHadamardTransformer	0.99951172	1
org.apache.commons.math3.transform.FastSineTransformer	1	1
org.apache.commons.math3.transform.RealTransformer	0.875	3
org.apache.commons.math3.transform.TransformType	0.5	9
org.apache.commons.math3.transform.TransformUtils	1	0
org.apache.commons.math3.util.ArithmeticUtils	0.99999619	0
org.apache.commons.math3.util.BigReal	0.9921875	1
org.apache.commons.math3.util.BigRealField\$1	0.5	1
org.apache.commons.math3.util.BigRealField\$LazyHolder	0.9375	0
org.apache.commons.math3.util.BigRealField	0.875	1
org.apache.commons.math3.util.CentralPivotingStrategy	0.75	1
org.apache.commons.math3.util.Combinations\$1	0.5	0
org.apache.commons.math3.util.Combinations\$IterationOrder	0.5	1
org.apache.commons.math3.util.Combinations\$LexicographicComparator	0.99999809	1
org.apache.commons.math3.util.Combinations\$LexicographicIterator	0.5	1
org.apache.commons.math3.util.Combinations\$SingletonIterator	0.5	1
org.apache.commons.math3.util.Combinations	1	2
org.apache.commons.math3.util.CombinatoricsUtils	1	0
org.apache.commons.math3.util.CompositeFormat	0.5	0
org.apache.commons.math3.util.ContinuedFraction	0.99996948	3
org.apache.commons.math3.util.Decimal64	0.99975586	1
org.apache.commons.math3.util.Decimal64Field	0.75	0
org.apache.commons.math3.util.DefaultTransformer	0.99993896	4
org.apache.commons.math3.util.DoubleArray	0.5	1
org.apache.commons.math3.util.FastMath\$CodyWaite	0.5	1

org.apache.commons.math3.util.FastMath\$ExpFracTable	0.5	0
org.apache.commons.math3.util.FastMath\$ExpIntTable	0.5	0
org.apache.commons.math3.util.FastMath\$InMant	0.5	0
org.apache.commons.math3.util.FastMath	0.9921875	0
org.apache.commons.math3.util.FastMathCalc	0.99902344	0
org.apache.commons.math3.util.FastMathLiteralArrays	0.5	0
org.apache.commons.math3.util.Incrementor\$1	0.99804688	1
org.apache.commons.math3.util.Incrementor\$MaxCountExceededCallback	0.5	8
org.apache.commons.math3.util.Incrementor	0.99999619	15
org.apache.commons.math3.util.IterationEvent	0.5	11
org.apache.commons.math3.util.IterationListener	0.75	9
org.apache.commons.math3.util.IterationManager	0.99999988	4
org.apache.commons.math3.util.KthSelector	0.9375	6
org.apache.commons.math3.util.MathArrays\$1	0.75	1
org.apache.commons.math3.util.MathArrays\$2	0.75	1
org.apache.commons.math3.util.MathArrays\$3	0.5	0
org.apache.commons.math3.util.MathArrays\$Function	0.5	3
org.apache.commons.math3.util.MathArrays\$OrderDirection	0.5	2
org.apache.commons.math3.util.MathArrays\$Position	0.5	1
org.apache.commons.math3.util.MathArrays	1	0
org.apache.commons.math3.util.MathUtils	0.99999988	0
org.apache.commons.math3.util.MedianOf3PivotingStrategy	0.75	3
org.apache.commons.math3.util.MultidimensionalCounter\$Iterator	1	1
org.apache.commons.math3.util.MultidimensionalCounter	1	2
org.apache.commons.math3.util.NumberTransformer	0.5	5
org.apache.commons.math3.util.OpenIntToDoubleHashMap\$1	0.5	1
org.apache.commons.math3.util.OpenIntToDoubleHashMap\$Iterator	0.875	2
org.apache.commons.math3.util.OpenIntToDoubleHashMap	0.875	4
org.apache.commons.math3.util.OpenIntToFieldHashMap\$1	0.5	1
org.apache.commons.math3.util.OpenIntToFieldHashMap\$Iterator	0.96875	1
org.apache.commons.math3.util.OpenIntToFieldHashMap	0.96875	4
org.apache.commons.math3.util.Pair	0.5	39
org.apache.commons.math3.util.PivotingStrategyInterface	0.5	5
org.apache.commons.math3.util.Precision	0.99951172	0
org.apache.commons.math3.util.RandomPivotingStrategy	0.875	1
org.apache.commons.math3.util.ResizableDoubleArray\$1	0.5	0
org.apache.commons.math3.util.ResizableDoubleArray\$ExpansionMode	0.5	1
org.apache.commons.math3.util.ResizableDoubleArray	1	3
org.apache.commons.math3.util.TransformerMap	0.99998474	2
org.apache.commons.math3.analysis.differentiation.DerivativeStructureTest	1	0

org.apache.commons.math3.analysis.differentiation.DSCompilerTest	0.5	0
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$1	0.875	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$2	0.875	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$3	0.99902344	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$4	0.99902344	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$5	0.99902344	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$6	0.99999952	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$7	0.875	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$8	0.875	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest\$9	0.875	1
org.apache.commons.math3.analysis.differentiation.FiniteDifferencesDifferentiatorTest	1	9
org.apache.commons.math3.analysis.differentiation.GradientFunctionTest\$1	0.5	1
org.apache.commons.math3.analysis.differentiation.GradientFunctionTest\$EuclideanDistance	0.9375	1
org.apache.commons.math3.analysis.differentiation.GradientFunctionTest	1	0
org.apache.commons.math3.analysis.differentiation.JacobianFunctionTest\$SphereMapping	1	1
org.apache.commons.math3.analysis.differentiation.JacobianFunctionTest	1	0
org.apache.commons.math3.analysis.differentiation.SparseGradientTest	1	0
org.apache.commons.math3.analysis.function.GaussianTest	1	0
org.apache.commons.math3.analysis.function.HarmonicOscillatorTest	1	0
org.apache.commons.math3.analysis.function.LogisticTest	1	0
org.apache.commons.math3.analysis.function.LogitTest	1	0
org.apache.commons.math3.analysis.function.SigmoidTest	1	0
org.apache.commons.math3.analysis.function.SincTest\$1	0.984375	1
org.apache.commons.math3.analysis.function.SincTest\$2	0.984375	1
org.apache.commons.math3.analysis.function.SincTest	1	2
org.apache.commons.math3.analysis.function.SqrtTest\$1	0.875	1
org.apache.commons.math3.analysis.function.SqrtTest\$2	0.875	1
org.apache.commons.math3.analysis.function.SqrtTest	1	2
org.apache.commons.math3.analysis.function.StepFunctionTest	0.99999999	0

org.apache.commons.math3.analysis.FunctionUtilsTest\$1	0.99999237	1
org.apache.commons.math3.analysis.FunctionUtilsTest\$2\$1	0.96875	1
org.apache.commons.math3.analysis.FunctionUtilsTest\$2\$2	0.96875	1
org.apache.commons.math3.analysis.FunctionUtilsTest\$2	0.99999952	3
org.apache.commons.math3.analysis.FunctionUtilsTest	1	2
org.apache.commons.math3.analysis.integration.gauss.BaseRuleFactoryTest	0.99999999	0
org.apache.commons.math3.analysis.integration.gauss.DummyRuleFactory	0.99999994	1
org.apache.commons.math3.analysis.integration.gauss.GaussianQuadratureAbstractTest	1	3
org.apache.commons.math3.analysis.integration.gauss.GaussIntegratorTest	1	0
org.apache.commons.math3.analysis.integration.gauss.HermiteParametricTest	1	0
org.apache.commons.math3.analysis.integration.gauss.HermiteTest\$1	1	1
org.apache.commons.math3.analysis.integration.gauss.HermiteTest\$2	1	1
org.apache.commons.math3.analysis.integration.gauss.HermiteTest\$3	1	1
org.apache.commons.math3.analysis.integration.gauss.HermiteTest	1	3
org.apache.commons.math3.analysis.integration.gauss.LegendreHighPrecisionParametricTest	1	0
org.apache.commons.math3.analysis.integration.gauss.LegendreHighPrecisionTest	1	0
org.apache.commons.math3.analysis.integration.gauss.LegendreParametricTest	1	0
org.apache.commons.math3.analysis.integration.gauss.LegendreTest	1	0
org.apache.commons.math3.analysis.integration.gauss.RuleBuilder	0.99999997	1
org.apache.commons.math3.analysis.integration.IterativeLegendreGaussIntegratorTest\$1	0.875	1
org.apache.commons.math3.analysis.integration.IterativeLegendreGaussIntegratorTest	1	1
org.apache.commons.math3.analysis.integration.LegendreGaussIntegratorTest\$1	1	1
org.apache.commons.math3.analysis.integration.LegendreGaussIntegratorTest	1	1
org.apache.commons.math3.analysis.integration.MidPointIntegratorTest	1	0
org.apache.commons.math3.analysis.integration.RombergIntegratorTest	1	0
org.apache.commons.math3.analysis.integration.SimpsonIntegratorTest	1	0

org.apache.commons.math3.analysis.integration.TrapezoidIntegratorTest	1	0
org.apache.commons.math3.analysis.interpolation.AkimaSplineInterpolatorTest\$1	0.99999809	1
org.apache.commons.math3.analysis.interpolation.AkimaSplineInterpolatorTest\$2	0.99999809	1
org.apache.commons.math3.analysis.interpolation.AkimaSplineInterpolatorTest\$3	0.99999809	1
org.apache.commons.math3.analysis.interpolation.AkimaSplineInterpolatorTest	0.99999988	3
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$1	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$2	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$3	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$4	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$5	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$6	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$7	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest\$8	1	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatingFunctionTest	1	8
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatorTest\$1	0.99999809	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatorTest\$2	0.99999809	1
org.apache.commons.math3.analysis.interpolation.BicubicInterpolatorTest	1	2
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$1	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$10	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$11	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$12	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$13	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$14	0.99999619	1

org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$15	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$16	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$17	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$2	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$3	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$4	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$5	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$6	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$7	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$8	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest\$9	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatingFunctionTest	1	17
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatorTest\$1	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatorTest\$2	0.99999619	1
org.apache.commons.math3.analysis.interpolation.BicubicSplineInterpolatorTest	0.99999905	2
org.apache.commons.math3.analysis.interpolation.DividedDifferenceInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.FieldHermiteInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.HermiteInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.LinearInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.LoessInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.MicrosphereInterpolatorTest\$1	0.875	1
org.apache.commons.math3.analysis.interpolation.MicrosphereInterpolatorTest\$2	0.875	1
org.apache.commons.math3.analysis.interpolation.MicrosphereInterpolatorTest	0.96875	2

org.apache.commons.math3.analysis.interpolation.NevilleInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatingFunctionTest\$1	0.99999809	1
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatingFunctionTest\$2	0.99999809	1
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatingFunctionTest	0.99999952	2
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatorTest\$1	0.99999619	1
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatorTest\$2	0.99999619	1
org.apache.commons.math3.analysis.interpolation.PiecewiseBicubicSplineInterpolatorTest	0.99999905	2
org.apache.commons.math3.analysis.interpolation.SmoothingPolynomialBicubicSplineInterpolatorTest\$1	0.875	1
org.apache.commons.math3.analysis.interpolation.SmoothingPolynomialBicubicSplineInterpolatorTest\$2	0.875	1
org.apache.commons.math3.analysis.interpolation.SmoothingPolynomialBicubicSplineInterpolatorTest	0.96875	2
org.apache.commons.math3.analysis.interpolation.SplineInterpolatorTest	1	0
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$1	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$10	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$11	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$12	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$13	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$14	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$15	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$16	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$17	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$18	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$19	1	1
org.apache.commons.math3.analysis.interpolation.TrubicInterpolatingFunctionTest\$2	1	1

org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$20	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$21	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$22	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$3	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$4	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$5	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$6	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$7	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$8	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest\$9	1	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatingFunctionTest	1	22
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatorTest\$1	0.875	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatorTest\$2	0.875	1
org.apache.commons.math3.analysis.interpolation.TricubicInterpolatorTest	0.99999988	2
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$1	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$2	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$3	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$4	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$5	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$6	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$7	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$8	1	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest\$9	1	1

org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatingFunctionTest	1	9
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatorTest\$1	0.875	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatorTest\$2	0.875	1
org.apache.commons.math3.analysis.interpolation.TricubicSplineInterpolatorTest	0.96875	2
org.apache.commons.math3.analysis.interpolation.UnivariatePeriodicInterpolatorTest	1	0
org.apache.commons.math3.analysis.MonitoredFunction	0.75	1
org.apache.commons.math3.analysis.polynomials.PolynomialFunctionLagrangeFormTest	0.99999952	0
org.apache.commons.math3.analysis.polynomials.PolynomialFunctionNewtonFormTest	1	0
org.apache.commons.math3.analysis.polynomials.PolynomialFunctionTest	1	0
org.apache.commons.math3.analysis.polynomials.PolynomialSplineFunctionTest	1	0
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest\$1	0.9375	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest\$2	0.9375	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest\$3	0.9375	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest\$4	0.9375	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest\$5	0.9375	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest\$6	0.9375	1
org.apache.commons.math3.analysis.polynomials.PolynomialsUtilsTest	1	6
org.apache.commons.math3.analysis.QuinticFunction	1	21
org.apache.commons.math3.analysis.solvers.BaseSecantSolverAbstractTest	1	5
org.apache.commons.math3.analysis.solvers.BisectionSolverTest	1	0
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$1	1	1
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$2	1	1
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$3	1	1
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$4	1	1

org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$5	1	1
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$6	1	1
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$7	1	1
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest\$TestFunction	1	7
org.apache.commons.math3.analysis.solvers.BracketingNthOrderBrentSolverTest	1	7
org.apache.commons.math3.analysis.solvers.BrentSolverTest\$1	1	1
org.apache.commons.math3.analysis.solvers.BrentSolverTest	1	1
org.apache.commons.math3.analysis.solvers.IllinoisSolverTest	1	0
org.apache.commons.math3.analysis.solvers.LaguerreSolverTest	1	0
org.apache.commons.math3.analysis.solvers.MullerSolver2Test	1	0
org.apache.commons.math3.analysis.solvers.MullerSolverTest	1	0
org.apache.commons.math3.analysis.solvers.NewtonRaphsonSolverTest	1	0
org.apache.commons.math3.analysis.solvers.NewtonSolverTest\$1\$1	1	1
org.apache.commons.math3.analysis.solvers.NewtonSolverTest\$1	1	2
org.apache.commons.math3.analysis.solvers.NewtonSolverTest	1	1
org.apache.commons.math3.analysis.solvers.PegasusSolverTest	1	0
org.apache.commons.math3.analysis.solvers.RegulaFalsiSolverTest\$1	1	1
org.apache.commons.math3.analysis.solvers.RegulaFalsiSolverTest	1	1
org.apache.commons.math3.analysis.solvers.RiddersSolverTest	1	0
org.apache.commons.math3.analysis.solvers.SecantSolverTest	1	0
org.apache.commons.math3.analysis.solvers.UnivariateSolverUtilsTest\$1	0.875	1
org.apache.commons.math3.analysis.solvers.UnivariateSolverUtilsTest\$2	0.875	1
org.apache.commons.math3.analysis.solvers.UnivariateSolverUtilsTest	0.96875	2
org.apache.commons.math3.analysis.SumSincFunction	1	2
org.apache.commons.math3.analysis.XMinus5Function	1	1
org.apache.commons.math3.complex.ComplexFieldTest	0.5	0
org.apache.commons.math3.complex.ComplexFormatAbstractTest	1	2
org.apache.commons.math3.complex.ComplexFormatTest	1	0
org.apache.commons.math3.complex.ComplexTest\$TestComplex	0.99993896	1
org.apache.commons.math3.complex.ComplexTest	1	0
org.apache.commons.math3.complex.ComplexUtilsTest	0.99993896	0

org.apache.commons.math3.complex.FrenchComplexFormatTest	1	0
org.apache.commons.math3.complex.QuaternionTest	1	0
org.apache.commons.math3.complex.RootsOfUnityTest	0.99999997	0
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$1	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$2	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$3	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$4	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$5	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$6	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$7	0.99999988	1
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest \$8	0.5	0
org.apache.commons.math3.dfp.BracketingNthOrderBrentSolverDFPTest	0.99999809	7
org.apache.commons.math3.dfp.Decimal10	1	1
org.apache.commons.math3.dfp.DfpDecTest	1	0
org.apache.commons.math3.dfp.DfpMathTest	1	0
org.apache.commons.math3.dfp.DfpTest	1	0
org.apache.commons.math3.distribution.AbstractIntegerDistributionTest \$DiceDistribution	1	1
org.apache.commons.math3.distribution.AbstractIntegerDistributionTest	0.75	1
org.apache.commons.math3.distribution.AbstractRealDistributionTest\$1	1	1
org.apache.commons.math3.distribution.AbstractRealDistributionTest\$2 \$1	1	1
org.apache.commons.math3.distribution.AbstractRealDistributionTest\$2 \$2	1	1
org.apache.commons.math3.distribution.AbstractRealDistributionTest\$2	1	3
org.apache.commons.math3.distribution.AbstractRealDistributionTest	1	2
org.apache.commons.math3.distribution.BetaDistributionTest	1	0
org.apache.commons.math3.distribution.BinomialDistributionTest	1	1
org.apache.commons.math3.distribution.CauchyDistributionTest	1	0
org.apache.commons.math3.distribution.ChiSquaredDistributionTest	1	0

org.apache.commons.math3.distribution.ConstantRealDistributionTest	1	0
org.apache.commons.math3.distribution.EnumeratedIntegerDistributionTest	1	0
org.apache.commons.math3.distribution.EnumeratedRealDistributionTest\$1	1	1
org.apache.commons.math3.distribution.EnumeratedRealDistributionTest\$2	1	1
org.apache.commons.math3.distribution.EnumeratedRealDistributionTest	1	2
org.apache.commons.math3.distribution.ExponentialDistributionTest	1	0
org.apache.commons.math3.distribution.FDistributionTest	1	0
org.apache.commons.math3.distribution.fitting.MultivariateNormalMixtureExpectationMaximizationTest	1	0
org.apache.commons.math3.distribution.GammaDistributionTest	1	0
org.apache.commons.math3.distribution.GeometricDistributionTest	1	0
org.apache.commons.math3.distribution.GumbelDistributionTest	1	0
org.apache.commons.math3.distribution.HypergeometricDistributionTest	1	1
org.apache.commons.math3.distribution.IntegerDistributionAbstractTest	0.75	7
org.apache.commons.math3.distribution.KolmogorovSmirnovDistributionTest	1	0
org.apache.commons.math3.distribution.LaplaceDistributionTest	1	0
org.apache.commons.math3.distribution.LevyDistributionTest	1	0
org.apache.commons.math3.distribution.LogisticsDistributionTest	1	0
org.apache.commons.math3.distribution.LogNormalDistributionTest	1	0
org.apache.commons.math3.distribution.MultivariateNormalDistributionTest	1	0
org.apache.commons.math3.distribution.MultivariateNormalMixtureModelDistribution	1	1
org.apache.commons.math3.distribution.MultivariateNormalMixtureModelDistributionTest	1	0
org.apache.commons.math3.distribution.NakagamiDistributionTest	1	0
org.apache.commons.math3.distribution.NormalDistributionTest	1	0
org.apache.commons.math3.distribution.ParetoDistributionTest	1	0
org.apache.commons.math3.distribution.PascalDistributionTest	1	1

org.apache.commons.math3.distribution.PoissonDistributionTest	1	0
org.apache.commons.math3.distribution.RealDistributionAbstractTest\$1	0.9375	1
org.apache.commons.math3.distribution.RealDistributionAbstractTest	1	20
org.apache.commons.math3.distribution.TDistributionTest	1	0
org.apache.commons.math3.distribution.TriangularDistributionTest	1	0
org.apache.commons.math3.distribution.UniformIntegerDistributionTest	1	0
org.apache.commons.math3.distribution.UniformRealDistributionTest	1	0
org.apache.commons.math3.distribution.WeibullDistributionTest	1	0
org.apache.commons.math3.distribution.ZipfDistributionTest	1	1
org.apache.commons.math3.exception.DimensionMismatchExceptionTest	0.99902344	0
org.apache.commons.math3.exception.MaxCountExceededExceptionTest	0.99609375	0
org.apache.commons.math3.exception.NonMonotonicSequenceExceptionTest	0.99902344	0
org.apache.commons.math3.exception.NotPositiveExceptionTest	0.99975586	0
org.apache.commons.math3.exception.NotStrictlyPositiveExceptionTest	0.99975586	0
org.apache.commons.math3.exception.NumberIsTooLargeExceptionTest	0.99902344	0
org.apache.commons.math3.exception.NumberIsTooSmallExceptionTest	0.99902344	0
org.apache.commons.math3.exception.OutOfRangeExceptionTest	0.99902344	0
org.apache.commons.math3.exception.TooManyEvaluationsExceptionTest	0.99804688	0
org.apache.commons.math3.exception.util.ArgUtilsTest	0.5	0
org.apache.commons.math3.exception.util.ExceptionContextTest\$Unserializable	0.5	1
org.apache.commons.math3.exception.util.ExceptionContextTest	0.9375	0
org.apache.commons.math3.exception.util.LocalizedFormatsTest	0.5	0
org.apache.commons.math3.ExtendedFieldElementAbstractTest	0.99999809	4
org.apache.commons.math3.filter.KalmanFilterTest\$Cannonball	0.5	1
org.apache.commons.math3.filter.KalmanFilterTest	1	0
org.apache.commons.math3.fitting.CurveFitterTest\$1	0.875	2

org.apache.commons.math3.fitting.CurveFitterTest\$SimpleInverseFunction	0.9375	1
org.apache.commons.math3.fitting.CurveFitterTest	1	1
org.apache.commons.math3.fitting.GaussianCurveFitterTest	0.875	0
org.apache.commons.math3.fitting.GaussianFitterTest	1	0
org.apache.commons.math3.fitting.HarmonicCurveFitterTest	1	0
org.apache.commons.math3.fitting.HarmonicFitterTest	1	0
org.apache.commons.math3.fitting.leastsquares.AbstractLeastSquaresOptimizerAbstractTest\$1	1	1
org.apache.commons.math3.fitting.leastsquares.AbstractLeastSquaresOptimizerAbstractTest\$2	0.9375	1
org.apache.commons.math3.fitting.leastsquares.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem\$1	0.875	1
org.apache.commons.math3.fitting.leastsquares.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem	1	5
org.apache.commons.math3.fitting.leastsquares.AbstractLeastSquaresOptimizerAbstractTest	1	8
org.apache.commons.math3.fitting.leastsquares.CircleProblem\$1	0.875	1
org.apache.commons.math3.fitting.leastsquares.CircleProblem\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.CircleProblem	0.96875	3
org.apache.commons.math3.fitting.leastsquares.CircleVectorial\$1	0.99999952	1
org.apache.commons.math3.fitting.leastsquares.CircleVectorial\$2	0.99999952	1
org.apache.commons.math3.fitting.leastsquares.CircleVectorial	0.99999988	8
org.apache.commons.math3.fitting.leastsquares.EvaluationRmsCheckerTest\$1	0.75	1
org.apache.commons.math3.fitting.leastsquares.EvaluationRmsCheckerTest	0.984375	0
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$1	1	1
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$2	1	1
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$3	1	1
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$4	1	1
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$5	1	1
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$6	0.875	1
org.apache.commons.math3.fitting.leastsquares.EvaluationTest\$7	0.875	1

org.apache.commons.math3.fitting.leastsquares.EvaluationTest	1	7
org.apache.commons.math3.fitting.leastsquares.EvaluationTestValidation	1	0
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizerWithCholeskyTest	1	0
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizerWithLUTest	1	0
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizerWithQRTest	1	0
org.apache.commons.math3.fitting.leastsquares.GaussNewtonOptimizerWithSVDTest	1	0
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOptimizerTest\$1	1	1
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOptimizerTest\$2	0.9375	1
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOptimizerTest\$BevingtonProblem\$1	0.875	1
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOptimizerTest\$BevingtonProblem\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOptimizerTest\$BevingtonProblem	0.96875	3
org.apache.commons.math3.fitting.leastsquares.LevenbergMarquardtOptimizerTest	0.99975586	2
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$BardFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$Box3DimensionalFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$BrownAlmostLinearFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$BrownDennisFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$ChebyquadFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$FreudensteinRothFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$HelicalValleyFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$JennrichSampsonFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$KowalikOsborneFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$LinearFullRankFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$LinearRank1Function	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$LinearRank1ZeroColsAndRowsFunction	0.984375	1

org.apache.commons.math3.fitting.leastsquares.MinpackTest\$MeyerFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$MinpackFunction\$1	0.875	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$MinpackFunction\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$MinpackFunction	0.96875	21
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$Osborne1Function	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$Osborne2Function	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$PowellSingularFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$RosenbrockFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest\$WatsonFunction	0.984375	1
org.apache.commons.math3.fitting.leastsquares.MinpackTest	1	0
org.apache.commons.math3.fitting.leastsquares.RandomCirclePointGenerator	1	1
org.apache.commons.math3.fitting.leastsquares.RandomStraightLinePointGenerator	1	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSet\$LeastSquaresProblem\$1	0.875	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSet\$LeastSquaresProblem\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSet\$LeastSquaresProblem	0.984375	3
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSet	0.75	8
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSetFactory\$1	0.875	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSetFactory\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSetFactory\$3	0.875	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSetFactory\$4	0.875	1
org.apache.commons.math3.fitting.leastsquares.StatisticalReferenceDataSetFactory	0.99996948	0
org.apache.commons.math3.fitting.leastsquares.StraightLineProblem\$1	0.96875	1
org.apache.commons.math3.fitting.leastsquares.StraightLineProblem\$2	0.875	1
org.apache.commons.math3.fitting.leastsquares.StraightLineProblem\$Model	0.75	1

org.apache.commons.math3.fitting.leastsquares.StraightLineProblem	0.9921875	3
org.apache.commons.math3.fitting.PolynomialCurveFitterTest	1	0
org.apache.commons.math3.fitting.PolynomialFitterTest	1	0
org.apache.commons.math3.fitting.SimpleCurveFitterTest	1	0
org.apache.commons.math3.fitting.WeightedObservedPointsTest	0.9375	0
org.apache.commons.math3.fraction.BigFractionFieldTest	0.5	0
org.apache.commons.math3.fraction.BigFractionFormatTest	1	0
org.apache.commons.math3.fraction.BigFractionTest	1	0
org.apache.commons.math3.fraction.FractionFieldTest	0.5	0
org.apache.commons.math3.fraction.FractionFormatTest	0.99999988	0
org.apache.commons.math3.fraction.FractionTest	0.99999988	0
org.apache.commons.math3.genetics.BinaryChromosomeTest	0.99999237	0
org.apache.commons.math3.genetics.BinaryMutationTest	1	0
org.apache.commons.math3.genetics.ChromosomeTest\$1	0.9375	1
org.apache.commons.math3.genetics.ChromosomeTest\$2	0.9375	1
org.apache.commons.math3.genetics.ChromosomeTest\$3	0.9375	1
org.apache.commons.math3.genetics.ChromosomeTest\$4	0.75	1
org.apache.commons.math3.genetics.ChromosomeTest\$5	0.75	1
org.apache.commons.math3.genetics.ChromosomeTest\$6	0.75	1
org.apache.commons.math3.genetics.ChromosomeTest\$7	0.75	1
org.apache.commons.math3.genetics.ChromosomeTest\$8	0.75	1
org.apache.commons.math3.genetics.ChromosomeTest\$9	0.75	1
org.apache.commons.math3.genetics.ChromosomeTest\$DummyChromosome	0.9375	5
org.apache.commons.math3.genetics.ChromosomeTest	0.99902344	9
org.apache.commons.math3.genetics.CycleCrossoverTest\$1	0.9375	1
org.apache.commons.math3.genetics.CycleCrossoverTest\$2	0.9375	1
org.apache.commons.math3.genetics.CycleCrossoverTest	0.875	2
org.apache.commons.math3.genetics.DummyBinaryChromosome	0.99998474	9
org.apache.commons.math3.genetics.DummyListChromosome	0.96875	2
org.apache.commons.math3.genetics.DummyRandomKey	1	2
org.apache.commons.math3.genetics.ElitisticListPopulationTest\$DummyChromosome	0.9375	1
org.apache.commons.math3.genetics.ElitisticListPopulationTest	1	0
org.apache.commons.math3.genetics.FitnessCachingTest\$DummyCountingBinaryChromosome	0.99999237	1
org.apache.commons.math3.genetics.FitnessCachingTest	1	0
org.apache.commons.math3.genetics.FixedElapsedTimeTest\$1	0.96875	1
org.apache.commons.math3.genetics.FixedElapsedTimeTest	0.75	1
org.apache.commons.math3.genetics.FixedGenerationCountTest\$1	0.96875	1
org.apache.commons.math3.genetics.FixedGenerationCountTest	0.75	1

org.apache.commons.math3.genetics.GeneticAlgorithmTestBinary\$FindOnes	0.99998474	1
org.apache.commons.math3.genetics.GeneticAlgorithmTestBinary	1	0
org.apache.commons.math3.genetics.GeneticAlgorithmTestPermutations\$MinPermutations	1	1
org.apache.commons.math3.genetics.GeneticAlgorithmTestPermutations	1	0
org.apache.commons.math3.genetics.ListPopulationTest\$1	0.9375	1
org.apache.commons.math3.genetics.ListPopulationTest\$10	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$11	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$12	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$13	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$2	0.9375	1
org.apache.commons.math3.genetics.ListPopulationTest\$3	0.9375	1
org.apache.commons.math3.genetics.ListPopulationTest\$4	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$5	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$6	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$7	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$8	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest\$9	0.75	1
org.apache.commons.math3.genetics.ListPopulationTest	0.99993896	13
org.apache.commons.math3.genetics.NPointCrossoverTest\$1	0.9375	1
org.apache.commons.math3.genetics.NPointCrossoverTest\$2	0.9375	1
org.apache.commons.math3.genetics.NPointCrossoverTest	0.875	2
org.apache.commons.math3.genetics.OnePointCrossoverTest	1	0
org.apache.commons.math3.genetics.OrderedCrossoverTest\$1	0.9375	1
org.apache.commons.math3.genetics.OrderedCrossoverTest\$2	0.9375	1
org.apache.commons.math3.genetics.OrderedCrossoverTest	0.875	2
org.apache.commons.math3.genetics.RandomKeyMutationTest	1	0
org.apache.commons.math3.genetics.RandomKeyTest\$1	0.75	1
org.apache.commons.math3.genetics.RandomKeyTest\$2	0.75	1
org.apache.commons.math3.genetics.RandomKeyTest	0.875	2
org.apache.commons.math3.genetics.TournamentSelectionTest\$DummyChromosome	0.9375	1
org.apache.commons.math3.genetics.TournamentSelectionTest	1	0
org.apache.commons.math3.genetics.UniformCrossoverTest\$1	0.9375	1
org.apache.commons.math3.genetics.UniformCrossoverTest\$2	0.9375	1
org.apache.commons.math3.genetics.UniformCrossoverTest	0.875	2
org.apache.commons.math3.geometry.enclosing.WelzlEncloser2DTest	1	0
org.apache.commons.math3.geometry.enclosing.WelzlEncloser3DTest	1	0
org.apache.commons.math3.geometry.euclidean.oned.Euclidean1DTest	0.5	0
org.apache.commons.math3.geometry.euclidean.oned.FrenchVector1DFormatTest	1	0

org.apache.commons.math3.geometry.euclidean.oned.IntervalsSetTest	1	0
org.apache.commons.math3.geometry.euclidean.oned.IntervalTest	0.75	0
org.apache.commons.math3.geometry.euclidean.oned.Vector1DFormatAbstractTest	1	2
org.apache.commons.math3.geometry.euclidean.oned.Vector1DFormatTest	1	0
org.apache.commons.math3.geometry.euclidean.oned.Vector1DTest	0.99999988	0
org.apache.commons.math3.geometry.euclidean.threed.Euclidean3DTest	0.5	0
org.apache.commons.math3.geometry.euclidean.threed.FieldRotationDfTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.FieldRotationDSTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.FieldVector3DTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.FrenchVector3DFormatTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.LineTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.PlaneTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.PLYParser\$1	0.5	0
org.apache.commons.math3.geometry.euclidean.threed.PLYParser\$Field	0.5	1
org.apache.commons.math3.geometry.euclidean.threed.PLYParser\$Token	0.5	0
org.apache.commons.math3.geometry.euclidean.threed.PLYParser	1	1
org.apache.commons.math3.geometry.euclidean.threed.PolyhedronsSetTest\$1	1	1
org.apache.commons.math3.geometry.euclidean.threed.PolyhedronsSetTest	1	1
org.apache.commons.math3.geometry.euclidean.threed.RotationOrderTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.RotationTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.SphereGeneratorTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.SphericalCoordinatesTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.SubLineTest	1	0

org.apache.commons.math3.geometry.euclidean.threed.Vector3DFormatAbstractTest	1	2
org.apache.commons.math3.geometry.euclidean.threed.Vector3DFormatTest	1	0
org.apache.commons.math3.geometry.euclidean.threed.Vector3DTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.DiskGeneratorTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.Euclidean2DTest	0.5	0
org.apache.commons.math3.geometry.euclidean.twod.FrenchVector2DFormatTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.hull.AklToussaintHeuristicTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.hull.ConvexHullGenerator2DAbstractTest	1	2
org.apache.commons.math3.geometry.euclidean.twod.hull.MonotoneChainTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.LineTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSetTest\$1	0.5	1
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSetTest\$Counter\$1	0.99999905	1
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSetTest\$Counter	0.9375	2
org.apache.commons.math3.geometry.euclidean.twod.PolygonsSetTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.SegmentTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.SubLineTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.Vector2DFormatAbstractTest	1	2
org.apache.commons.math3.geometry.euclidean.twod.Vector2DFormatTest	1	0
org.apache.commons.math3.geometry.euclidean.twod.Vector2DTest	1	0
org.apache.commons.math3.geometry.partitioning.RegionDumper\$1	1	1
org.apache.commons.math3.geometry.partitioning.RegionDumper\$2	1	1
org.apache.commons.math3.geometry.partitioning.RegionDumper\$3	1	1
org.apache.commons.math3.geometry.partitioning.RegionDumper\$4	1	1
org.apache.commons.math3.geometry.partitioning.RegionDumper\$5	1	1

org.apache.commons.math3.geometry.partitioning.RegionDumper\$TreeDumper	1	5
org.apache.commons.math3.geometry.partitioning.RegionDumper	1	0
org.apache.commons.math3.geometry.partitioning.RegionParser\$1	1	1
org.apache.commons.math3.geometry.partitioning.RegionParser\$2	1	1
org.apache.commons.math3.geometry.partitioning.RegionParser\$3	1	1
org.apache.commons.math3.geometry.partitioning.RegionParser\$4	1	1
org.apache.commons.math3.geometry.partitioning.RegionParser\$5	1	1
org.apache.commons.math3.geometry.partitioning.RegionParser\$TreeBuilder	0.99999999	5
org.apache.commons.math3.geometry.partitioning.RegionParser	1	0
org.apache.commons.math3.geometry.partitioning.utilities.AVLTreeTest	0.96875	0
org.apache.commons.math3.geometry.spherical.oned.ArcsSetTest	1	0
org.apache.commons.math3.geometry.spherical.oned.ArcTest	0.99951172	0
org.apache.commons.math3.geometry.spherical.oned.LimitAngleTest	1	0
org.apache.commons.math3.geometry.spherical.oned.S1PointTest	1	0
org.apache.commons.math3.geometry.spherical.oned.Sphere1Test	0.5	0
org.apache.commons.math3.geometry.spherical.twod.CircleTest	1	0
org.apache.commons.math3.geometry.spherical.twod.S2PointTest	1	0
org.apache.commons.math3.geometry.spherical.twod.SphericalPolygonsSetTest	1	0
org.apache.commons.math3.geometry.spherical.twod.SubCircleTest	1	0
org.apache.commons.math3.linear.Array2DRowRealMatrixTest\$1	0.5	2
org.apache.commons.math3.linear.Array2DRowRealMatrixTest\$GetVisitor	0.9375	1
org.apache.commons.math3.linear.Array2DRowRealMatrixTest\$SetVisitor	0.9375	1
org.apache.commons.math3.linear.Array2DRowRealMatrixTest	1	0
org.apache.commons.math3.linear.ArrayFieldVectorTest\$1	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$10	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$11	1	1

org.apache.commons.math3.linear.ArrayFieldVectorTest\$12	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$2	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$3	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$4	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$5	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$6	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$7	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$8	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$9	1	1
org.apache.commons.math3.linear.ArrayFieldVectorTest\$FieldVectorTestImpl	0.9375	2
org.apache.commons.math3.linear.ArrayFieldVectorTest	1	12
org.apache.commons.math3.linear.ArrayRealVectorTest	1	0
org.apache.commons.math3.linear.BiDiagonalTransformerTest	1	0
org.apache.commons.math3.linear.BlockFieldMatrixTest\$GetVisitor	1	1
org.apache.commons.math3.linear.BlockFieldMatrixTest\$SetVisitor	1	1
org.apache.commons.math3.linear.BlockFieldMatrixTest	1	0
org.apache.commons.math3.linear.BlockRealMatrixTest\$1	0.5	2
org.apache.commons.math3.linear.BlockRealMatrixTest\$GetVisitor	0.9375	1
org.apache.commons.math3.linear.BlockRealMatrixTest\$SetVisitor	0.9375	1
org.apache.commons.math3.linear.BlockRealMatrixTest	1	0
org.apache.commons.math3.linear.CholeskyDecompositionTest	1	0
org.apache.commons.math3.linear.CholeskySolverTest	1	0
org.apache.commons.math3.linear.ConjugateGradientTest\$1	1	1
org.apache.commons.math3.linear.ConjugateGradientTest\$2	1	1
org.apache.commons.math3.linear.ConjugateGradientTest\$3	1	1
org.apache.commons.math3.linear.ConjugateGradientTest\$4	1	1
org.apache.commons.math3.linear.ConjugateGradientTest\$5	1	1
org.apache.commons.math3.linear.ConjugateGradientTest\$6	0.96875	1
org.apache.commons.math3.linear.ConjugateGradientTest\$7	0.984375	1
org.apache.commons.math3.linear.ConjugateGradientTest\$8	0.984375	1
org.apache.commons.math3.linear.ConjugateGradientTest	1	8
org.apache.commons.math3.linear.DiagonalMatrixTest	1	0
org.apache.commons.math3.linear.EigenDecompositionTest	1	0
org.apache.commons.math3.linear.EigenSolverTest	1	0
org.apache.commons.math3.linear.FieldLUDecompositionTest	1	0
org.apache.commons.math3.linear.FieldLUSolverTest	1	0
org.apache.commons.math3.linear.FieldMatrixImplTest\$GetVisitor	1	1
org.apache.commons.math3.linear.FieldMatrixImplTest\$SetVisitor	1	1
org.apache.commons.math3.linear.FieldMatrixImplTest	1	0

org.apache.commons.math3.linear.FrenchRealVectorFormatTest	1	0
org.apache.commons.math3.linear.HessenbergTransformerTest	1	0
org.apache.commons.math3.linear.HilbertMatrix	1	2
org.apache.commons.math3.linear.InverseHilbertMatrix	1	2
org.apache.commons.math3.linear.LUDecompositionTest	1	0
org.apache.commons.math3.linear.LUSolverTest	1	0
org.apache.commons.math3.linear.MatrixDimensionMismatchException Test	0.99804688	0
org.apache.commons.math3.linear.MatrixUtilsTest	1	0
org.apache.commons.math3.linear.OpenMapRealMatrixTest	1	0
org.apache.commons.math3.linear.QRDecompositionTest\$1	0.9375	1
org.apache.commons.math3.linear.QRDecompositionTest\$2	0.9375	1
org.apache.commons.math3.linear.QRDecompositionTest\$3	0.9375	1
org.apache.commons.math3.linear.QRDecompositionTest	1	3
org.apache.commons.math3.linear.QRSolverTest\$1	0.9375	1
org.apache.commons.math3.linear.QRSolverTest\$2	0.9375	1
org.apache.commons.math3.linear.QRSolverTest	0.9921875	2
org.apache.commons.math3.linear.RealMatrixFormatAbstractTest	1	1
org.apache.commons.math3.linear.RealMatrixFormatTest	1	0
org.apache.commons.math3.linear.RealVectorAbstractTest\$1	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$10	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$11	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$12	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$13	0.5	0
org.apache.commons.math3.linear.RealVectorAbstractTest\$2	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$3	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$4	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$5	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$6	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$7	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$8	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$9	0.99999237	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$BinaryOpera tion	0.5	1
org.apache.commons.math3.linear.RealVectorAbstractTest\$RealVectorT estImpl	1	10
org.apache.commons.math3.linear.RealVectorAbstractTest	1	15
org.apache.commons.math3.linear.RealVectorFormatAbstractTest	1	2
org.apache.commons.math3.linear.RealVectorFormatTest	1	0
org.apache.commons.math3.linear.RealVectorTest	1	0
org.apache.commons.math3.linear.RectangularCholeskyDecompositionT est	1	0
org.apache.commons.math3.linear.RRQRDecompositionTest\$1	0.9375	1
org.apache.commons.math3.linear.RRQRDecompositionTest\$2	0.9375	1

org.apache.commons.math3.linear.RRQRDecompositionTest\$3	0.9375	1
org.apache.commons.math3.linear.RRQRDecompositionTest	1	3
org.apache.commons.math3.linear.RRQRSolverTest\$1	0.9375	1
org.apache.commons.math3.linear.RRQRSolverTest\$2	0.9375	1
org.apache.commons.math3.linear.RRQRSolverTest	0.9921875	2
org.apache.commons.math3.linear.SchurTransformerTest	1	0
org.apache.commons.math3.linear.SingularValueDecompositionTest	1	0
org.apache.commons.math3.linear.SingularValueSolverTest	1	0
org.apache.commons.math3.linear.SparseFieldMatrixTest	1	0
org.apache.commons.math3.linear.SparseFieldVectorTest\$1	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$10	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$11	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$12	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$2	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$3	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$4	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$5	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$6	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$7	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$8	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest\$9	1	1
org.apache.commons.math3.linear.SparseFieldVectorTest	1	12
org.apache.commons.math3.linear.SparseRealMatrixTest	1	0
org.apache.commons.math3.linear.SparseRealVectorTest	1	0
org.apache.commons.math3.linear.SymmLQTest\$1	1	1
org.apache.commons.math3.linear.SymmLQTest\$2	1	1
org.apache.commons.math3.linear.SymmLQTest\$3	1	1
org.apache.commons.math3.linear.SymmLQTest\$4	1	1
org.apache.commons.math3.linear.SymmLQTest\$5	1	1
org.apache.commons.math3.linear.SymmLQTest\$6	1	1
org.apache.commons.math3.linear.SymmLQTest\$7	1	1
org.apache.commons.math3.linear.SymmLQTest\$8	0.984375	1
org.apache.commons.math3.linear.SymmLQTest\$9	0.984375	1
org.apache.commons.math3.linear.SymmLQTest	1	9
org.apache.commons.math3.linear.TriDiagonalTransformerTest	1	0
org.apache.commons.math3.linear.UnmodifiableArrayRealVectorTest	1	0
org.apache.commons.math3.linear.UnmodifiableOpenMapRealVectorTest	1	0
org.apache.commons.math3.linear.UnmodifiableRealVectorAbstractTest	1	2
org.apache.commons.math3.ml.clustering.DBSCANClustererTest	0.99999994	0
org.apache.commons.math3.ml.clustering.evaluation.SumOfClusterVariancesTest	1	0

org.apache.commons.math3.ml.clustering.FuzzyKMeansClustererTest	1	0
org.apache.commons.math3.ml.clustering.KMeansPlusPlusClustererTest\$1	0.5	1
org.apache.commons.math3.ml.clustering.KMeansPlusPlusClustererTest\$CloseDistance	1	1
org.apache.commons.math3.ml.clustering.KMeansPlusPlusClustererTest	1	1
org.apache.commons.math3.ml.clustering.MultiKMeansPlusPlusClustererTest	1	0
org.apache.commons.math3.ml.distance.CanberraDistanceTest	0.875	0
org.apache.commons.math3.ml.distance.ChebyshevDistanceTest	0.875	0
org.apache.commons.math3.ml.distance.EarthMoversDistanceTest	0.875	0
org.apache.commons.math3.ml.distance.EuclideanDistanceTest	0.875	0
org.apache.commons.math3.ml.distance.ManhattanDistanceTest	0.875	0
org.apache.commons.math3.ml.neuralnet.MapUtilsTest	1	0
org.apache.commons.math3.ml.neuralnet.NetworkTest	1	0
org.apache.commons.math3.ml.neuralnet.NeuronTest	0.99975586	0
org.apache.commons.math3.ml.neuralnet.OffsetFeatureInitializer	0.75	2
org.apache.commons.math3.ml.neuralnet.oned.NeuronStringTest	1	0
org.apache.commons.math3.ml.neuralnet.sofm.City	0.5	2
org.apache.commons.math3.ml.neuralnet.sofm.KohonenTrainingTaskTest	1	0
org.apache.commons.math3.ml.neuralnet.sofm.KohonenUpdateActionTest	1	0
org.apache.commons.math3.ml.neuralnet.sofm.LearningFactorFunctionFactoryTest	0.5	0
org.apache.commons.math3.ml.neuralnet.sofm.NeighbourhoodSizeFunctionFactoryTest	0.5	0
org.apache.commons.math3.ml.neuralnet.sofm.TravellingSalesmanSolver\$1	0.99999999	1
org.apache.commons.math3.ml.neuralnet.sofm.TravellingSalesmanSolver	1	2
org.apache.commons.math3.ml.neuralnet.sofm.util.ExponentialDecayFunctionTest	0.99999976	0
org.apache.commons.math3.ml.neuralnet.sofm.util.QuasiSigmoidDecayFunctionTest	1	0
org.apache.commons.math3.ml.neuralnet.twod.NeuronSquareMesh2DTest	1	0
org.apache.commons.math3.ode.ContinuousOutputModelTest\$1	1	1
org.apache.commons.math3.ode.ContinuousOutputModelTest	1	1

org.apache.commons.math3.ode.events.EventFilterTest\$1	0.5	1
org.apache.commons.math3.ode.events.EventFilterTest\$Event	0.75	1
org.apache.commons.math3.ode.events.EventFilterTest\$SineCosine	0.875	1
org.apache.commons.math3.ode.events.EventFilterTest	1	0
org.apache.commons.math3.ode.events.EventStateTest\$1	1	1
org.apache.commons.math3.ode.events.EventStateTest\$2	1	1
org.apache.commons.math3.ode.events.EventStateTest\$3	1	1
org.apache.commons.math3.ode.events.EventStateTest\$4	1	1
org.apache.commons.math3.ode.events.EventStateTest\$5	1	1
org.apache.commons.math3.ode.events.EventStateTest\$ResettingEvent	0.75	1
org.apache.commons.math3.ode.events.EventStateTest\$SecondaryState Event	0.75	1
org.apache.commons.math3.ode.events.EventStateTest	1	5
org.apache.commons.math3.ode.events.OverlappingEventsTest\$Event	1	1
org.apache.commons.math3.ode.events.OverlappingEventsTest	1	1
org.apache.commons.math3.ode.events.ReappearingEventTest\$1	0.5	1
org.apache.commons.math3.ode.events.ReappearingEventTest\$Event	0.75	1
org.apache.commons.math3.ode.events.ReappearingEventTest\$Ode	0.875	1
org.apache.commons.math3.ode.events.ReappearingEventTest	1	0
org.apache.commons.math3.ode.FirstOrderConverterTest\$Equations	0.75	1
org.apache.commons.math3.ode.FirstOrderConverterTest	1	0
org.apache.commons.math3.ode.JacobianMatricesTest\$Brusselator	0.99987793	1
org.apache.commons.math3.ode.JacobianMatricesTest\$Circle	0.99987793	1
org.apache.commons.math3.ode.JacobianMatricesTest\$ParamBrusselato r	0.99975586	1
org.apache.commons.math3.ode.JacobianMatricesTest\$ParameterizedCi rcle	0.99999619	1
org.apache.commons.math3.ode.JacobianMatricesTest	1	0
org.apache.commons.math3.ode.nonstiff.AdamsBashforthIntegratorTest	1	0
org.apache.commons.math3.ode.nonstiff.AdamsMoultonIntegratorTest	1	0
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorT est\$1	1	1
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorT est\$2	1	1
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorT est\$3	1	1

org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorTest\$4	1	1
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorTest\$5	1	1
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorTest\$KeplerHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaIntegratorTest	1	5
org.apache.commons.math3.ode.nonstiff.ClassicalRungeKuttaStepInterpolatorTest	1	0
org.apache.commons.math3.ode.nonstiff.DormandPrince54IntegratorTest\$DP54SmallLastHandler	0.9375	1
org.apache.commons.math3.ode.nonstiff.DormandPrince54IntegratorTest\$KeplerHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.DormandPrince54IntegratorTest\$VariableHandler	0.9375	1
org.apache.commons.math3.ode.nonstiff.DormandPrince54IntegratorTest	1	0
org.apache.commons.math3.ode.nonstiff.DormandPrince54StepInterpolatorTest\$1	0.99999999	1
org.apache.commons.math3.ode.nonstiff.DormandPrince54StepInterpolatorTest	0.99999999	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$2	1	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$3	1	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$4	1	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$KeplerHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$SchedulingChecker	0.96875	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest\$VariableHandler	0.9375	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853IntegratorTest	1	4
org.apache.commons.math3.ode.nonstiff.DormandPrince853StepInterpolatorTest\$1	0.99999999	1
org.apache.commons.math3.ode.nonstiff.DormandPrince853StepInterpolatorTest	0.99999999	1
org.apache.commons.math3.ode.nonstiff.EulerIntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.EulerIntegratorTest\$2	0.99999999	1
org.apache.commons.math3.ode.nonstiff.EulerIntegratorTest	1	2
org.apache.commons.math3.ode.nonstiff.EulerStepInterpolatorTest\$DummyIntegrator	1	1

org.apache.commons.math3.ode.nonstiff.EulerStepInterpolatorTest	1	0
org.apache.commons.math3.ode.nonstiff.GillIntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.GillIntegratorTest\$2	1	1
org.apache.commons.math3.ode.nonstiff.GillIntegratorTest\$KeplerStepHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.GillIntegratorTest	1	2
org.apache.commons.math3.ode.nonstiff.GillStepInterpolatorTest	1	0
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegratorTest\$2	1	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegratorTest\$3	1	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegratorTest\$KeplerStepHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegratorTest\$VariableStepHandler	0.9375	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerIntegratorTest	1	3
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerStepInterpolatorTest\$1	0.99999999	1
org.apache.commons.math3.ode.nonstiff.GraggBulirschStoerStepInterpolatorTest	0.99999999	1
org.apache.commons.math3.ode.nonstiff.HighamHall54IntegratorTest\$1	1	2
org.apache.commons.math3.ode.nonstiff.HighamHall54IntegratorTest\$2	1	1
org.apache.commons.math3.ode.nonstiff.HighamHall54IntegratorTest\$3	1	1
org.apache.commons.math3.ode.nonstiff.HighamHall54IntegratorTest\$LocalException	0.875	2
org.apache.commons.math3.ode.nonstiff.HighamHall54IntegratorTest	1	3
org.apache.commons.math3.ode.nonstiff.HighamHall54StepInterpolatorTest\$1	0.99999999	1
org.apache.commons.math3.ode.nonstiff.HighamHall54StepInterpolatorTest	0.99999999	1
org.apache.commons.math3.ode.nonstiff.LutherIntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.LutherIntegratorTest\$2	1	1
org.apache.commons.math3.ode.nonstiff.LutherIntegratorTest\$3	1	1
org.apache.commons.math3.ode.nonstiff.LutherIntegratorTest\$4	1	1

org.apache.commons.math3.ode.nonstiff.LutherIntegratorTest\$KeplerHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.LutherIntegratorTest	1	4
org.apache.commons.math3.ode.nonstiff.LutherStepInterpolatorTest	1	0
org.apache.commons.math3.ode.nonstiff.MidpointIntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.MidpointIntegratorTest\$2	0.99999999	1
org.apache.commons.math3.ode.nonstiff.MidpointIntegratorTest	1	2
org.apache.commons.math3.ode.nonstiff.MidpointStepInterpolatorTest	1	0
org.apache.commons.math3.ode.nonstiff.StepProblem	0.875	3
org.apache.commons.math3.ode.nonstiff.ThreeEighthsIntegratorTest\$1	1	1
org.apache.commons.math3.ode.nonstiff.ThreeEighthsIntegratorTest\$2	1	1
org.apache.commons.math3.ode.nonstiff.ThreeEighthsIntegratorTest\$KeplerHandler	0.99609375	1
org.apache.commons.math3.ode.nonstiff.ThreeEighthsIntegratorTest	1	2
org.apache.commons.math3.ode.nonstiff.ThreeEighthsStepInterpolatorTest	1	0
org.apache.commons.math3.ode.sampling.DummyStepInterpolator	0.99999988	4
org.apache.commons.math3.ode.sampling.DummyStepInterpolatorTest\$1	0.5	1
org.apache.commons.math3.ode.sampling.DummyStepInterpolatorTest\$BadStepInterpolator	0.99999999	1
org.apache.commons.math3.ode.sampling.DummyStepInterpolatorTest\$LocalException	0.75	1
org.apache.commons.math3.ode.sampling.DummyStepInterpolatorTest	1	0
org.apache.commons.math3.ode.sampling.NordsieckStepInterpolatorTest	1	0
org.apache.commons.math3.ode.sampling.StepInterpolatorTestUtils\$1	0.9375	1
org.apache.commons.math3.ode.sampling.StepInterpolatorTestUtils	0.99999237	0
org.apache.commons.math3.ode.sampling.StepNormalizerOutputOverlapTest	1	0
org.apache.commons.math3.ode.sampling.StepNormalizerOutputTest	1	0
org.apache.commons.math3.ode.sampling.StepNormalizerOutputTestBase	1	2

org.apache.commons.math3.ode.sampling.StepNormalizerTest\$1	0.99993896	1
org.apache.commons.math3.ode.sampling.StepNormalizerTest\$2	0.99993896	1
org.apache.commons.math3.ode.sampling.StepNormalizerTest	0.99998474	2
org.apache.commons.math3.ode.TestProblem1	0.9375	19
org.apache.commons.math3.ode.TestProblem2	0.9375	1
org.apache.commons.math3.ode.TestProblem3	0.9375	29
org.apache.commons.math3.ode.TestProblem4\$Bounce	0.75	1
org.apache.commons.math3.ode.TestProblem4\$Stop	0.75	1
org.apache.commons.math3.ode.TestProblem4	0.99804688	5
org.apache.commons.math3.ode.TestProblem5	0.96875	13
org.apache.commons.math3.ode.TestProblem6	0.9375	3
org.apache.commons.math3.ode.TestProblemAbstract	0.875	9
org.apache.commons.math3.ode.TestProblemFactory	1	0
org.apache.commons.math3.ode.TestProblemHandler	0.99993896	12
org.apache.commons.math3.optim.linear.SimplexSolverTest\$1	0.5	0
org.apache.commons.math3.optim.linear.SimplexSolverTest	1	0
org.apache.commons.math3.optim.linear.SimplexTableauTest	1	0
org.apache.commons.math3.optim.nonlinear.scalar.gradient.CircleScalar\$1	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.CircleScalar\$2	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.CircleScalar	1	4
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizerTest\$1	0.99999952	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizerTest\$LinearProblem\$1	0.99804688	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizerTest\$LinearProblem\$2	0.99804688	1
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizerTest\$LinearProblem	1	3
org.apache.commons.math3.optim.nonlinear.scalar.gradient.NonLinearConjugateGradientOptimizerTest	1	1
org.apache.commons.math3.optim.nonlinear.scalar.MultiStartMultivariateOptimizerTest\$Rosenbrock	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.MultiStartMultivariateOptimizerTest	1	0
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapterTest\$BiQuadratic	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionMappingAdapterTest	1	0
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionPenaltyAdapterTest\$BiQuadratic	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.MultivariateFunctionPenaltyAdapterTest	1	0

org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$1	0.5	6
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Ackley	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Basis	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Cigar	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$CigTab	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$DiffPow	0.875	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Elli	0.75	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$ElliRotated	0.9375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$MinusElli	0.96875	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Rastrigin	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Rosen	0.875	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Sphere	0.875	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$SsDiffPow	0.984375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$Tablet	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest\$TwoAxes	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.BODYQAOptimizerTest	1	0
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$1	1	7
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$2	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Ackley	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Basis	0.875	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Cigar	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$CigTab	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$DiffPow	0.9375	2

org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Elli	0.75	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$ElliRotated	0.875	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$MinusElli	0.984375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Rastrigin	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Rosen	0.9375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Sphere	0.9375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$SsDiffPow	0.984375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$Tablet	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest\$TwoAxes	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.CMAESOptimizerTest	1	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.PowellOptimizerTest\$1	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.PowellOptimizerTest\$2	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.PowellOptimizerTest\$3	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.PowellOptimizerTest\$4	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.PowellOptimizerTest	1	4
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerMultiDirectionalTest\$1	0.99999999	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerMultiDirectionalTest\$2	0.99999999	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerMultiDirectionalTest\$FourExtrema	0.9375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerMultiDirectionalTest\$Gaussian2D	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerMultiDirectionalTest	1	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest\$1	1	2
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest\$2	1	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest\$3	1	1

org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest\$FourExtrema	0.9375	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest\$Powell	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest\$Rosenbrock	0.75	1
org.apache.commons.math3.optim.nonlinear.scalar.noderiv.SimplexOptimizerNelderMeadTest	1	3
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerAbstractTest\$1	0.99999999	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerAbstractTest\$2	0.99999999	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem\$1	0.99951172	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem\$2	0.99951172	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem	1	4
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerAbstractTest	1	4
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerTest\$1	1	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerTest	1	0
org.apache.commons.math3.optim.nonlinear.vector.jacobian.AbstractLeastSquaresOptimizerTestValidation	1	0
org.apache.commons.math3.optim.nonlinear.vector.jacobian.CircleProblem\$1	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.CircleProblem\$2	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.CircleProblem	0.99951172	3
org.apache.commons.math3.optim.nonlinear.vector.jacobian.CircleVectorial\$1	0.99999999	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.CircleVectorial\$2	0.99999999	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.CircleVectorial	1	5
org.apache.commons.math3.optim.nonlinear.vector.jacobian.DummyOptimizer	1	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.GaussNewtonOptimizerTest	1	0
org.apache.commons.math3.optim.nonlinear.vector.jacobian.LevenbergMarquardtOptimizerTest\$BevingtonProblem\$1	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.LevenbergMarquardtOptimizerTest\$BevingtonProblem\$2	0.99804688	1

org.apache.commons.math3.optim.nonlinear.vector.jacobian.Levenberg MarquardtOptimizerTest\$BevingtonProblem	0.99951172	3
org.apache.commons.math3.optim.nonlinear.vector.jacobian.Levenberg MarquardtOptimizerTest	1	0
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$BardFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$Box3DimensionalFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$BrownAlmostLinearFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$BrownDennisFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$ChebyquadFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$FreudensteinRothFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$HelicalValleyFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$JennrichSampsonFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$KowalikOsborneFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$LinearFullRankFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$LinearRank1Function	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$LinearRank1ZeroColsAndRowsFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$MeyerFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$MinpackFunction\$1	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$MinpackFunction\$2	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$MinpackFunction	0.99987793	21
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$Osborne1Function	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$Osborne2Function	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$PowellSingularFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$RosenbrockFunction	0.99993896	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTe st\$WatsonFunction	0.99993896	1

org.apache.commons.math3.optim.nonlinear.vector.jacobian.MinpackTest	1	0
org.apache.commons.math3.optim.nonlinear.vector.jacobian.RandomCirclePointGenerator	1	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.RandomStraightLinePointGenerator	1	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDataset\$LeastSquaresProblem\$1	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDataset\$LeastSquaresProblem\$2	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDataset\$LeastSquaresProblem	0.99975586	3
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDataset	0.99609375	7
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDatasetFactory\$1	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDatasetFactory\$2	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDatasetFactory\$3	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDatasetFactory\$4	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StatisticalReferenceDatasetFactory	1	0
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StraightLineProblem\$1	0.99951172	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StraightLineProblem\$2	0.99804688	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StraightLineProblem\$Model	0.75	1
org.apache.commons.math3.optim.nonlinear.vector.jacobian.StraightLineProblem	0.99987793	3
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest\$1	1	2
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest\$2	1	1
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest\$LinearProblem\$1	0.99951172	1
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest\$LinearProblem\$2	0.99951172	1
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest\$LinearProblem	1	3
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest\$TestException	0.875	1
org.apache.commons.math3.optim.nonlinear.vector.MultiStartMultivariateVectorOptimizerTest	1	2
org.apache.commons.math3.optim.PointValuePairTest	0.9375	0

org.apache.commons.math3.optim.PointVectorValuePairTest	0.9375	0
org.apache.commons.math3.optim.SimplePointCheckerTest	0.99999809	0
org.apache.commons.math3.optim.SimpleValueCheckerTest	0.99999952	0
org.apache.commons.math3.optim.SimpleVectorValueCheckerTest	0.99999952	0
org.apache.commons.math3.optim.univariate.BraceletFinderTest\$1	1	1
org.apache.commons.math3.optim.univariate.BraceletFinderTest\$2	1	1
org.apache.commons.math3.optim.univariate.BraceletFinderTest\$3	1	1
org.apache.commons.math3.optim.univariate.BraceletFinderTest\$4	1	1
org.apache.commons.math3.optim.univariate.BraceletFinderTest	1	4
org.apache.commons.math3.optim.univariate.BrentOptimizerTest\$1	1	1
org.apache.commons.math3.optim.univariate.BrentOptimizerTest\$2	1	1
org.apache.commons.math3.optim.univariate.BrentOptimizerTest	1	2
org.apache.commons.math3.optim.univariate.MultiStartUnivariateOptimizerTest\$1	1	2
org.apache.commons.math3.optim.univariate.MultiStartUnivariateOptimizerTest\$LocalException	0.875	1
org.apache.commons.math3.optim.univariate.MultiStartUnivariateOptimizerTest	1	1
org.apache.commons.math3.optim.univariate.SimpleUnivariateValueCheckerTest	0.99999237	0
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$1	0.5	6
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$Ackley	0.75	1
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$Basis	0.75	1
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$Cigar	0.75	1
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$CigTab	0.75	1
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$DiffPow	0.875	2
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$Elli	0.75	2
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$ElliRotated	0.9375	1
org.apache.commons.math3.optimization.direct.BOBYQAOptimizerTest\$MinusElli	0.96875	1

org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest\$ Rastrigin	0.75	1
org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest\$ Rosen	0.875	1
org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest\$ Sphere	0.875	1
org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest\$ SsDiffPow	0.984375	1
org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest\$ Tablet	0.75	1
org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest\$ TwoAxes	0.75	1
org.apache.commons.math3.optimization.direct.BOBQAOptimizerTest	1	0
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$1	1	7
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$2	1	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$A ckley	0.75	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$B asis	0.875	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$Ci gar	0.75	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$Ci gTab	0.75	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$Di ffPow	0.9375	2
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$El li	0.75	2
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$El liRotated	0.875	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$M inusElli	0.984375	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$R astrigin	0.75	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$R osen	0.9375	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$S phere	0.9375	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$Ss DiffPow	0.984375	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$T ablet	0.75	1
org.apache.commons.math3.optimization.direct.CMAESOptimizerTest\$T woAxes	0.75	1

org.apache.commons.math3.optimization.direct.CMAESOptimizerTest	1	2
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapterTest\$BiQuadratic	0.75	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionMappingAdapterTest	1	0
org.apache.commons.math3.optimization.direct.MultivariateFunctionPenaltyAdapterTest\$BiQuadratic	0.75	1
org.apache.commons.math3.optimization.direct.MultivariateFunctionPenaltyAdapterTest	1	0
org.apache.commons.math3.optimization.direct.PowellOptimizerTest\$1	0.96875	1
org.apache.commons.math3.optimization.direct.PowellOptimizerTest\$2	0.96875	1
org.apache.commons.math3.optimization.direct.PowellOptimizerTest\$3	0.96875	1
org.apache.commons.math3.optimization.direct.PowellOptimizerTest\$4	0.96875	1
org.apache.commons.math3.optimization.direct.PowellOptimizerTest	1	4
org.apache.commons.math3.optimization.direct.SimplexOptimizerMultiDirectionalTest\$1	0.96875	2
org.apache.commons.math3.optimization.direct.SimplexOptimizerMultiDirectionalTest\$2	0.96875	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerMultiDirectionalTest\$FourExtrema	0.9375	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerMultiDirectionalTest\$Gaussian2D	0.75	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerMultiDirectionalTest	0.99999999	2
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest\$1	0.99951172	2
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest\$2	0.99951172	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest\$3	0.99951172	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest\$FourExtrema	0.9375	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest\$Powell	0.75	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest\$Rosenbrock	0.75	1
org.apache.commons.math3.optimization.direct.SimplexOptimizerNelderMeadTest	1	3
org.apache.commons.math3.optimization.fitting.CurveFitterTest\$1	0.875	2

org.apache.commons.math3.optimization.fitting.CurveFitterTest\$SimpleInverseFunction	0.9375	1
org.apache.commons.math3.optimization.fitting.CurveFitterTest	0.99998474	1
org.apache.commons.math3.optimization.fitting.GaussianFitterTest	1	0
org.apache.commons.math3.optimization.fitting.HarmonicFitterTest	1	0
org.apache.commons.math3.optimization.fitting.PolynomialFitterTest	1	0
org.apache.commons.math3.optimization.general.AbstractLeastSquaresOptimizerAbstractTest\$LinearProblem	1	2
org.apache.commons.math3.optimization.general.AbstractLeastSquaresOptimizerAbstractTest	1	2
org.apache.commons.math3.optimization.general.AbstractLeastSquaresOptimizerTest\$1	1	1
org.apache.commons.math3.optimization.general.AbstractLeastSquaresOptimizerTest	1	0
org.apache.commons.math3.optimization.general.AbstractLeastSquaresOptimizerTestValidation	1	0
org.apache.commons.math3.optimization.general.CircleProblem	1	1
org.apache.commons.math3.optimization.general.CircleScalar	1	2
org.apache.commons.math3.optimization.general.CircleVectorial	1	3
org.apache.commons.math3.optimization.general.DummyOptimizer	1	1
org.apache.commons.math3.optimization.general.GaussNewtonOptimizerTest	1	0
org.apache.commons.math3.optimization.general.LevenbergMarquardtOptimizerTest\$BevingtonProblem	1	1
org.apache.commons.math3.optimization.general.LevenbergMarquardtOptimizerTest\$QuadraticProblem	1	1
org.apache.commons.math3.optimization.general.LevenbergMarquardtOptimizerTest	1	0
org.apache.commons.math3.optimization.general.MinpackTest\$BardFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$Box3DimensionalFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$BrownAlmostLinearFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$BrownDennisFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$ChebyquadFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$FreudensteinRothFunction	1	1

org.apache.commons.math3.optimization.general.MinpackTest\$HelicalValleyFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$JennrichSampsonFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$KowalikOsborneFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$LinearFullRankFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$LinearRank1Function	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$LinearRank1ZeroColsAndRowsFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$MeyerFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$MinpackFunction	1	19
org.apache.commons.math3.optimization.general.MinpackTest\$Osborne1Function	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$Osborne2Function	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$PowellSingularFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$RosenbrockFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest\$WatsonFunction	1	1
org.apache.commons.math3.optimization.general.MinpackTest	1	0
org.apache.commons.math3.optimization.general.NonLinearConjugateGradientOptimizerTest\$1	1	1
org.apache.commons.math3.optimization.general.NonLinearConjugateGradientOptimizerTest\$LinearProblem	1	1
org.apache.commons.math3.optimization.general.NonLinearConjugateGradientOptimizerTest	1	1
org.apache.commons.math3.optimization.general.RandomCirclePointGenerator	1	1
org.apache.commons.math3.optimization.general.RandomStraightLinePointGenerator	1	1
org.apache.commons.math3.optimization.general.StatisticalReferenceDataset\$1	1	1
org.apache.commons.math3.optimization.general.StatisticalReferenceDataset	0.9375	7
org.apache.commons.math3.optimization.general.StatisticalReferenceDatasetFactory\$1	0.96875	1
org.apache.commons.math3.optimization.general.StatisticalReferenceDatasetFactory\$2	0.96875	1
org.apache.commons.math3.optimization.general.StatisticalReferenceDatasetFactory\$3	0.96875	1

org.apache.commons.math3.optimization.general.StatisticalReferenceDatasetFactory\$4	0.96875	1
org.apache.commons.math3.optimization.general.StatisticalReferenceDatasetFactory	0.99999997	0
org.apache.commons.math3.optimization.general.StraightLineProblem\$Model	1	1
org.apache.commons.math3.optimization.general.StraightLineProblem	1	1
org.apache.commons.math3.optimization.linear.SimplexSolverTest\$1	0.5	0
org.apache.commons.math3.optimization.linear.SimplexSolverTest	1	0
org.apache.commons.math3.optimization.linear.SimplexTableauTest	1	0
org.apache.commons.math3.optimization.MultivariateDifferentiableMultiStartOptimizerTest\$1	1	1
org.apache.commons.math3.optimization.MultivariateDifferentiableMultiStartOptimizerTest	1	1
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizerTest\$1	0.99999999	2
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizerTest\$2	0.99999999	1
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizerTest\$3	0.99999976	1
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizerTest\$LinearProblem	1	1
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizerTest\$TestException	0.99804688	1
org.apache.commons.math3.optimization.MultivariateDifferentiableVectorMultiStartOptimizerTest	1	3
org.apache.commons.math3.optimization.MultivariateMultiStartOptimizerTest\$Rosenbrock	0.75	1
org.apache.commons.math3.optimization.MultivariateMultiStartOptimizerTest	1	0
org.apache.commons.math3.optimization.PointValuePairTest	0.9375	0
org.apache.commons.math3.optimization.PointVectorValuePairTest	0.9375	0
org.apache.commons.math3.optimization.SimplePointCheckerTest	0.99999809	0
org.apache.commons.math3.optimization.SimpleValueCheckerTest	0.99999952	0
org.apache.commons.math3.optimization.SimpleVectorValueCheckerTest	0.99999952	0
org.apache.commons.math3.optimization.univariate.BucketFinderTest\$1	1	1
org.apache.commons.math3.optimization.univariate.BucketFinderTest\$2	1	1

org.apache.commons.math3.optimization.univariate.BucketFinderTest\$3	1	1
org.apache.commons.math3.optimization.univariate.BucketFinderTest\$4	1	1
org.apache.commons.math3.optimization.univariate.BucketFinderTest	1	4
org.apache.commons.math3.optimization.univariate.BrentOptimizerTest\$1	1	1
org.apache.commons.math3.optimization.univariate.BrentOptimizerTest\$2	1	1
org.apache.commons.math3.optimization.univariate.BrentOptimizerTest	1	2
org.apache.commons.math3.optimization.univariate.SimpleUnivariateValueCheckerTest	0.99999237	0
org.apache.commons.math3.optimization.univariate.UnivariateMultiStartOptimizerTest\$1	1	2
org.apache.commons.math3.optimization.univariate.UnivariateMultiStartOptimizerTest\$LocalException	0.875	1
org.apache.commons.math3.optimization.univariate.UnivariateMultiStartOptimizerTest	1	1
org.apache.commons.math3.PerfTestUtils\$RunTest	0.5	0
org.apache.commons.math3.PerfTestUtils	1	0
org.apache.commons.math3.primes.PrimesTest	0.984375	0
org.apache.commons.math3.random.AbstractRandomGeneratorTest	1	0
org.apache.commons.math3.random.BitsStreamGeneratorTest\$BitRandom	0.5	1
org.apache.commons.math3.random.BitsStreamGeneratorTest\$TestBitsStreamGenerator	0.99996948	1
org.apache.commons.math3.random.BitsStreamGeneratorTest	1	0
org.apache.commons.math3.random.CorrelatedRandomVectorGeneratorTest	1	0
org.apache.commons.math3.random.EmpiricalDistributionTest\$1	1	1
org.apache.commons.math3.random.EmpiricalDistributionTest\$ConstantKernelEmpiricalDistribution	1	1
org.apache.commons.math3.random.EmpiricalDistributionTest\$UniformKernelEmpiricalDistribution	1	1
org.apache.commons.math3.random.EmpiricalDistributionTest	1	3
org.apache.commons.math3.random.GaussianRandomGeneratorTest	0.984375	0
org.apache.commons.math3.random.HaltonSequenceGeneratorTest	0.99999952	0
org.apache.commons.math3.random.ISAACTest	1	0
org.apache.commons.math3.random.MersenneTwisterTest	1	0
org.apache.commons.math3.random.RandomAdaptorTest\$ConstantGenerator	0.75	2

org.apache.commons.math3.random.RandomAdaptorTest	0.96875	0
org.apache.commons.math3.random.RandomDataGeneratorTest	1	1
org.apache.commons.math3.random.RandomGeneratorAbstractTest	1	11
org.apache.commons.math3.random.RandomGeneratorFactoryTest	1	0
org.apache.commons.math3.random.SobolSequenceGeneratorTest	1	0
org.apache.commons.math3.random.StableRandomGeneratorTest	1	0
org.apache.commons.math3.random.SynchronizedRandomGeneratorTest\$1	0.99999809	1
org.apache.commons.math3.random.SynchronizedRandomGeneratorTest	0.99999809	1
org.apache.commons.math3.random.TestRandomGenerator	0.99993896	1
org.apache.commons.math3.random.UncorrelatedRandomVectorGeneratorTest	1	0
org.apache.commons.math3.random.UniformRandomGeneratorTest	0.984375	0
org.apache.commons.math3.random.UnitSphereRandomVectorGeneratorTest	0.99999905	0
org.apache.commons.math3.random.ValueServerTest	1	0
org.apache.commons.math3.random.Well1024aTest	1	0
org.apache.commons.math3.random.Well19937aTest	1	0
org.apache.commons.math3.random.Well19937cTest	1	0
org.apache.commons.math3.random.Well44497aTest	1	0
org.apache.commons.math3.random.Well44497bTest	1	0
org.apache.commons.math3.random.Well512aTest	1	0
org.apache.commons.math3.Retry	0.5	0
org.apache.commons.math3.RetryRunner\$1	0.75	1
org.apache.commons.math3.RetryRunner	0.75	1
org.apache.commons.math3.RetryRunnerTest	0.984375	0
org.apache.commons.math3.special.BesselJTest	0.5	0
org.apache.commons.math3.special.BetaTest	0.5	0
org.apache.commons.math3.special.ErfTest	0.5	0
org.apache.commons.math3.special.GammaTest	0.5	0
org.apache.commons.math3.stat.CertifiedDataTest	1	0
org.apache.commons.math3.stat.clustering.DBSCANClustererTest	0.99999905	0
org.apache.commons.math3.stat.clustering.EuclideanDoublePointTest	0.875	0
org.apache.commons.math3.stat.clustering.EuclideanIntegerPointTest	0.875	0
org.apache.commons.math3.stat.clustering.KMeansPlusPlusClustererTest\$CloseIntegerPoint	1	1

org.apache.commons.math3.stat.clustering.KMeansPlusPlusClustererTest	1	1
org.apache.commons.math3.stat.correlation.CovarianceTest	1	0
org.apache.commons.math3.stat.correlation.KendallsCorrelationTest	1	0
org.apache.commons.math3.stat.correlation.PearsonsCorrelationTest	1	2
org.apache.commons.math3.stat.correlation.SpearmansRankCorrelationTest	1	0
org.apache.commons.math3.stat.correlation.StorelessCovarianceTest	1	0
org.apache.commons.math3.stat.data.CertifiedDataAbstractTest	1	2
org.apache.commons.math3.stat.data.LewTest	1	0
org.apache.commons.math3.stat.data.LotteryTest	1	0
org.apache.commons.math3.stat.descriptive.AbstractUnivariateStatisticTest	1	0
org.apache.commons.math3.stat.descriptive.AggregateSummaryStatisticsTest	1	0
org.apache.commons.math3.stat.descriptive.DescriptiveStatisticsTest\$badPercentile	1	1
org.apache.commons.math3.stat.descriptive.DescriptiveStatisticsTest\$deepMean	0.875	1
org.apache.commons.math3.stat.descriptive.DescriptiveStatisticsTest\$goodPercentile	1	1
org.apache.commons.math3.stat.descriptive.DescriptiveStatisticsTest\$subPercentile	1	1
org.apache.commons.math3.stat.descriptive.DescriptiveStatisticsTest	1	1
org.apache.commons.math3.stat.descriptive.ListUnivariateImpl	1	2
org.apache.commons.math3.stat.descriptive.ListUnivariateImplTest	1	0
org.apache.commons.math3.stat.descriptive.MixedListUnivariateImplTest\$Bar	0.5	1
org.apache.commons.math3.stat.descriptive.MixedListUnivariateImplTest\$BarTransformer	0.75	1
org.apache.commons.math3.stat.descriptive.MixedListUnivariateImplTest\$Foo	0.5	1
org.apache.commons.math3.stat.descriptive.MixedListUnivariateImplTest\$FooTransformer	0.75	1
org.apache.commons.math3.stat.descriptive.MixedListUnivariateImplTest	1	0
org.apache.commons.math3.stat.descriptive.moment.FirstMomentTest	1	0
org.apache.commons.math3.stat.descriptive.moment.FourthMomentTest	1	0

org.apache.commons.math3.stat.descriptive.moment.GeometricMeanTest	1	0
org.apache.commons.math3.stat.descriptive.moment.InteractionTest	1	0
org.apache.commons.math3.stat.descriptive.moment.KurtosisTest	1	0
org.apache.commons.math3.stat.descriptive.moment.MeanTest	1	0
org.apache.commons.math3.stat.descriptive.moment.SecondMomentTest	1	0
org.apache.commons.math3.stat.descriptive.moment.SemiVarianceTest	1	0
org.apache.commons.math3.stat.descriptive.moment.SkewnessTest	1	0
org.apache.commons.math3.stat.descriptive.moment.StandardDeviationTest	1	0
org.apache.commons.math3.stat.descriptive.moment.ThirdMomentTest	1	0
org.apache.commons.math3.stat.descriptive.moment.VarianceTest	1	0
org.apache.commons.math3.stat.descriptive.moment.VectorialCovarianceTest	0.99951172	0
org.apache.commons.math3.stat.descriptive.moment.VectorialMeanTest	1	0
org.apache.commons.math3.stat.descriptive.MultivariateSummaryStatisticsTest\$sumMean	0.9375	1
org.apache.commons.math3.stat.descriptive.MultivariateSummaryStatisticsTest	1	1
org.apache.commons.math3.stat.descriptive.rank.MaxTest	1	0
org.apache.commons.math3.stat.descriptive.rank.MedianTest	1	0
org.apache.commons.math3.stat.descriptive.rank.MinTest	1	0
org.apache.commons.math3.stat.descriptive.rank.PercentileTest	1	0
org.apache.commons.math3.stat.descriptive.rank.PSquarePercentileTest	1	0
org.apache.commons.math3.stat.descriptive.StatisticalSummaryValuesTest	0.875	0
org.apache.commons.math3.stat.descriptive.StorelessUnivariateStatisticAbstractTest	1	17
org.apache.commons.math3.stat.descriptive.summary.ProductTest	1	0
org.apache.commons.math3.stat.descriptive.summary.SumLogTest	1	0
org.apache.commons.math3.stat.descriptive.summary.SumSqTest	1	0
org.apache.commons.math3.stat.descriptive.summary.SumTest	1	0

org.apache.commons.math3.stat.descriptive.SummaryStatisticsTest	1	1
org.apache.commons.math3.stat.descriptive.SynchronizedDescriptiveStatisticsTest	1	0
org.apache.commons.math3.stat.descriptive.SynchronizedMultivariateSummaryStatisticsTest	1	0
org.apache.commons.math3.stat.descriptive.SynchronizedSummaryStatisticsTest	1	0
org.apache.commons.math3.stat.descriptive.UnivariateStatisticAbstractTest	1	3
org.apache.commons.math3.stat.FrequencyTest	0.99804688	0
org.apache.commons.math3.stat.inference.BinomialTestTest	1	0
org.apache.commons.math3.stat.inference.ChiSquareTestTest	1	0
org.apache.commons.math3.stat.inference.GTestTest	1	0
org.apache.commons.math3.stat.inference.KolmogorovSmirnovTestTest	1	0
org.apache.commons.math3.stat.inference.MannWhitneyUTestTest	1	0
org.apache.commons.math3.stat.inference.OneWayAnovaTest	1	0
org.apache.commons.math3.stat.inference.TestUtilsTest	1	0
org.apache.commons.math3.stat.inference.TTestTest	1	0
org.apache.commons.math3.stat.inference.WilcoxonSignedRankTestTest	1	0
org.apache.commons.math3.stat.interval.AgrestiCoullIntervalTest	1	0
org.apache.commons.math3.stat.interval.BinomialConfidenceIntervalAbstractTest	0.5	4
org.apache.commons.math3.stat.interval.ClopperPearsonIntervalTest	1	0
org.apache.commons.math3.stat.interval.IntervalUtilsTest	1	0
org.apache.commons.math3.stat.interval.NormalApproximationIntervalTest	1	0
org.apache.commons.math3.stat.interval.WilsonScoreIntervalTest	1	0
org.apache.commons.math3.stat.ranking.NaturalRankingTest	1	0
org.apache.commons.math3.stat.regression.GLSMultipleLinearRegressionTest	1	0
org.apache.commons.math3.stat.regression.MillerUpdatingRegressionTest	1	0
org.apache.commons.math3.stat.regression.MultipleLinearRegressionAbstractTest	0.5	2
org.apache.commons.math3.stat.regression.OLSMultipleLinearRegressionTest\$1	0.96875	1
org.apache.commons.math3.stat.regression.OLSMultipleLinearRegressionTest	1	1
org.apache.commons.math3.stat.regression.SimpleRegressionTest	1	0

org.apache.commons.math3.stat.StatUtilsTest	1	0
org.apache.commons.math3.TestUtils	1	0
org.apache.commons.math3.transform.FastCosineTransformerTest	1	0
org.apache.commons.math3.transform.FastFourierTransformerTest	1	0
org.apache.commons.math3.transform.FastHadamardTransformerTest	0.99975586	0
org.apache.commons.math3.transform.FastSineTransformerTest	1	0
org.apache.commons.math3.transform.RealTransformerAbstractTest	0.75	2
org.apache.commons.math3.util.ArithmeticUtilsTest	1	0
org.apache.commons.math3.util.BigRealFieldTest	0.5	0
org.apache.commons.math3.util.BigRealTest	0.99609375	0
org.apache.commons.math3.util.CombinationsTest	1	0
org.apache.commons.math3.util.CombinatoricsUtilsTest	0.984375	0
org.apache.commons.math3.util.ContinuedFractionTest\$1	0.99999237	1
org.apache.commons.math3.util.ContinuedFractionTest	0.99999237	1
org.apache.commons.math3.util.Decimal64Test	1	0
org.apache.commons.math3.util.DefaultTransformerTest	0.99996948	0
org.apache.commons.math3.util.DoubleArrayAbstractTest	0.5	1
org.apache.commons.math3.util.FastMathStrictComparisonTest	0.5	0
org.apache.commons.math3.util.FastMathTest	1	0
org.apache.commons.math3.util.IncrementorTest\$1	1	1
org.apache.commons.math3.util.IncrementorTest	1	1
org.apache.commons.math3.util.MathArraysTest	0.99998474	0
org.apache.commons.math3.util.MathUtilsTest	1	0
org.apache.commons.math3.util.MultidimensionalCounterTest	1	0
org.apache.commons.math3.util.OpenIntToDoubleHashMapTest	0.9375	0
org.apache.commons.math3.util.OpenIntToFieldTest	1	0
org.apache.commons.math3.util.PairTest\$MyInteger	0.5	1
org.apache.commons.math3.util.PairTest	0.875	0
org.apache.commons.math3.util.PrecisionTest	0.5	0
org.apache.commons.math3.util.ResizableDoubleArrayTest\$1	1	1
org.apache.commons.math3.util.ResizableDoubleArrayTest	1	1
org.apache.commons.math3.util.TestBean	0.984375	0
org.apache.commons.math3.util.TransformerMapTest	1	0