

NMF: Unit testing results*

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NMF version 0.21.3 as of September 12, 2014

1 Details

RUNIT TEST PROTOCOL -- Fri Sep 12 15:05:04 2014

Number of test functions: 82

Number of deactivated test functions: 4

Number of errors: 0

Number of failures: 0

1 Test Suite :

package:NMF - 82 test functions, 0 errors, 0 failures

Details

Test Suite: package:NMF

Test function regexp: ^test.

Test file regexp: ^runit.*[rR]\$

Involved directory:

/tmp/Rpkglib_2c36516f9490/NMF/tests

Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.aheatmap.R

test.mfrow: (1 checks) ... OK (0.62 seconds)

Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.algorithms.r

test.brunet: (16 checks) ... OK (4.98 seconds)

test.cversions.brunet: (1 checks) ... OK (1.21 seconds)

test.cversions.lee: (1 checks) ... OK (1.14 seconds)

test.cversions.lnmf : DEACTIVATED, Algorithm 'lnmf' is not fully working.

test.cversions.ns: (1 checks) ... OK (1.15 seconds)

test.cversions.offset: (1 checks) ... OK (2.63 seconds)

test.frobenius: (16 checks) ... OK (7.78 seconds)

test.KL: (16 checks) ... OK (6.28 seconds)

test.lee: (16 checks) ... OK (3.72 seconds)

test.lnmf : DEACTIVATED, Algorithm 'lnmf' is not fully working.

test.ns: (16 checks) ... OK (7 seconds)

test.offset: (16 checks) ... OK (10.53 seconds)

test.port_brunet: (9 checks) ... OK (4.29 seconds)

*Vignette computed on Fri Sep 12 15:05:04 2014

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test.snmf: (44 checks) ... OK (11.67 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.bioc.r
test.access: (26 checks) ... OK (0.06 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.distance.r
test.KL: (9 checks) ... OK (2.6 seconds)
test.rss: (4 checks) ... OK (0.08 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.interface.r
test.compare: (5 checks) ... OK (14.77 seconds)
test.nmf.callback: (22 checks) ... OK (28.84 seconds)
test.nmf.custom: (87 checks) ... OK (1.68 seconds)
test.nmf.default: (8 checks) ... OK (0.26 seconds)
test.nmf.dots: (11 checks) ... OK (0.86 seconds)
test.nmf.method: (36 checks) ... OK (12.33 seconds)
test.nmf.model: (22 checks) ... OK (0.74 seconds)
test.nmfModel.formula: (12 checks) ... OK (1.06 seconds)
test.nmf.multirank: (10 checks) ... OK (9.26 seconds)
test.nmf.options: (18 checks) ... OK (11.36 seconds)
test.nmf.parameters: (53 checks) ... OK (1.03 seconds)
test.nmf.seed.argument: (149 checks) ... OK (14.19 seconds)
test.nmf.seed.equivalent: (11 checks) ... OK (20.81 seconds)
test.nmf.seed.fault: (4 checks) ... OK (4.35 seconds)
test.nmf.seed.repro: (8 checks) ... OK (18.56 seconds)
test.nmf.stop: (6 checks) ... OK (1.84 seconds)
test.parallel: (6 checks) ... OK (14.73 seconds)
test.registry: (9 checks) ... OK (0.41 seconds)
test.seed: (33 checks) ... OK (0.48 seconds)
test.summary: (3 checks) ... OK (5.03 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.NMFclass.r
test.basis: (2 checks) ... OK (0.01 seconds)
test.class.NMFns: (65 checks) ... OK (0.19 seconds)
test.class.NMFstd: (28 checks) ... OK (0.01 seconds)
test.coef: (2 checks) ... OK (0 seconds)
test.connectivity: (3 checks) ... OK (0.01 seconds)
test.deviance: (9 checks) ... OK (0.01 seconds)
test.dimensions: (4 checks) ... OK (0 seconds)
test.dimnames: (173 checks) ... OK (0.07 seconds)
test.entropy: (5 checks) ... OK (0 seconds)
test.misc: (9 checks) ... OK (0 seconds)
test.nmfModel: (363 checks) ... OK (0.11 seconds)
test.NMF.rnmf: (93 checks) ... OK (1.2 seconds)
test.predict: (10 checks) ... OK (0.01 seconds)
test.purity: (5 checks) ... OK (0 seconds)
test.sparseness: (13 checks) ... OK (0.01 seconds)
test.subset: (50 checks) ... OK (0.04 seconds)
test.syntheticNMF: (5 checks) ... OK (1.26 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.NMFfit-class.r
test.deviance: (0 checks) ... OK (0 seconds)
test.isNMFfit: (6 checks) ... OK (4.26 seconds)
test.niter: (4 checks) ... OK (1.76 seconds)
test.nmf.equal: (304 checks) ... OK (1.99 seconds)

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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.NMFSet.r
test.fit: (9 checks) ... OK (6.17 seconds)
test.interface: (6 checks) ... OK (2.16 seconds)
test.join.multipleAndSingleRunsMethods: (2 checks) ... OK (6.78 seconds)
test.join.multipleRuns: (2 checks) ... OK (7.14 seconds)
test.join.singleRuns: (7 checks) ... OK (2.34 seconds)
test.multipleruns: (2 checks) ... OK (2.27 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.NMFStrategy-class.r
test.accessors: (26 checks) ... OK (0.04 seconds)
test.constructor: (16 checks) ... OK (0.04 seconds)
test.constructorMethod: (3 checks) ... OK (0.02 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.options.r
test.nmf.getOption: (2 checks) ... OK (0 seconds)
test.nmf.options: (9 checks) ... OK (0 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.parallel.r
test.ForeachBackend: (4 checks) ... OK (3.1 seconds)
test.gVariable: (11 checks) ... OK (21.18 seconds)
test.nmf: (59 checks) ... OK (94.31 seconds)
test.setupBackend: (4 checks) ... OK (0.12 seconds)
test.shared_memory_doMC: (12 checks) ... OK (6.22 seconds)
test.shared_memory_doMPI : DEACTIVATED, NMF shared memory feature does not currently work with doMPI.
test.shared_memory_doParallel: (12 checks) ... OK (11.97 seconds)
test.shared_memory_doSEQ: (11 checks) ... OK (6.55 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.seed.r
test.nndsvd: (10 checks) ... OK (0.04 seconds)
test.none: (6 checks) ... OK (0.03 seconds)
test.random: (26 checks) ... OK (0.13 seconds)
test.restore : DEACTIVATED, The option 'restore.seed' is deprecated. Related tests are now in test.seed.
test.seed.effect: (15 checks) ... OK (20.84 seconds)
test.zzz.all: (297 checks) ... OK (18.04 seconds)
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Test file: /tmp/Rpkglib_2c36516f9490/NMF/tests/runit.utils.r
test.nmfWrapper: (16 checks) ... OK (0.98 seconds)
test.rmatrix: (16 checks) ... OK (0.02 seconds)

Total execution time
*****
      user  system elapsed
412.399   44.494  462.030

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Session Information

- R version 3.1.1 (2014-07-10), x86_64-pc-linux-gnu
- Locale: LC_CTYPE=en_US.UTF-8, LC_NUMERIC=C, LC_TIME=C, LC_COLLATE=en_US.UTF-8, LC_MONETARY=en_ZA.UTF-8, LC_MESSAGES=en_US.UTF-8, LC_PAPER=en_ZA.UTF-8, LC_NAME=C, LC_ADDRESS=C, LC_TELEPHONE=C, LC_MEASUREMENT=en_ZA.UTF-8, LC_IDENTIFICATION=C
- Base packages: base, datasets, graphics, grDevices, methods, parallel, stats, utils

- Other packages: BH 1.54.0-3, bigmemory 4.4.6, bigmemory.sri 0.1.3, Biobase 2.24.0, BiocGenerics 0.10.0, cluster 1.15.2, doMPI 0.2, doParallel 1.0.8, fastICA 1.2-0, foreach 1.4.2, iterators 1.0.7, NMF 0.21.3, pkgmaker 0.25.7, RColorBrewer 1.0-5, Rcpp 0.11.2, RcppOctave 0.14.1, registry 0.2, Rmpi 0.6-5, rngtools 1.2.4, RUnit 0.4.26, stringr 0.6.2, synchronicity 1.1.4
- Loaded via a namespace (and not attached): codetools 0.2-9, colorspace 1.2-4, compiler 3.1.1, dendextend 0.17.1, digest 0.6.4, ggplot2 1.0.0, grid 3.1.1, gridBase 0.4-7, gtable 0.1.2, magrittr 1.0.1, MASS 7.3-34, munsell 0.4.2, plyr 1.8.1, proto 0.3-10, reshape2 1.4, scales 0.2.4, tools 3.1.1, whisker 0.3-2, xtable 1.7-3