

Package: energyGOF (via r-universe)

May 12, 2026

Title Goodness-of-Fit Tests for Univariate Data via Energy

Version 0.1

Description Conduct one- and two-sample goodness-of-fit tests for univariate data. In the one-sample case, normal, uniform, exponential, Bernoulli, binomial, geometric, beta, Poisson, lognormal, Laplace, asymmetric Laplace, inverse Gaussian, half-normal, chi-squared, gamma, F, Weibull, Cauchy, and Pareto distributions are supported. `egof.test()` can also test goodness-of-fit to any distribution with a continuous distribution function. A subset of the available distributions can be tested for the composite goodness-of-fit hypothesis, that is, one can test for distribution fit with unknown parameters. P-values are calculated via parametric bootstrap.

License GPL (>= 3)

Encoding UTF-8

Imports energy, gsl, boot, fitdistrplus, statmod

URL <https://github.com/jthaman/energyGOF>

RoxygenNote 7.3.3

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Roxygen list(markdown = TRUE)

Config/pak/sysreqs libgsl0-dev

Repository <https://jthaman.r-universe.dev>

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