

Package ‘TukeyGH77’

July 16, 2026

Type Package

Title Tukey g-&-h Distribution

Version 0.2.0

Date 2026-07-16

Description Density, cumulative density, quantile and simulation of the 4-parameter Tukey g-and-h (1977) distributions. The quantile-based transformation (Hoaglin 1985 [doi:10.1002/9781118150702.ch11](https://doi.org/10.1002/9781118150702.ch11)) and its reverse transformation.

License GPL-2

Encoding UTF-8

Language en-US

Depends R (>= 4.6.0)

Imports rstpm2

Config/roxygen2/version 8.0.0

Config/roxygen2/markdown TRUE

NeedsCompilation no

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References

Tukey, J.W. (1977): Modern Techniques in Data Analysis. In: NSF-sponsored Regional Research Conference at Southeastern Massachusetts University, North Dartmouth, MA.

Hoaglin, D.C. (1985): Summarizing shape numerically: The *g*-and-*h* distributions. Exploring data tables, trends, and shapes, pp. 461–513. John Wiley & Sons, Ltd, New York.

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