

Resource Summary Report

Generated by [NIF](#) on May 25, 2025

[philentropy](#)

RRID:SCR_022805

Type: Tool

Proper Citation

philentropy (RRID:SCR_022805)

Resource Information

URL: <https://CRAN.R-project.org/package=philentropy>

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Description: Software R package for similarity and distance quantification between probability functions. Information Theory and Distance Quantification with R. Provides framework for clustering, classification, statistical inference, goodness-of-fit, non-parametric statistics, information theory, and machine learning tasks that are based on comparing univariate or multivariate probability functions.

Resource Type: software resource, software toolkit

Defining Citation: [DOI:10.21105/joss.00765](https://doi.org/10.21105/joss.00765)

Keywords: similarity and distance quantification between probability functions, similarity and distance quantification, probability functions

Funding:

Availability: Free, Available for download, Freely available

Resource Name: philentropy

Resource ID: SCR_022805

Alternate URLs: <https://github.com/drostlab/philentropy>

License: GNU GPL v2.0

Record Creation Time: 20220929T050157+0000

Record Last Update: 20250525T032608+0000

Ratings and Alerts

No rating or validation information has been found for philentropy.

No alerts have been found for philentropy.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Zhu T, et al. (2024) Comprehensive mapping and modelling of the rice regulome landscape unveils the regulatory architecture underlying complex traits. Nature communications, 15(1), 6562.

Zhang J, et al. (2024) Scanning sample-specific miRNA regulation from bulk and single-cell RNA-sequencing data. BMC biology, 22(1), 218.

Chiou KL, et al. (2023) A single-cell multi-omic atlas spanning the adult rhesus macaque brain. Science advances, 9(41), eadh1914.