

Package: motifcluster (via r-universe)

October 11, 2026

Title Motif-Based Spectral Clustering of Weighted Directed Networks

Version 0.2.4

Description Tools for spectral clustering of weighted directed networks using motif adjacency matrices. Methods perform well on large and sparse networks, and random sampling methods for generating weighted directed networks are also provided. Based on methodology detailed in Underwood, Elliott and Cucuringu (2020) <[doi:10.48550/arXiv.2004.01293](https://doi.org/10.48550/arXiv.2004.01293)>.

URL <https://github.com/wgunderwood/motifcluster>

Language en-US

BugReports <https://github.com/wgunderwood/motifcluster/issues>

License GPL-3

Encoding UTF-8

LazyData true

Depends R (>= 3.6.0)

Imports igraph (>= 1.2.5), Matrix (>= 1.2), RSpectra (>= 0.16.0)

Suggests covr (>= 3.5.0), knitr (>= 1.28), mclust (>= 5.4.6),
rmarkdown (>= 2.1), testthat (>= 2.3.2)

VignetteBuilder knitr

Config/roxygen2/version 8.0.0

Config/pak/sysreqs libglpk-dev libxml2-dev

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

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RemoteUrl <https://github.com/wgunderwood/motifcluster>

RemoteRef HEAD

RemoteSha ccb576876740df5b5bd58db28fe8de6ad01de8b5

RemoteSubdir R