Package: motifcluster (via r-universe)

August 30, 2024

Title Motif-Based Spectral Clustering of Weighted Directed Networks

Version 0.2.3

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) <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

RoxygenNote 7.2.3

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

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

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

RemoteRef HEAD

RemoteSha 8776e6e755fc2b0265f740c2ab30c43ff62fb57d