

Resource Summary Report

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MLSBM

RRID:SCR_021795

Type: Tool

Proper Citation

MLSBM (RRID:SCR_021795)

Resource Information

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

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Description: Software R package to Fit Bayesian stochastic block models and multi level stochastic block models using efficient Gibbs sampling implemented in Rcpp. Models assume symmetric, non reflexive graphs with unweighted, binary edges. Data are input as symmetric binary adjacency matrix, or list of such matrices.

Synonyms: Efficient Estimation of Bayesian SBMs and MLSBMs

Resource Type: software resource, software toolkit

Keywords: Fit Bayesian stochastic block models, multi level stochastic block models, Gibbs sampling, Rcpp

Availability: Free, Available for download, Freely available

Resource Name: MLSBM

Resource ID: SCR_021795

License: GPL 2, GPL 3

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260821T194204+0000

Ratings and Alerts

No rating or validation information has been found for MLSBM.

No alerts have been found for MLSBM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Scortegagna M, et al. (2025) Age-Associated Modulation of TREM1/2-Expressing Macrophages Promotes Melanoma Progression and Metastasis. Cancer research, 85(12), 2218.

Allen C, et al. (2021) Network-Based Discovery of Opioid Use Vulnerability in Rats Using the Bayesian Stochastic Block Model. Frontiers in psychiatry, 12, 745468.