Resource Summary Report

Generated by NIF on May 25, 2025

GBM R package

RRID:SCR_017301
Type: Tool

Proper Citation

GBM R package (RRID:SCR_017301)

Resource Information

URL: https://cran.r-project.org/web/packages/gbm/gbm.pdf

Proper Citation: GBM R package (RRID:SCR_017301)

Description: Software R package to implement extensions to Freund and Schapire AdaBoost algorithm and Friedman gradient boosting machine. Includes regression methods for least squares, absolute loss, t distribution loss, quantile regression, logistic, multinomial logistic, Poisson, Cox proportional hazards partial likelihood, AdaBoost exponential loss, Huberized hinge loss, and Learning to Rank measures.

Abbreviations: GBM

Synonyms: gbm3, generalized boosted models, gbm

Resource Type: software application, software toolkit, data analysis software, data processing software, software resource

Keywords: extension, Freund and Schapire AdaBoost, algorithm, Friedman, gradient, boosting, machine, regression

Funding:

Availability: Free, Available for download, Freely available

Resource Name: GBM R package

Resource ID: SCR_017301

Alternate URLs: https://github.com/gbm-developers/gbm, https://github.com/gbm-developers/gbm3

License: GNU GPL

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Ratings and Alerts

No rating or validation information has been found for GBM R package.

No alerts have been found for GBM R package.

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 NIF.

Barnett SE, et al. (2023) BAP1 Loss Is Associated with Higher ASS1 Expression in Epithelioid Mesothelioma: Implications for Therapeutic Stratification. Molecular cancer research : MCR, 21(5), 411.

Crispell J, et al. (2019) Combining genomics and epidemiology to analyse bi-directional transmission of Mycobacterium bovis in a multi-host system. eLife, 8.