

Resource Summary Report

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

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

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 5 mentions in open access literature.

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

Kishan AU, et al. (2025) Validation and Derivation of miRNA-Based Germline Signatures Predicting Radiation Toxicity in Prostate Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(12), 2530.

Blandy A, et al. (2025) Translational activity of 80S monosomes varies dramatically across different tissues. *Nucleic acids research*, 53(8).

Luo H, et al. (2025) Large-Scale T-cell Receptor Repertoire Profiling Unveils Tumor-Specific Signals for Diagnosing Indeterminate Pulmonary Nodules. *Cancer research*, 85(24), 5141.

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.