

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

glmnet

RRID:SCR_015505

Type: Tool

Proper Citation

glmnet (RRID:SCR_015505)

Resource Information

URL: <https://cran.r-project.org/web/packages/glmnet/index.html>

Proper Citation: glmnet (RRID:SCR_015505)

Description: Procedures for fitting the entire lasso or elastic-net regularization path for linear regression, logistic and multinomial regression models, Poisson regression and the Cox model. The algorithm uses cyclical coordinate descent in a path-wise fashion.

Synonyms: Lasso and Elastic-Net Regularized Generalized Linear Models

Resource Type: software resource, software toolkit

Keywords: data regression, cyclical coordinate descent, linear model

Availability: Free, Available for download

Resource Name: glmnet

Resource ID: SCR_015505

Alternate URLs: <https://www.jstatsoft.org/article/view/v033i01>

License: GNU GENERAL PUBLIC LICENSE Version 2

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260808T190514+0000

Ratings and Alerts

No rating or validation information has been found for glmnet.

No alerts have been found for glmnet.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 533 mentions in open access literature.

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

Ji X, et al. (2026) Construction of a diagnostic model for tuberculosis based on long non-coding RNA. *Annals of medicine*, 58(1), 2615538.

Myhre MØ, et al. (2026) Factors associated with self-harm in patients with substance use disorders who died by suicide: national hybrid questionnaire registry study. *The British journal of psychiatry : the journal of mental science*, 228(3), 229.

Wu M, et al. (2026) Development and validation of a prognostic nomogram based on the clinical indicators for breast cancer. *Gland surgery*, 15(2), 46.

Carneiro-Nascimento S, et al. (2026) Intravital calcium imaging of meningeal macrophages reveals niche-specific dynamics and aberrant responses to brain hyperexcitability. *eLife*, 15.

Vermeer E, et al. (2026) Metagenomic Sequencing Reveals Distinct Gut Microbiome Profiles in Therapy-Naïve de Novo Pediatric Inflammatory Bowel Disease. *Inflammatory bowel diseases*, 32(2), 207.

Oberg AL, et al. (2026) Pancreatic Cancer Detection Consortium Biomarker Bakeoff: A Phase II Blinded Biomarker Validation and Panel Discovery Study. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(12), 2438.

Liu Q, et al. (2026) Hypoxia-driven remodeling of SELENOP+ macrophages shapes T cell dynamics and promotes ovarian cancer metastasis. *Nature communications*, 17(1), 1097.

Xu L, et al. (2026) BPD prediction model for very preterm infants integrating chest X-ray scores within 7 days: a retrospective case-control study. *BMJ open*, 16(1), e107061.

Zhou Z, et al. (2026) Brain Aging Mediating Heart Imaging-Derived Phenotypes and Mental and Nervous System Disorders. *Aging cell*, 25(5), e70499.

Fanton AC, et al. (2026) Multiple, simultaneous abiotic stresses differentially impact downy mildew infection in grapevine. *Tree physiology*, 46(3).

Mueller FB, et al. (2026) Benchmarking urinary cell transcriptomes for noninvasive differentiation of BK polyomavirus-associated nephropathy from T cell-mediated rejection. *JCI insight*, 11(11).

Ma Y, et al. (2026) Integrating polygenic signals and single-cell multiomics identifies cell-type-specific regulomes critical for immune- and aging-related diseases. *Nature aging*,

6(1), 270.

Dong Y, et al. (2026) Structural variation drives enhancer hijacking via 3D genome disruption in ccRCC. *NPJ digital medicine*, 9(1), 85.

Clark SL, et al. (2026) A large-scale DNA methylation study of alcohol use identified robust associations and cell-type specific insights. *Molecular psychiatry*, 31(6), 3506.

Sangkaew S, et al. (2026) Early individualized risk prediction using clinical data for children during the febrile phase of dengue in outpatient settings in Vietnam and Thailand. *PLOS digital health*, 5(2), e0001171.

Koh H, et al. (2026) Phylogeny-informed random forests for human microbiome studies. *Microbiology spectrum*, 14(5), e0345125.

Sun H, et al. (2026) A Vascular Invasion-Related Gene Signature Identifies NUP35 as a Driver of Angiogenesis and Poor Prognosis in Pancreatic Ductal Adenocarcinoma. *Biomedicines*, 14(6).

Li Z, et al. (2026) Monocyte-Derived LGMN+ Macrophages Divert Lung Injury Outcomes toward Fibrosis through Matrix Remodeling. *Research (Washington, D.C.)*, 9, 1341.

Fu S, et al. (2026) Identification of diagnostic biomarkers for ischemic stroke and drug targets of Buyang Huanwu decoction: A bioinformatics and network pharmacology study. *Medicine*, 105(1), e46966.

Qiu J, et al. (2026) Development and validation of a herb-related gene signature for prognosis prediction and therapeutic response assessment in breast cancer. *Translational cancer research*, 15(1), 48.