

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 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: 20260912T200252+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](#) .

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.

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

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).

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.

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.

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.