

Resource Summary Report

Generated by NIF on May 25, 2025

Regression Modeling Strategies

RRID:SCR_023242

Type: Tool

Proper Citation

Regression Modeling Strategies (RRID:SCR_023242)

Resource Information

URL: <https://cran.r-project.org/web/packages/rms/>

Proper Citation: Regression Modeling Strategies (RRID:SCR_023242)

Description: Software R package as collection of functions that assist with streamline modeling. Works with binary or ordinal regression models, Cox regression, accelerated failure time models, ordinary linear models, Buckley-James model, generalized least squares for serially or spatially correlated observations, generalized linear models, and quantile regression.

Abbreviations: rms

Resource Type: software resource, software toolkit

Keywords: streamline modeling, regression models, regression, generalized linear models

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Regression Modeling Strategies

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Alternate URLs: <https://github.com/harrelfe/rms>, <https://cran.r-project.org/web/packages/rms/rms.pdf>

License: GPL v3

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Ratings and Alerts

No rating or validation information has been found for Regression Modeling Strategies.

No alerts have been found for Regression Modeling Strategies.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wang Y, et al. (2024) Linking preoperative and early intensive care unit data for prolonged intubation prediction. *Frontiers in cardiovascular medicine*, 11, 1342586.

Shen D, et al. (2024) Comprehensive analysis of mitochondria-related genes indicates that PPP2R2B is a novel biomarker and promotes the progression of bladder cancer via Wnt signaling pathway. *Biology direct*, 19(1), 17.

Bao N, et al. (2024) A scoring model based on bacterial lipopolysaccharide-related genes to predict prognosis in NSCLC. *Frontiers in genetics*, 15, 1408000.

Zhang G, et al. (2023) Atherosclerotic plaque vulnerability quantification system for clinical and biological interpretability. *iScience*, 26(9), 107587.

Zhang D, et al. (2023) Prevalence of high blood pressure and its associated factors among students in Shenyang, China: A cross-sectional study. *Medicine*, 102(42), e35536.

Zhao S, et al. (2023) Integrated analysis of bulk RNA-seq and single-cell RNA-seq reveals the function of pyrocytosis in the pathogenesis of abdominal aortic aneurysm. *Aging*, 15(24), 15287.