

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

SIMR

RRID:SCR_019287

Type: Tool

Proper Citation

SIMR (RRID:SCR_019287)

Resource Information

URL: <https://CRAN.R-project.org/package=simr>

Proper Citation: SIMR (RRID:SCR_019287)

Description: Software R package for power analysis of generalized linear mixed models by simulation. Used to calculate power for generalised linear mixed models.

Synonyms: simr, simR

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

Defining Citation: [DOI:10.1111/2041-210X.12504](https://doi.org/10.1111/2041-210X.12504)

Keywords: Power analysis, generalized linear mixed models, calculate power, simulation

Funding: New Zealand Ministry of Business ;
Innovation and Employment

Availability: Free, Available for download, Freely available

Resource Name: SIMR

Resource ID: SCR_019287

Alternate URLs: <https://github.com/pitakakariki/simr>

License: GPL v3

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260821T194144+0000

Ratings and Alerts

No rating or validation information has been found for SIMR.

No alerts have been found for SIMR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Reed CG, et al. (2025) Distinct morphological drivers of jumping and maneuvering performance in gerbils. The Journal of experimental biology, 228(3).

Rondanelli M, et al. (2021) Berberine Phospholipid Is an Effective Insulin Sensitizer and Improves Metabolic and Hormonal Disorders in Women with Polycystic Ovary Syndrome: A One-Group Pretest-Post-Test Explanatory Study. Nutrients, 13(10).

Polonenko MJ, et al. (2021) Exposing distinct subcortical components of the auditory brainstem response evoked by continuous naturalistic speech. eLife, 10.

Ong AW, et al. (2021) Outcome of Hypotensive Trauma Patients by Time and Day of Arrival. The Journal of surgical research, 258, 113.