

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 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: 20260905T132848+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 [PRECISE-TBI](#) .

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.