

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 21, 2026

## SIMR

RRID:SCR\_019287

Type: Tool

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### Proper Citation

SIMR (RRID:SCR\_019287)

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### 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:** 20260919T195405+0000

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### Ratings and Alerts

No rating or validation information has been found for SIMR.

No alerts have been found for SIMR.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

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.