

# Resource Summary Report

Generated by SPARC SAWG on Sep 12, 2026

## ranger

RRID:SCR\_022521

Type: Tool

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### Proper Citation

ranger (RRID:SCR\_022521)

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### Resource Information

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

**Proper Citation:** ranger (RRID:SCR\_022521)

**Description:** Software R package as fast implementation of Random Forests for high dimensional data.

**Resource Type:** software resource, software toolkit

**Defining Citation:** [DOI:10.18637/jss.v077.i01](https://doi.org/10.18637/jss.v077.i01), [DOI:10.48550/arXiv.1508.04409](https://doi.org/10.48550/arXiv.1508.04409)

**Keywords:** Random Forest, high dimensional data

**Availability:** Free, Available for download, Freely available

**Resource Name:** ranger

**Resource ID:** SCR\_022521

**Alternate URLs:** <https://github.com/imbs-hl/ranger>

**License:** GPL v3

**Record Creation Time:** 20220628T050153+0000

**Record Last Update:** 20260912T200300+0000

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### Ratings and Alerts

No rating or validation information has been found for ranger.

No alerts have been found for ranger.

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### Data and Source Information

## Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Rice C, et al. (2026) Benchmarking of large language models to determine candidacy for spine surgery and comparison with conventional machine learning. BMC musculoskeletal disorders, 27(1).

Golchian P, et al. (2026) Missing Value Imputation With Adversarial Random Forests-MissARF. Statistics in medicine, 45(3-5), e70379.

Alsina M, et al. (2026) Anti-B-cell Maturation Antigen Chimeric Antigen Receptor T-cell Therapy bb21217 for Relapsed and Refractory Multiple Myeloma: Results from the Phase I CRB-402 Study. Cancer immunology research, 14(4), 528.

Gaydosh L, et al. (2025) The Role of Despair in Predicting Self-Destructive Behaviors. Population research and policy review, 44(3), 33.

Niu W, et al. (2025) Patterns of childhood trauma co-occurrence and its predictivity for suicidality: A machine learning approach. iScience, 28(2), 111877.

Elias R, et al. (2025) Clear-Cell Renal Cell Carcinoma Molecular Subtypes Differ by African and European Genetic Similarity. Cancer research communications, 5(5), 743.

Abdill RJ, et al. (2025) Integration of 168,000 samples reveals global patterns of the human gut microbiome. Cell, 188(4), 1100.

De Barros A, et al. (2024) Determining Prior Authorization Approval for Lumbar Stenosis Surgery With Machine Learning. Global spine journal, 14(6), 1753.

Golov AK, et al. (2024) A genome-wide nucleosome-resolution map of promoter-centered interactions in human cells corroborates the enhancer-promoter looping model. eLife, 12.

Leiendecker L, et al. (2023) Human Papillomavirus 42 Drives Digital Papillary Adenocarcinoma and Elicits a Germ Cell-like Program Conserved in HPV-Positive Cancers. Cancer discovery, 13(1), 70.

Saha A, et al. (2022) RandomForestsGLS: An R package for Random Forests for dependent data. Journal of open source software, 7(71).

Farooq M, et al. (2022) Genomic prediction in plants: opportunities for ensemble machine learning based approaches. F1000Research, 11, 802.

Verma SS, et al. (2018) Collective feature selection to identify crucial epistatic variants. BioData mining, 11, 5.