

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

[piecewiseSEM](#)

RRID:SCR_027935

Type: Tool

Proper Citation

piecewiseSEM (RRID:SCR_027935)

Resource Information

URL: <https://cran.r-project.org/web/packages/piecewiseSEM/index.html>

Proper Citation: piecewiseSEM (RRID:SCR_027935)

Description: Software R package for performing Piecewise Structural Equation Modeling, designed to fit complex causal networks by breaking them into smaller, manageable "pieces" (individual regressions) rather than using global covariance estimation. Used to analyze complex, direct/indirect ecological and evolutionary data.

Synonyms: , piecewise Structural Equation Modeling, piecewiseSEM: Piecewise Structural Equation Modeling

Resource Type: software toolkit, source code, software resource

Keywords: Structural Equation Modeling, fit complex causal networks, analyze complex data, direct, indirect, ecological data, evolutionary data,

Availability: Free, Available for download, Freely available

Resource Name: piecewiseSEM

Resource ID: SCR_027935

Alternate URLs: <https://github.com/jslefche/piecewiseSEM>

License: GNU GPL v3

Record Creation Time: 20260205T055520+0000

Record Last Update: 20260815T183304+0000

Ratings and Alerts

No rating or validation information has been found for piecewiseSEM.

No alerts have been found for piecewiseSEM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zabala J, et al. (2025) Metabarcoding provides accurate estimation of volumetric diet composition in a top predator despite interference from blocking primers. Scientific reports, 15(1), 29033.

Jackson AC, et al. (2022) Glacial Legacies: Microbial Communities of Antarctic Refugia. Biology, 11(10).

Giroux A, et al. (2021) Sexual, allometric and forest cover effects on giant anteaters' movement ecology. PloS one, 16(8), e0253345.