

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

R package: nlme

RRID:SCR_015655

Type: Tool

Proper Citation

R package: nlme (RRID:SCR_015655)

Resource Information

URL: <http://CRAN.R-project.org/package=nlme>

Proper Citation: R package: nlme (RRID:SCR_015655)

Description: Software to fit and compare Gaussian linear and nonlinear mixed-effects models.

Resource Type: source code, software resource

Keywords: gaussian, mixed-effects model, r, r package

Availability: Free, Available for download

Resource Name: R package: nlme

Resource ID: SCR_015655

Alternate URLs: <https://cran.r-project.org/package=nlme>

License: GPL-3

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260801T191231+0000

Ratings and Alerts

No rating or validation information has been found for R package: nlme.

No alerts have been found for R package: nlme.

Data and Source Information

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Wang H, et al. (2025) Sex-specific phosphoproteome responses to calorie restriction and insulin in skeletal muscle from older rats. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 80(12).

Mistry HB, et al. (2025) A Pharmacokinetic and Pharmacodynamic Model of an IL-12 Anchored-Drug Conjugate for the Treatment of Solid Tumors. *Molecular cancer therapeutics*, 24(7), 1054.

Nguyen CM, et al. (2025) Initial-Care Medical and Prescription Costs for Incident Metastatic versus Nonmetastatic Colorectal Cancer. *Cancer research communications*, 5(10), 1852.

Jelcic I, et al. (2025) T-bet⁺ CXCR3⁺ B cells drive hyperreactive B-T cell interactions in multiple sclerosis. *Cell reports. Medicine*, 6(3), 102027.

Fries L, et al. (2025) The influence of CI electrode array design on the preservation of residual hearing. *Frontiers in neurology*, 16, 1599369.

Amram AL, et al. (2025) Progressive inner retinal neurodegeneration in non-proliferative macular telangiectasia type 2. *The British journal of ophthalmology*, 109(3), 401.

da Silva CRB, et al. (2025) Temperature and precipitation explain variation in metabolic rate but not frequency of gas exchange in Fijian bees. *The Journal of experimental biology*, 228(10).

Sato G, et al. (2025) Dive-by-dive variation in the diving respiratory air volume of southern elephant seals (*Mirounga leonina*). *The Journal of experimental biology*, 228(10).

Liang L, et al. (2025) Walking elicits muscle functional changes in the pectoral fin of *Polypterus senegalus*. *The Journal of experimental biology*, 228(21).

Soria-Ortiz GJ, et al. (2025) Functional connectivity patterns of the Giant Toad *Rhinella horribilis* in anthropogenically modified landscapes. *PloS one*, 20(10), e0319111.

Webster AK, et al. (2025) Gene expression variation across genetically identical individuals predicts reproductive traits. *eLife*, 14.

Ali M, et al. (2025) Multi-cohort cerebrospinal fluid proteomics identifies robust molecular signatures across the Alzheimer disease continuum. *Neuron*, 113(9), 1363.

Brinkerhoff SA, et al. (2024) The dual timescales of gait adaptation: initial stability adjustments followed by subsequent energetic cost adjustments. *The Journal of experimental biology*, 227(23).

Dou D, et al. (2024) RAB3 phosphorylation by pathogenic LRRK2 impairs trafficking of synaptic vesicle precursors. *The Journal of cell biology*, 223(6).

de Zwarte SMC, et al. (2024) Automated Segmentation of Fetal Intracranial Volume in Three-Dimensional Ultrasound Using Deep Learning: Identifying Sex Differences in Prenatal Brain Development. *Human brain mapping*, 45(17), e70058.

Br??il L, et al. (2024) Spatiotemporal modulation of a common set of muscle synergies during unpredictable and predictable gait perturbations in older adults. *The Journal of experimental biology*, 227(7).

A K BK, et al. (2024) Tropical and montane *Apis cerana* show distinct dance-distance calibration curves. *The Journal of experimental biology*, 227(13).

Muise KA, et al. (2024) Hibernating female big brown bats (*Eptesicus fuscus*) adjust huddling and drinking behaviour, but not arousal frequency, in response to low humidity. *The Journal of experimental biology*, 227(5).

Diaz GB, et al. (2024) Maximum velocity and leg-specific ground reaction force production change with radius during flat curve sprinting. *The Journal of experimental biology*, 227(4).

Wood LJ, et al. (2024) Flight power muscles have a coordinated, causal role in controlling hawkmoth pitch turns. *The Journal of experimental biology*, 227(24).