## **Resource Summary Report**

Generated by NIF on May 25, 2025

# R package: nlme

RRID:SCR\_015655

Type: Tool

### **Proper Citation**

R package: nlme (RRID:SCR\_015655)

#### **Resource Information**

**URL:** <a href="http://CRAN.R-project.org/package=nlme">http://CRAN.R-project.org/package=nlme</a>

**Proper Citation:** R package: nlme (RRID:SCR\_015655)

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

models.

Resource Type: software resource, source code

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

**Funding:** 

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: 20250525T032837+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**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 38 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.

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.

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

Brüll 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).

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).

Everad F, et al. (2024) Are tinnitus burden and tinnitus exacerbation after cochlear implantation influenced by insertion technique, array dislocation, and intracochlear trauma? Frontiers in neurology, 15, 1477259.

Savage JT, et al. (2024) SynBot is an open-source image analysis software for automated quantification of synapses. Cell reports methods, 4(9), 100861.

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).

McKamy AJ, et al. (2023) Pump the brakes! The hindlimbs of three-toed sloths decelerate and support suspensory locomotion. The Journal of experimental biology, 226(8).

Spencer Chapman M, et al. (2023) Clonal selection of hematopoietic stem cells after gene therapy for sickle cell disease. Nature medicine, 29(12), 3175.

Ivy CM, et al. (2023) Migratory songbirds exhibit seasonal modulation of the oxygen cascade. The Journal of experimental biology, 226(17).

van Eijs MJM, et al. (2023) Highly multiplexed spatial analysis identifies tissue-resident memory T cells as drivers of ulcerative and immune checkpoint inhibitor colitis. iScience, 26(10), 107891.

Dou D, et al. (2023) Regulatory imbalance between LRRK2 kinase, PPM1H phosphatase, and ARF6 GTPase disrupts the axonal transport of autophagosomes. Cell reports, 42(5), 112448.

Brivio E, et al. (2023) Sex shapes cell-type-specific transcriptional signatures of stress exposure in the mouse hypothalamus. Cell reports, 42(8), 112874.

de Zwarte SMC, et al. (2022) Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. Human brain mapping, 43(1), 414.

Jaspers-Fayer F, et al. (2022) An fMRI study of cognitive planning before and after symptom provocation in pediatric obsessive-compulsive disorder. Journal of psychiatry & neuroscience : JPN, 47(6), E409.

Murray CS, et al. (2022) High PCO2 does not alter the thermal plasticity of developing Pacific herring embryos during a marine heatwave. The Journal of experimental biology, 225(5).

Laverne G, et al. (2022) Cholinergic interneuron inhibition potentiates corticostriatal transmission in direct medium spiny neurons and rescues motor learning in parkinsonism. Cell reports, 40(1), 111034.

McCarthy EE, et al. (2022) A cytotoxic-skewed immune set point predicts low neutralizing antibody levels after Zika virus infection. Cell reports, 39(7), 110815.