

Resource Summary Report

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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: 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: 20250519T205254+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 [FDI Lab - SciCrunch.org](#).

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.