## **Resource Summary Report**

Generated by NIF on May 25, 2025

# R package: LMERConvenienceFunctions

RRID:SCR\_015658

Type: Tool

### **Proper Citation**

R package: LMERConvenienceFunctions (RRID:SCR\_015658)

#### **Resource Information**

**URL:** http://CRAN.R-project.org/package=LMERConvenienceFunctions

**Proper Citation:** R package: LMERConvenienceFunctions (RRID:SCR\_015658)

**Description:** Software package that performs backward selection of fixed effects, forward fitting of the random effects, and post-hoc analysis using parallel capabilities. Other functionality includes the computation of ANOVAs with upper- or lower-bound p-values and R-squared values for each model term, model criticism plots, data trimming on model residuals, and data visualization.

**Synonyms:** LMERConvenienceFunctions, Package 'LMERConvenienceFunctions', LMERConvenienceFunctions: Model Selection and Post-hoc Analysis for (G)LMER Models

**Resource Type:** software application, data visualization software, software toolkit, data analysis software, data processing software, software resource

**Keywords:** r, fixed effect, random effect, anova, p-value, r-squared, data trimming, data visualization

#### **Funding:**

Availability: Free, Available for download

**Resource Name:** R package: LMERConvenienceFunctions

Resource ID: SCR\_015658

License: GPL-2

**Record Creation Time:** 20220129T080326+0000

Record Last Update: 20250525T031418+0000

## **Ratings and Alerts**

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

No alerts have been found for R package: LMERConvenienceFunctions.

#### 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 NIF.

Cunningham EM, et al. (2023) Temporal patterns of fucoxanthin in four species of European marine brown macroalgae. Scientific reports, 13(1), 22241.

Hamann E, et al. (2021) Costs of reproduction under experimental climate change across elevations in the perennial forb Boechera stricta. Proceedings. Biological sciences, 288(1948), 20203134.

Bartlett MJ, et al. (2017) Sperm competition risk drives rapid ejaculate adjustments mediated by seminal fluid. eLife, 6.