

# Resource Summary Report

Generated by ASWG on Sep 1, 2026

## merTools

RRID:SCR\_023700

Type: Tool

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### Proper Citation

merTools (RRID:SCR\_023700)

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### Resource Information

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

**Proper Citation:** merTools (RRID:SCR\_023700)

**Description:** Software R package for extracting results from mixed effect model objects fit with 'lme4' package. Allows construction of prediction intervals efficiently from large scale linear and generalized linear mixed effects models. Used for analyzing mixed effect regression models.

**Synonyms:** mixed effect regression Tools

**Resource Type:** software resource, software toolkit

**Keywords:** analyzing mixed effect regression models, mixed effect regression models, linear and generalized linear mixed effects models, prediction intervals construction,

**Availability:** Free, Available for download, Freely available

**Resource Name:** merTools

**Resource ID:** SCR\_023700

**Alternate URLs:** <https://github.com/jknowles/merTools>

**License:** GPL v3

**Record Creation Time:** 20230621T050216+0000

**Record Last Update:** 20260829T183131+0000

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### Ratings and Alerts

No rating or validation information has been found for merTools.

No alerts have been found for merTools.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Sam K, et al. (2026) Forest canopy insects are safer from predators in the tropics than at higher latitudes. *Nature communications*, 17(1).

Cheetham NJ, et al. (2026) Socio-Demographic Inequalities in COVID-19 Health Care Access and Experiences in the United Kingdom: Intersectional and Mixed-Methods Analyses of Open and Closed Questions in a Prospective Cohort Study. *Health expectations : an international journal of public participation in health care and health policy*, 29(3), e70692.

Clark EI, et al. (2025) Heritability of body size matches trait evolution in the range expansion of a biological control agent. *Current research in insect science*, 7, 100112.

Tan Z, et al. (2025) Immune development differs between preterm newborns fed mothers' own milk and donor milk. *iScience*, 28(7), 112918.

Novoa Rama E, et al. (2023) Characterizing the gut microbiome of broilers raised under conventional and no antibiotics ever practices. *Poultry science*, 102(8), 102832.

Maeda K, et al. (2021) Correlates of Neutralizing/SARS-CoV-2-S1-binding Antibody Response with Adverse Effects and Immune Kinetics in BNT162b2-Vaccinated Individuals. *medRxiv : the preprint server for health sciences*.

Feldhege J, et al. (2021) Detrimental Effects of Online Pro-Eating Disorder Communities on Weight Loss and Desired Weight: Longitudinal Observational Study. *Journal of medical Internet research*, 23(10), e27153.

Cabello M, et al. (2021) The role of ageing in the wish to be dead: disentangling age, period and cohort effects in suicide ideation in European population. *Epidemiology and psychiatric sciences*, 30, e17.

Beukenhorst AL, et al. (2021) Understanding the Predictors of Missing Location Data to Inform Smartphone Study Design: Observational Study. *JMIR mHealth and uHealth*, 9(11), e28857.

Martinez PP, et al. (2020) Tube Well Use as Protection Against Rotavirus Infection During the Monsoons in an Urban Setting. *The Journal of infectious diseases*, 221(2), 238.

Shapiro AD, et al. (2020) Subjective value then confidence in human ventromedial prefrontal cortex. *PloS one*, 15(2), e0225617.

Jani M, et al. (2020) Time trends and prescribing patterns of opioid drugs in UK primary care patients with non-cancer pain: A retrospective cohort study. PLoS medicine, 17(10), e1003270.

Hicks LL, et al. (2020) A statistical approach to white-nose syndrome surveillance monitoring using acoustic data. PloS one, 15(10), e0241052.

Hardeman AM, et al. (2019) Variation in gait parameters used for objective lameness assessment in sound horses at the trot on the straight line and the lunge. Equine veterinary journal, 51(6), 831.