

Resource Summary Report

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multcomp

RRID:SCR_018255

Type: Tool

Proper Citation

multcomp (RRID:SCR_018255)

Resource Information

URL: <https://CRAN.R-project.org/package=multcomp>

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Description: Software R package for simultaneous inference in general parametric models. Offers interface to perform multiple comparisons in general context. Simultaneous tests and confidence intervals for general linear hypotheses in parametric models, including linear, generalized linear, linear mixed effects, and survival models.

Resource Type: data analysis software, data analytics software, data processing software, software application, software resource

Keywords: Simultaneous inference, parametric model, simultaneous test, confidence interval, linear hypotheses, survival model

Availability: Free, Freely available

Resource Name: multcomp

Resource ID: SCR_018255

Alternate URLs: <http://multcomp.r-forge.r-project.org/>

License: GPL-2

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260905T132833+0000

Ratings and Alerts

No rating or validation information has been found for multcomp.

No alerts have been found for multcomp.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Munisha M, et al. (2026) Chronic replication stress-mediated genomic instability disrupts placenta development in mice. *PLoS genetics*, 22(4), e1012111.

Persson E, et al. (2026) Postnatal temperature triggers predictable thermoregulatory shifts in birds without a trade-off between heat and cold tolerance. *The Journal of experimental biology*, 229(9).

Krueger ME, et al. (2025) Comparative analysis of Parkinson's and inflammatory bowel disease gut microbiomes reveals shared butyrate-producing bacteria depletion. *NPJ Parkinson's disease*, 11(1), 50.

Daguano Gastaldi V, et al. (2025) A comprehensive and standardized pipeline for automated profiling of higher cognition in mice. *Cell reports methods*, 5(3), 101011.

Gonzalez-Duran E, et al. (2025) Suppression of plastid-to-nucleus gene transfer by DNA double-strand break repair. *Nature plants*, 11(6), 1154.

Brassart F, et al. (2025) Assessment of asymmetry and trajectory during repeated twenty-meter sprints in court sports wheelchair athletes. *Frontiers in sports and active living*, 7, 1511167.

Bretz NM, et al. (2025) Venom vesicles from the parasitoid *Ganaspis hookeri* facilitate venom protein entry into host immune cells. *bioRxiv : the preprint server for biology*.

Hindermann M, et al. (2025) Protocol for the preparation, execution, and automated analysis via IntelliR of IntelliCage-based mouse experiments. *STAR protocols*, 6(4), 104246.

Ashbury AM, et al. (2025) Wild orangutans maintain sleep homeostasis through napping, counterbalancing socio-ecological factors that interfere with their sleep. *Current biology : CB*, 35(13), 3163.

Hata Y, et al. (2025) snRNA-seq analysis of the moss *Physcomitrium patens* identifies a conserved cytokinin-ESR module promoting pluripotent stem cell identity. *Developmental cell*, 60(13), 1884.

Aagaard A, et al. (2024) Molecular Mechanisms of Temperature Tolerance Plasticity in an Arthropod. *Genome biology and evolution*, 16(8).

Woo LA, et al. (2024) Multi-omic analysis reveals VEGFR2, PI3K, and JNK mediate the small molecule induction of human iPSC-derived cardiomyocyte proliferation. *iScience*,

27(8), 110485.

van den Berg MM, et al. (2024) Sodium salicylate improves detection of amplitude-modulated sound in mice. *iScience*, 27(5), 109691.

López-Gómez J, et al. (2024) Quantification of Histone H1 Subtypes Using Targeted Proteomics. *Biomolecules*, 14(10).

Zhou Y, et al. (2024) Genetic regulation of self-organizing azimuthal canopy orientations and their impacts on light interception in maize. *The Plant cell*, 36(5), 1600.

Takeuchi H, et al. (2024) The Chaperone NASP Contributes to de Novo Deposition of the Centromeric Histone Variant CENH3 in Arabidopsis Early Embryogenesis. *Plant & cell physiology*, 65(7), 1135.

Holmes LA, et al. (2023) Strong effects of food quality on host life history do not scale to impact parasitoid efficacy or life history. *Scientific reports*, 13(1), 3528.

Ning R, et al. (2023) Evidence that anterograde learning interference depends on the stage of learning of the interferer: blocked versus interleaved training. *Learning & memory (Cold Spring Harbor, N.Y.)*, 30(5-6), 101.

Zoller MJ, et al. (2022) Interplay Between the In-Vitro Cleaning Performance and Wear of Manual Toothbrushes. *Oral health & preventive dentistry*, 20, 457.

Virens E, et al. (2022) Wind of change: a diurnal skink thermoregulates between cooler set-points and for an increased amount of time in the presence of wind. *The Journal of experimental biology*, 225(6).