Resource Summary Report

Generated by RRID on Aug 15, 2026

MCMCtreeR

RRID:SCR_025348
Type: Tool

Proper Citation

MCMCtreeR (RRID:SCR_025348)

Resource Information

URL: https://github.com/PuttickMacroevolution/MCMCTreeR

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Description: Software R package to estimate distribution values for temporal node constraints and prepare input files for MCMCtree. Helps users choose parameters to reflect age information for prior age distributions, visualise time priors, and produce output files ready to be used in MCMCtree. Used to prepare MCMCtree analyses and visualize posterior ages on trees.

Resource Type: software toolkit, source code, software resource

Defining Citation: PMID:31292621

Keywords: estimate distribution values, temporal node constraints, prepare input files for MCMCtree,

Availability: Free, Available for download, Freely available

Resource Name: MCMCtreeR

Resource ID: SCR_025348

Record Creation Time: 20240521T053244+0000

Record Last Update: 20260815T042900+0000

Ratings and Alerts

No rating or validation information has been found for MCMCtreeR.

No alerts have been found for MCMCtreeR.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Labella-Ortega M, et al. (2026) Uncovering the genome evolutionary dynamics of the Mediterranean endemic palm Chamaerops humilis. BMC plant biology, 26(1).

Wang Y, et al. (2026) A chromosome level genome, as well as transcriptomes and metabolomes, insights into genome evolution and the biosynthesis of kaempferol and kaempferol derivatives in Impatiens balsamina (Balsaminaceae). Frontiers in plant science, 17, 1725789.

Park H, et al. (2025) Chromosome-level genome of Zoysia sinica in the intertidal zone reveals genomic insights into waterlogging stress adaptation. The plant genome, 18(3), e70070.

Boosten M, et al. (2025) Independent transitions to fully planktonic life cycles shaped the global distribution of medusozoans in the epipelagic zone. Proceedings of the National Academy of Sciences of the United States of America, 122(22), e2415979122.

Ren L, et al. (2025) Genomes reveal pervasive distant hybridization in nature among cyprinid fishes. GigaScience, 14.

Zhou Y, et al. (2025) Telomere-to-telomere genome and resequencing of 231 individuals reveal evolution, genomic footprints in Asian icefish, Protosalanx chinensis. GigaScience, 14.

Lv Y, et al. (2025) Subgenome Partitioning and Polyploid Genome Evolution in the Loach Family Botiidae (Order Cypriniformes). Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(36), e05411.

Zhou Y, et al. (2025) Telomere-to-telomere genome and resequencing of 254 individuals reveal evolution, genomic footprints in Asian icefish, Protosalanx chinensis. GigaScience, 14.

Yang X, et al. (2025) Comparative genomic analysis reveals the genetic basis of the environmental adaptability of Propylea japonica. BMC genomics, 27(1), 42.

Zhu X, et al. (2024) An expanded odorant-binding protein mediates host cue detection in the parasitic wasp Baryscapus dioryctriae basis of the chromosome-level genome assembly analysis. BMC biology, 22(1), 196.

Wang Y, et al. (2024) Chromosome-scale genome, together with transcriptome and metabolome, provides insights into the evolution and anthocyanin biosynthesis of Rubus rosaefolius Sm. (Rosaceae). Horticulture research, 11(4), uhae064.

Yang H, et al. (2024) High-quality assembly of the T2T genome for Isodon rubescens f. lushanensis reveals genomic structure variations between 2 typical forms of Isodon rubescens. GigaScience, 13.

Sigeman H, et al. (2024) The rate of W chromosome degeneration across multiple avian neo-sex chromosomes. Scientific reports, 14(1), 16548.

Wang J, et al. (2022) A draft genome of the medicinal plant Cremastra appendiculata (D. Don) provides insights into the colchicine biosynthetic pathway. Communications biology, 5(1), 1294.

Hou Z, et al. (2022) Phylotranscriptomic insights into a Mesoproterozoic-Neoproterozoic origin and early radiation of green seaweeds (Ulvophyceae). Nature communications, 13(1), 1610.

Yan N, et al. (2022) Chromosome-level genome assembly of Zizania latifolia provides insights into its seed shattering and phytocassane biosynthesis. Communications biology, 5(1), 36.

Klein CG, et al. (2021) Evolution and dispersal of snakes across the Cretaceous-Paleogene mass extinction. Nature communications, 12(1), 5335.