

Package: bonsai (via r-universe)

July 2, 2024

Title Model Wrappers for Tree-Based Models

Version 0.3.0.9000

Description Bindings for additional tree-based model engines for use with the 'parsnip' package. Models include gradient boosted decision trees with 'LightGBM' (Ke et al, 2017.), conditional inference trees and conditional random forests with 'partykit' (Hothorn and Zeileis, 2015. and Hothorn et al, 2006. <doi:10.1198/106186006X133933>), and accelerated oblique random forests with 'aorsf' (Jaeger et al, 2022 <doi:10.5281/zenodo.7116854>).

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URL <https://bonsai.tidymodels.org/>,
<https://github.com/tidymodels/bonsai>

BugReports <https://github.com/tidymodels/bonsai/issues>

Depends R (>= 4.0), parsnip (>= 1.0.1)

Imports cli, dials, dplyr, glue, purrr, rlang, stats, tibble, utils

Suggests covr, knitr, lightgbm, aorsf (>= 0.1.5), modeldata, partykit, rmarkdown, rsample, testthat (>= 3.0.0), tune

VignetteBuilder knitr

Config/Needs/website tidyverse/tidytemplate

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Repository <https://tidymodels.r-universe.dev>

RemoteUrl <https://github.com/tidymodels/bonsai>

RemoteRef HEAD

RemoteSha 4b4cc7205fd8d50931e823f4a87f5ed9334d5009

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Description

Bindings for additional tree-based model engines for use with the 'parsnip' package. Models include gradient boosted decision trees with 'LightGBM' (Ke et al, 2017.), conditional inference trees and conditional random forests with 'partykit' (Hothorn and Zeileis, 2015. and Hothorn et al, 2006. [doi:10.1198/106186006X133933](https://doi.org/10.1198/106186006X133933)), and accelerated oblique random forests with 'aorsf' (Jaeger et al, 2022 [doi:10.5281/zenodo.7116854](https://doi.org/10.5281/zenodo.7116854)).

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See Also

Useful links:

- <https://bonsai.tidymodels.org/>
- <https://github.com/tidymodels/bonsai>
- Report bugs at <https://github.com/tidymodels/bonsai/issues>

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