

Package ‘bonsai’

June 23, 2022

Title Model Wrappers for Tree-Based Models

Version 0.1.0

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.) and 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)>).

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

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

Depends parsnip (>= 1.0.0)

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

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

VignetteBuilder knitr

Config/Needs/website tidyverse/tidytemplate

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.2.0

NeedsCompilation no

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Repository CRAN

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bonsai-package	<i>bonsai: Model Wrappers for Tree-Based Models</i>
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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 (Guolin et al, 2017. [doi:10.5555/3294996.3295074](https://doi.org/10.5555/3294996.3295074)) and conditional inference trees and conditional random forests with partykit (Hothorn and Zeileis, 2015. [doi:10.5555/2789272.2912120](https://doi.org/10.5555/2789272.2912120) and Hothorn et al, 2006. [doi:10.1198/106186006X133933](https://doi.org/10.1198/106186006X133933)).

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- RStudio [copyright holder, funder]

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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