

Package ‘hyper.gam’

February 6, 2026

Type Package

Title Generalized Additive Models with Hyper Column

Version 0.2.2

Description Generalized additive models with a numeric hyper column. Sign-adjustment based on the correlation of model prediction and a selected slice of the hyper column. Visualization of the integrand surface over the hyper column.

RoxygenNote 7.3.3

Encoding UTF-8

License GPL-2

Language en-US

URL <https://github.com/tingtingzhan/hyper.gam>,
https://tingtingzhan.quarto.pub/groupedhyperframe/bioinformatics_btaf430.html

Depends R (>= 4.5), groupedHyperframe (>= 0.3.0)

Imports caret, cli, mgcv, nlme, parallel, plotly

Suggests knitr, quarto, rmarkdown, spatstat.geom, survival,
htmlwidgets

VignetteBuilder quarto, knitr

NeedsCompilation no

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Repository CRAN

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`hyper.gam-package`*hyper.gam: Generalized Additive Models with Hyper Column*

Description

Generalized additive models with a numeric hyper column. Sign-adjustment based on the correlation of model prediction and a selected slice of the hyper column. Visualization of the integrand surface over the hyper column.

Note

Help files of individual functions are intentionally suppressed in the pdf manual. Users are encouraged to get started with the vignettes.

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See Also

Useful links:

- <https://github.com/tingtingzhan/hyper.gam>
- https://tingtingzhan.quarto.pub/groupedhyperframe/bioinformatics_btaf430.html

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