

Package ‘hyper.gam’

April 15, 2025

Type Package

Title Generalized Additive Models with Hyper Column

Version 0.1.0

Date 2025-04-10

Description Generalized additive models with a numeric hyper column tabulated on a common grid. 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 7.3.2

Encoding UTF-8

License GPL-2

Depends R (>= 4.4), groupedHyperframe

Language en-US

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

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

VignetteBuilder quarto

NeedsCompilation no

Author Tingting Zhan [aut, cre] (<<https://orcid.org/0000-0001-9971-4844>>),
Inna Chervoneva [aut] (<<https://orcid.org/0000-0002-9104-4505>>),
Erjia Cui [ctb] (<<https://orcid.org/0000-0003-3576-2892>>)

Maintainer Tingting Zhan <tingtingzhan@gmail.com>

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hyper.gam-package

hyper.gam: Generalized Additive Models with Hyper Column

Description

Generalized additive models with a numeric hyper column tabulated on a common grid. 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

```
vignette('QuantileIndex', package = 'hyper.gam')
```

Author(s)

Maintainer: Tingting Zhan <tingtingzhan@gmail.com> ([ORCID](#))

Authors:

- Inna Chervoneva <Inna.Chervoneva@jefferson.edu> ([ORCID](#))

Other contributors:

- Erjia Cui <ecui@umn.edu> ([ORCID](#)) [contributor]

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