

Package ‘groupedHyperframe’

October 14, 2025

Type Package

Title Grouped Hyper Data Frame: An Extension of Hyper Data Frame

Version 0.3.0

Description An S3 class 'groupedHyperframe' that inherits from hyper data frame. Batch processes on point-pattern hyper column. Aggregation of function-value-table hyper column(s) and numeric hyper column(s) over a nested grouping structure.

RoxygenNote 7.3.3

LazyData true

LazyDataCompression xz

Encoding UTF-8

License GPL-2

Language en-US

URL <https://github.com/tingtingzhan/groupedHyperframe>

Depends R (>= 4.5)

Imports cli, parallel, doParallel, foreach, matrixStats, pracma, GET, SpatialPack, ggplot2, geomtextpath, scales, patchwork, spatstat.explore, spatstat.geom, spatstat.random

Suggests knitr, quarto, rmarkdown, rpart, survival, spatstat.data

VignetteBuilder quarto

NeedsCompilation no

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Repository CRAN

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groupedHyperframe-package

groupedHyperframe: Grouped Hyper Data Frame: An Extension of Hyper Data Frame

Description

An S3 class 'groupedHyperframe' that inherits from hyper data frame. Batch processes on point-pattern hyper column. Aggregation of function-value-table hyper column(s) and numeric hyper column(s) over a nested grouping structure.

Note

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

<https://rpubs.com/tingtingzhan/groupedHyperframe>

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See Also

Useful links:

- <https://github.com/tingtingzhan/groupedHyperframe>

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