

# Package ‘groupedHyperframe’

July 22, 2025

**Type** Package

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

**Version** 0.2.4

**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** 7.3.2

**LazyData** true

**LazyDataCompression** xz

**Encoding** UTF-8

**License** GPL-2

**Depends** R (>= 4.5)

**Language** en-US

**Imports** cli, parallel, matrixStats, pracma, spatstat.explore, spatstat.geom, SpatialPack

**Suggests** knitr, quarto, rmarkdown, 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*

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### 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.

### Author(s)

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