

Package ‘groupedHyperframe.random’

October 14, 2025

Type Package

Title Simulated Grouped Hyper Data Frame

Version 0.2.0

Description An intuitive interface to simulate (1) superimposed (marked) point patterns with vectorized parameterization of random point pattern and distribution of marks; and (2) grouped hyper data frame based on population parameters and subject-specific random effects.

RoxygenNote 7.3.3

Encoding UTF-8

License GPL-2

Language en-US

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

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

Imports cli, MASS, spatstat.geom, spatstat.random

Suggests knitr, quarto, rmarkdown, magrittr

VignetteBuilder quarto

NeedsCompilation no

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Repository CRAN

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groupedHyperframe.random-package

groupedHyperframe.random: Simulated Grouped Hyper Data Frame

Description

An intuitive interface to simulate (1) superimposed (marked) point patterns with vectorized parameterization of random point pattern and distribution of marks; and (2) grouped hyper data frame based on population parameters and subject-specific random effects.

Note

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

```
vignette('intro', package = 'groupedHyperframe.random')
```

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See Also

Useful links:

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

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