Package 'groupedHyperframe.random'

April 7, 2025

Type Package

Title Simulated Grouped Hyper Data Frame

Version 0.1.0

Date 2025-04-03

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 7.3.2

Encoding UTF-8

License GPL-2

Depends R (>= 4.4), spatstat.random, groupedHyperframe

Language en-US

Imports cli, spatstat.geom, MASS

Suggests knitr, rmarkdown, spatstat.data

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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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')
```

Author(s)

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