

Package ‘pepa’

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Type Package

Title Package for the Execution of Pre Cooked Analysis

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Description This packages creates automatic reports for different types of statistical methodologies.

Depends R (>= 3.0.0), st4gi

Imports rmarkdown

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LazyData true

Suggests testthat

NeedsCompilation no

R topics documented:

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pty	<i>Pepa tells you</i>
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Description

Explain an R object in plain English if she knows about it

Usage

```
pty(x, author = "International Potato Center")
```

Arguments

x	An R object.
author	Author.

Details

It uses a set of templates to explain R objects in plain English. It aims to produce automatic reports for some standard statistical procedures, most of them included in the `st4gi` package.

Value

It returns an automatic report about the selected R object.

Author(s)

Raul Eyzaguirre.

Examples

```
# Pepa tells you something about a data frame:  
pty(pj pz09)
```

pty_rcbd	<i>Pepa tells you about RCBD</i>
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Description

Explain a RCBD fitted model in plain English

Usage

```
pty_rcbd(trait, treat, block, data, author = "International Potato Center")
```

Arguments

trait	The trait to analyze.
treat	The treatments.
block	The blocks.
data	The name of the data frame.
author	Author.

Details

It fits a linear model for a RCBD and explains the results. It also checks the assumptions.

Value

It returns an automatic report about the RCBD fitted model.

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Author(s)

Raul Eyzaguirre.

Examples

```
pty_rcbd("trw", "geno", "rep", pjpz09)
```

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