

Package ‘tetraclasses’

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Type Package

Title Satisfaction Analysis using Tetraclasses Model and Llosa Matrix

Version 0.1.21

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Description

The satisfaction Analysis using the tetraclasses model from Sylvie Llosa. Llosa (1997) <<http://www.jstor.org/stable/40592578>>.

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Encoding UTF-8

LazyData true

Imports ggplot2, reshape2, tidyr, FactoMineR, magrittr, tibble,
ggrepel, dplyr

RoxygenNote 6.0.1

NeedsCompilation no

Repository CRAN

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gen_avis	<i>gen_avis</i>
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Description

generate some random data

Usage

```
gen_avis(N)
```

Arguments

N	number of person
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Examples

```
base <- gen_avis(50)
```

gen_llosa	<i>gen_llosa</i>
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Description

plot the Llosa matrix

Usage

```
gen_llosa(dataset, borne = FALSE, annotate = TRUE,
  annotatetext = c("Secondaire", " Plus", "Basique", "Clef"))
```

Arguments

dataset	the dataset to use
borne	booleen do you want xlim and ylim
annotate	booleen do you want annotation
annotatetext	annotation text

Examples

```
library(tetraclasse)
gen_avis(100) %>%
  prepare_base() %>%
  gen_llosa()
```

Llosa	<i>gen_llosa</i>
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Description

hack CA objet

Usage

Llosa(BID)

Arguments

BID CA objet to hack

prepare_base	<i>prepare_base</i>
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Description

reshape the base

Usage

prepare_base(base, satis_col = "satis")

Arguments

base the base to reshape
satis_col satisfaction column name

Examples

```
base <- gen_avis(150)
prepare_base(base)
```

tetraclasse	<i>tetraclasse</i>
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Description

Satisfaction Analysis - Tetraclasse Model And Llosa Matrix.

Examples

```
library(tetraclasse)

# generate an example dataset with 150 respondent
base <- gen_avis(150)

#prepare the dataset
base <- prepare_base(base)

# construct the Llosa matrix
gen_llosa(base)
if(require("dplyr")){
  gen_avis(5000) %>%
    sample_n(50,replace = TRUE)%>%
    prepare_base() %>%
    gen_llosa()

  gen_avis(500) %>%
    prepare_base() %>%
    gen_llosa()
}
```

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