

Package ‘tetraclasse’

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Type Package

Title Satisfaction Analysis using Tetraclasse Model and Llosa Matrix

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Description The satisfaction Analysis using the tetra-classe 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

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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
---	------------------

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

tetraclasse

Description

Satisfaction Analysis - Tetraclasse Model And Llosa Matrix.

Examples

```
library(tetraclasse)

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

#prepare the dataset
base <- prepare_base(base)

# construct the Llosa matrix
gen_llosa(base)
if(require("dplyr")){
gen_avis(500) %>%
  sample_n(50,replace = TRUE)%>%
  prepare_base() %>%
  gen_llosa()

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

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