Package 'tetraclasse'

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Type Package

Title Satisfaction Analysis using Tetraclasse Model and Llosa Matrix

Version 0.1.21

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Description

The satisfaction Analysis using the tetraclasse 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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R topics documented:

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gen_avis   *gen_avis*

Description

generate some random data

Usage

```
gen_avis(N)
```

Arguments

N   number of person

Examples

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

---

gen_llosa   *gen_llosa*

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	*gen_llosa*

Description

hack CA objet

Usage

```
Llosa(BID)
```

Arguments

BID	CA objet to hack

prepare_base	*prepare_base*

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(5000) %>%
  sample_n(50,replace = TRUE)%>%
  prepare_base() %>%
  gen_llosa()



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

}
```

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