

# 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>>.

**License** GPL-3

**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)
```

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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()
```

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Llosa	<i>gen_llosa</i>
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**Description**

hack CA objet

**Usage**

Llosa(BID)

**Arguments**

BID                    CA objet to hack

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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)
```

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tetraclasse

*tetraclasse*

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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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