

Package ‘distancemeasures’

August 14, 2024

Type Package

Title Plot various distance measures in regression context (Cooks, DFFITS,Hadis)

Version 0.1.0

Description The aim of the package is be to create a graph similar to a Cooks distance plot but with more distance measures (Cooks,DFFITS,Hadi).

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Encoding UTF-8

LazyData true

Imports stats

Suggests knitr,
rmarkdown,
testthat (>= 3.0.0)

VignetteBuilder knitr

RoxygenNote 7.3.2

Config/testthat/edition 3

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Description

distances

Usage

```
distances(data, model, plots = TRUE)
```

Arguments

<code>data</code>	A Dataframe
<code>model</code>	A linear model of class <code>lm</code>
<code>plots</code>	A boolean parameter to suppress plots

Value

a list with names entries (`cooks`, `dffits`, `hadi`)

Examples

```
{ x1 <- rnorm(100, 50, 9);  
y1 <-5*x1+1;  
randomdata <- data.frame(y1, x1);  
model <- lm(y1 ~ x1, data = randomdata);  
distances(randomdata, model, plots = TRUE)  
}
```

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