

Package ‘NTsets’

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Type Package

Title Normality Test Sets Integrated Function and Figure Methods for Continuous Variables

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Description Conduct normality test with nine different function methods and three different figure methods for continuous variables with a friendly GUI. For different data types, provide a more comprehensive means of judgement.

Depends gWidgets, gWidgetsRGtk2, RGtk2Extras

Imports RGtk2, methods, nortest, tseries, fBasics

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NTsets-package *Normality Test Sets Integrated Function and Figure Methods for Continuous Variables*

Description

Conduct normality test with nine different function methods and three different figure methods for continuous variables with a friendly GUI. For different data types, provide a more comprehensive means of judgement.

Details

The DESCRIPTION file: Users can use library(NTsets) to start the GUI and use 'NT()' to restart the programe.

Author(s)

Ren Wen-Long,Xiao Jing,Zhang Ya-Wen,Liang Zhi-Kai Maintainer:Wenlong Ren<wenlongren@ntu.edu.cn>

Examples

```
library(NTsets)
```

NT

Provide a friendly GUI including all functions and start the GUI.

Description

The graphical user interface (GUI) is started by NT(). And next it is operated on the GUI. This is the interactive way.

Usage

```
NT()
```

Value

Return an graphical user interface.

Author(s)

Ren Wen-Long,Xiao Jing,Zhang Ya-Wen,Liang Zhi-Kai

Examples

```
###produce random number###  
x <- runif(100, 5.0, 50.0)  
  
###Kolmogorov-Smirnor (KS)###  
ks <- ks.test(jitter(x),"pnorm",mean(x),sd(x))  
ks  
  
###histogram###  
hist(x)
```

```
###boxplot###  
boxplot(x)  
###qqnorm###  
qqnorm(x)
```

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