

Package: signibox (via r-universe)

October 21, 2024

Type Package

Title Statistical Significance Marks on Boxplots

Version 1.0

Date 2022-03-17

Author Louis-Marvin Sander, master of ecology student from Bayreuth,
DE

Maintainer Louis-Marvin Sander <louis.sander@web.de>

Description Add significance marks to any R Boxplot, including a given
significance niveau.

License GPL (>= 2)

NeedsCompilation no

Date/Publication 2022-03-21 08:30:08 UTC

Repository <https://pentaonia.r-universe.dev>

RemoteUrl <https://github.com/cran/signibox>

RemoteRef HEAD

RemoteSha 4d28ce863a573134380d8249a3a003090530db9c

Contents

signibox 1

Index 3

signibox	<i>Signibox</i>
----------	-----------------

Description

Add significance marks to any R Boxplot, including a given significance niveau.

Usage

```
signibox(start = 1, end = 2, height = 8.5,  
  sigtext = "test", color = "orange3", textsize = 1,  
  linetype = 1, textheight = 0.5, linewidth = 1)
```

Arguments

start	Location of the first boxplot that should be marked.
end	Location of the second boxplot that should be marked.
height	Height of the marker in the plot.
sigtext	Text above the significance mark.
color	Color of the mark and the text.
textsize	Size of the text.
linetype	Line type of the marker.
textheight	Height of the text above the marker.
linewidth	Width/Size of the marker.

Value

It adds a marker, created from two "arrows", to the graph.

Author(s)

Louis-Marvin Sander, master of ecology student from Bayreuth, DE

Examples

```
boxplot(iris, ylim=c(0,11))  
  
# Marker only for illustration, no statistical evidence for given significance levels.  
  
signibox()  
signibox(2, 3, 10, "highly significant")  
signibox(4, 5, 4, "NS")  
signibox(start = 3, end = 5, height = 8.5,  
  sigtext = "NS", color = "black", textsize = 2,  
  linetype = 1, textheight = 0.5, linewidth = 2)
```

Index

signibox, 1