

Package ‘signibox’

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Type Package

Title Statistical Significance Marks on Boxplots

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

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NeedsCompilation no

Repository CRAN

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signibox *Signibox*

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)

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Examples

```
boxplot(iris, ylim=c(0,11))

# Marker only for illustration, no statistical evidence for given significance niveaus.

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)
```

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