Package ‘biplotbootGUI’

February 19, 2015

Type Package
Title Bootstrap on Classical Biplots
Version 1.0
Date 2013-12-22
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Maintainer Ana Belen Nieto Librero <ananieto@usal.es>
Description A GUI with which the user can construct and interact with Bootstrap methods on Classical Biplots
License GPL (>= 2)
Depends R (>= 2.14.2), rgl (>= 0.92.858), tcltk (>= 2.14.2), tkrplot
                                     (>= 0.0-23), vegan (>= 2.0-7), tcltk2 (>= 1.2-5)
SystemRequirements BWidget
NeedsCompilation no
Repository CRAN
Date/Publication 2013-12-31 07:13:59

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Description

The biplotbootGUI package is a graphical user interface to construct and interact with Classical Biplots and, combined with Bootstrap methods, provides confidence intervals based on percentiles and t-bootstrap to measure the accuracy of the estimators of the parameters given by them.
**Details**

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The biplotbootGUI package is a graphical user interface to construct and interact with Classical Biplots and, combined with Bootstrap methods, provides confidence intervals based on percentiles and t-bootstrap to measure the accuracy of the estimators of the parameters given by them. biplotbootGUI package is designed to run under any of the major plataforms (Windows, Linux and MacOSX). Only is necessary to install the toolkit “bwidget”.

**Author(s)**

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Maintainer: Ana Belen Nieto Librero <ananieto@usal.es>

**References**


**Examples**

```r
data(iris)
biplotboot(iris[, -5])
```

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**Description**

The biplotbootGUI package is a graphical user interface to construct and interact with Classical Biplots and, combined with Bootstrap methods, provides confidence intervals based on percentiles and t-bootstrap to measure the accuracy of the estimators of the parameters given by them.

**Usage**

```r
biplotboot(x)
```
Arguments

x  A data frame with the information to be analyzed

Author(s)
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References
Gabriel, K. R. (1971). The Biplot graphic display of matrices with applications to principal compo-

Examples

data(iris)
biplotboot(iris[, -5])
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