Package ‘multibiplotGUI’

October 13, 2022

Type Package
Title Multibiplot Analysis in R
Version 1.1
Date 2022-05-10
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Description Provides a GUI with which users can construct and interact with Multibiplot Analysis.
Depends R (>= 3.1.1)
Imports rgl, tkrplot, tcltk, tcltk2, shapes, plotrix, MASS, Matrix, cluster, dendroextras, grDevices, graphics, stats, utils
SystemRequirements Tcl/Tk package BWidget.
Repository CRAN
License GPL (>= 2)
Encoding UTF-8
NeedsCompilation no
Date/Publication 2022-05-11 14:30:02 UTC

R topics documented:

  multibiplotGUI-package ........................................... 2
  multibiplot ...................................................... 2

Index 4
multibiplotGUI-package

*Multibiplot Analysis package*

**Description**

Provides a GUI with which users can construct and interact with Multibiplot Analysis

**Details**

- **Package:** multibiplotGUI
- **Type:** Package
- **Version:** 1.1
- **Date:** 2022-05-11
- **License:** GPL (>=2)
- **LazyLoad:** yes

**Author(s)**

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multibiplot

*Multibiplot Analysis in R*

**Description**

Provides a GUI with which users can construct and interact with Multibiplot Analysis

**Usage**

`multibiplot(x, ni)`

**Arguments**

- `x` A data frame in which the different sets data have been juxtaposed
- `ni` A vector specifying the length of each set data
multibiplot

Details

see documentation When the function is launched, firstly, it is necessary to enter the number of tables to intervene in the analysis and choose a option in the dropdown menu. Then, an options window is displayed where you can change the color, the size, the label and/or the symbol of an element or of a set of elements; to select the transformation data and to tick the checkbox to show the axes in the graph. Press the Graph button and then choose the number of axes to be retained. When the graph will be shown the function will allow you to change characteristics of the points with the mouse. Press the right mouse button and a window will be displayed to change the color, the size, the label and/or the symbol of the nearest point of position clicked. Press the left mouse button and a window will be displayed to select one option: Change the position label, Remove label or Do nothing. Press the 3D button and a window will be displayed with the 3D-graph.

Value

A graph showing the data representation and an output file containing the contributions, qualities of representation, goodness of fit, coordinates and eigen values

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References


Examples

data(iris)
multibiplot(iris[,-5], rep(50,3))
Index

* multivariate
  multibiplot. 2

* package
  multibiplotGUI-package. 2

multibiplot. 2
multibiplotGUI-package. 2