Package ‘REPPlabShiny’

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Type Package

Title 'REPPlab' via a Shiny Application

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Depends shiny, DT, REPPlab

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print.epplabshiny  

Description

Prints some information about objects of class epplabshiny, typically the result of a call to REPPlabShiny. Printed is only a table with the names, indices and algorithms used for calculated EPPlab object, not the whole content of the object.

Usage

## S3 method for class 'epplabshiny'
print(x, ...)

Arguments

x    an object of class epplabshiny.
...

See Also

REPPlabShiny

Examples

if(interactive()){
  data(ReliabilityData)
  Repplablistshiny <- REPPlabShiny(ReliabilityData)
  print(Repplablistshiny)
}

REPPlabShiny  

Exploratory Projection Pursuit with a Shiny App

Description

Performs exploratory projection pursuit as implemented in 'REPPlab' via a shiny app where the user can calculate up to five EPPlab objects and work with the results. Suitable for outlier detection or cluster identification. The actions in the Shiny app can be saved for further processing in R.

Usage

REPPlabShiny(x)
Arguments

x       data matrix or data frame. Can also contain non-numerical variables. The user can choose in the app which rows and columns will be used.

Value

Returns an object of class epplabshiny. The object consists of a list of length five containing the calculated EPPlab objects each having class epplab. If not five epplab objects were computed, the corresponding list entry is an empty list. Note that print here only summarizes the output in order not to clutter the screen.

References


See Also

Shiny, EPPlab

Examples

if(interactive()){
  data(ReliabilityData)
  str(ReliabilityData)
  Repplablistshiny <- REPPlabShiny(ReliabilityData)
  Repplablistshiny
  str(Repplablistshiny)
}
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