

Package ‘mvgraph’

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Type Package

Title Multivariate, Interactive Visualization

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Depends StatDA

Description This package offers different possibilities to visualize multivariate data

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multiGraph

Draw multivariate Graphics

Description

Draw multivariate Graphics

Usage

```
multiGraph(x)
```

Arguments

x Matrix or data.frame

Details

Multivariate Graphics was made for datasets which include geographical coordinates. Data points are drawn as "multivariate items" on a geographical background map (the locations of the items are specified by their coordinates) which makes it possible to show the values of many variables at a time. Several multivariate items such as stars, trees or castles are provided.

Value

If multiGraph is started via DASplusR, a string, representing the command, is returned.

Examples

```
#data(swiss)
#multiGraph(swiss)
```

spin*Spin and Brush*

Description

Visualize 3d data

Usage

```
spin(x, y=0, z=0, groups=NULL)
```

Arguments

x	Matrix or data.frame containing data. When x is one-dimensional, y and z have to be supplied.
y	Optional vector argument, when x is a vector
z	Optional vector argument, when x is a vector
groups	Group factor; has to be between 0 and 6

Details

Spin and Brush is a three-dimensional data viewing program which offers the possibility to rotate and zoom. Data points can be clustered by using different colors and identified by name or selection.

Value

spin returns a data.frame consisting of the three-dimensional data and an additional group factor depending on the brushed data points.

Examples

```
#data(swiss)
#spin(swiss)
```

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