Package 'MVA'

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Title An Introduction to Applied Multivariate Analysis with R

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Description Functions, data sets, analyses and examples from the book
`An Introduction to Applied Multivariate Analysis with R'
(Brian S. Everitt and Torsten Hothorn, Springer, 2011).

Depends HSAUR2

Suggests mvtnorm, mclust, lattice, flexclust, nlme, RLRsim, multcomp,
ape, MASS, sem, KernSmooth, scatterplot3d

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R topics documented:

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bvbox   *Bivariate Boxplot*

Description

Boxplots in two dimensions

Usage

```
bvbox(a, d = 7, mtitle = "Bivariate Boxplot", method = "robust",
      xlab = "X", ylab = "Y", add = FALSE, ...)
```

Arguments

a	a matrix
d	dimension
mtitle	title
method	character
xlab	x axis label
ylab	y axis label
add	add to existing plot?
...	additional plot arguments

Details

See Chapter 2: Visualization.

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chiplot   *Chi-squared Plot*

Description

Chi-squared plot for independence

Usage

```
chiplot(x, y, ...)
```

Arguments

x	a numeric vector
y	a numeric vector
...	additional plot arguments

Details

See Chapter 2: Visualization.

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stalac *Stalactite plot*

Description

The stalactite plot, specifically designed for the detection and identification of multivariate outliers.

Usage

```
stalac(x)
```

Arguments

x   numeric vector

Details

See Chapter 2: Visualization.

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