Package 'PlotContour'

Type Package

Title Plot Contour Line

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Description This function plots a contour line with a user-defined probability and tightness of fit.

License GPL-2

Encoding UTF-8

LazyData true

NeedsCompilation no

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PlotContour	*PlotContour*

Description

This function plots a contour line with a user-defined probability and tightness of fit on an existing plot.

Usage

```
PlotContour(Data, Probability, BandWidthX,BandWidthY,Colour)
```

Arguments

`Data`	An n by 2 matrix of data points around which the contour will be drawn.
`Probability`	The proportion of points which should be within the contour line drawn.
`BandWidthX`	The tightness of fit of the contour line along the x-axis. This value will be proportional to the scale of the axis.
`BandWidthY`	The tightness of fit of the contour line along the y-axis. This value will be proportional to the scale of the axis.
`Colour`	Colour of the line to be drawn.

Author(s)

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Examples

```
#Plot a regular scatter plot
plot(iris$Sepal.Length,iris$Sepal.Width)

#Plot a contour line encompassing 75% of the points
PlotContour(iris[,1:2],0.75,0.5,0.25,"red")
```

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