Package 'auto.pca'

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Type Package

Version 0.3

Title Automatic Variable Reduction Using Principal Component Analysis

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Description PCA done by eigenvalue decomposition of a data correlation matrix, here it automatically determines the number of factors by eigenvalue greater than 1 and it gives the uncorrelated variables based on the rotated component scores, Such that in each principal component variable which has the high variance are selected. It will be useful for non-statisticians in selection of variables. For more information, see the <http://www.ijcem.org/papers032013/ijcem_032013_06.pdf> web page.

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LazyData TRUE

Imports psych,plyr

Suggests knitr

NeedsCompilation no

Repository CRAN

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R topics documented:

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auto.pca   *Automatic Variable Reduction Using Principal Component Analysis*

Description

Prints the uncorrelated variables from the input dataframe

Usage

```
auto.pca(input_data)
```

Arguments

input_data   dataframe without ID Variables & Categorical Variables

Examples

```
auto.pca(attitude)
```

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