Package 'easyAHP'

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Type Package

Title Analytic Hierarchy Process (AHP)

Version 0.1.1

Author Zhicheng Du, Yuantao Hao

Maintainer Zhicheng Du<dgdzc@hotmail.com>

Description
Given the scores from decision makers, the analytic hierarchy process can be conducted easily.

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Encoding UTF-8

LazyData true

NeedsCompilation no

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`easyAHP` *Analytic Hierarchy Process (AHP)*

Description

Given the scores from decision makers, the analytic hierarchy process can be conducted easily.

Usage

```
easyAHP(data)
```

Arguments

data	a data frame consisted of the scores from decision makers; each row represents each item; no more than 10 items is allowed; each column represents each decision maker; no more than 20 makers is allowed; each item would be graded 1-9 score by each meker

Value

Matrix	decision matrix of each decidion maker and the consolidated
Weights	item weights of each decidion maker and the consolidated
CI	consistency index of each decidion maker and the consolidated; being used to calculate the next item (CR)
CR	consistency ratio of each decidion maker and the consolidated; value<0.1 is acceptable, otherwise we should ask the makers to grade once more time

Note

Please feel free to contact us, if you have any advice and find any bug!

Reference:

1. http://bpmsg.com/

Update:

Version 0.1.1: the explaination in the 'value' section is corrected; the value of 'CR' less than 0.1 is acceptable

More advanced performance is coming!

Author(s)

Zhicheng Du<dgdzc@hotmail.com>, Yuantao Hao<haoyt@mail.sysu.edu.cn>

Examples

```
data=data.frame(maker1=c(6,8,1,3),maker2=c(6,8,2,3))
row.names(data)=c("item1","item2","item3","item4")
easyAHP(data)
```

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