

Package ‘easyAHP’

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Type Package

Title Analytic Hierarchy Process (AHP)

Version 0.1.1

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Description

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

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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 decision maker and the consolidated
Weights item weights of each decision maker and the consolidated
CI consistency index of each decision maker and the consolidated; being used to calculate the next item (CR)
CR consistency ratio of each decision 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 explanation in the 'value' section is corrected; the value of 'CR' less than 0.1 is acceptable

More advanced performance is coming!

Author(s)

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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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