Package ‘sapevom’

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Author Raquel Coutinho [aut, cre],
Marcos dos Santos [aut]
Maintainer Raquel Coutinho <rdouradocoutinho@gmail.com>
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**SAPEVO-M**

Description

Implements SAPEVO-M method

Usage

`sapevom(criteriaEvaluations, alternativesEvaluations)`

Arguments

- `criteriaEvaluations`: a list of matrices with pairwise comparison of criteria, one matrix for each decision.
- `alternativesEvaluations`: a list of lists of matrices with pairwise comparison of alternatives, one list for each criterion containing one matrix for each decision.

Details

Criteria and alternatives must be in the same order on all the matrices. Define row names for all matrices, like on documentation example, to have a more understandable output. The pairwise comparisons must be made with a scale of seven values, from -3 to 3, to represent the preferences.

Value

A vector with criteria weights and a dataframe with SAPEVO-M results.

Author(s)

Raquel Coutinho <rdouradocoutinho@gmail.com>, Marcos do Santos <marcosdossantos@ime.eb.br>

References


Examples

```r
criteria<- c("C1", "C2", "C3")
alternatives<- c("A1", "A2", "A3")

listofmatrices<-list(matrix(c(0,1,1,-1,0,0,-1,0,0),
byrow=TRUE, ncol=3, dimnames=list(criteria)),
matrix(c(0,2,1,-2,0,1,-1,-1,0),
byrow=TRUE, ncol=3, dimnames=list(criteria)))
```
```r
sapevom(criteriaEvaluations = listofmatrices, alternativesEvaluations = listoflistofmatrices)
```
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