

Package ‘jScore’

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Type Package

Title Calculates the j-Score Between Two Clustering Assignments

Version 0.1.0

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Description The jscore() function in the package calculates the J-Score metric between two clustering assignments. The score is designed to address some problems with existing common metrics such as problem of matching. The details of J-score is described in Ahmadinejad and Liu. (2021) <[arXiv:2109.01306](https://arxiv.org/abs/2109.01306)>.

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Encoding UTF-8

RoxygenNote 7.1.1

URL <https://github.com/liliulab/jscore>

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

NeedsCompilation no

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jscore

jscore

Description

Calculates the j-score between two clustering assignment.

Usage

```
jscore(truth, pred)
```

Arguments

| | |
|-------|---|
| truth | A numeric vector of truth class labels. |
| pred | A numeric vector of predicted class labels. |

Value

Returns the j-score of the clustering assignment.

Examples

```
truth=c(1,1,1,1,1,2,2,2,2,2,3,3,3,3,3)
pred= c(1,1,1,2,2,2,3,3,3,4,4,4,5,5,5)
jscore(truth, pred)
```

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