Package 'jScore'

October 13, 2022

Type Package

Title Calculates the j-Score Between Two Clustering Assignments

Version 0.1.0

Maintainer Navid Ahmadinejad <navidfr@asu.edu>

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>.

License MIT + file LICENSE

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

Author Navid Ahmadinejad [cre, aut],
Li Liu [aut]

Repository CRAN

Date/Publication 2021-09-17 08:00:02 UTC

R topics documented:

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)
```

Index

jscore, 2