Package 'dists'

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Type Package

Title What the Package Does (Title Case)

Version 0.1.0

Author Who wrote it

Maintainer The package maintainer <yourself@somewhere.net>

Description More about what it does (maybe more than one line)
Use four spaces when indenting paragraphs within the Description.

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Imports clusterlab, dplyr, ggplot2, magrittr, tibble, tidyr

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Suggests knitr, rmarkdown, testthat (¿= 2.1.0)

VignetteBuilder knitr

R topics documented:

`distance` *Distance*

Description

Distance

Usage

```
distance(data, distance = "euc")
```

Arguments

distance	the three-letters name of the distance function chosen to calculate the distance between the objects of the dataset. Codes: - Manhattan distance (man): - Euclidean distance (euc): - Chebyshev distance (che):

Value

A matrix containing the distance between all the objects of the dataset calculating with the chosen distance function.

`distanceBetween` *Calculates the distance between two vector of the same length using the chosen distance function.*

Description

Calculates the distance between two vector of the same length using the chosen distance function.

Usage

```
distanceBetween(x, y, distance = "euc")
```

Arguments

x	first vector
y	second vector
distance	distance function used to calculate the distance between the vectors.

Value

A positive number that is the distance between the two vectors

Examples

```
# Uses the default distance function: Euclidean distance
distanceBetween(c(1, 2, 3), c(3, 2, 1))
```

`getCodeDistance` *Get the code of a distance function*

Description

Get the code of a distance function

Usage

```
getCodeDistance(distanceName)
```

Arguments

`distanceName`	Identifier of the distance function using a string of lower case letters of three characters

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`hello` *Hello, World!*

Description

Prints 'Hello, world!'.

Usage

```
hello()
```

Examples

```
hello()
```

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