

Package ‘rwstats’

December 18, 2019

Title Chinese Character Frequency in Real World

Version 0.1

Description It contains Chinese character frequency data based on news data from 2017 to 2019. Source of these news include Sina, China daily and Tencent.

Depends R (>= 3.3.2)

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Encoding UTF-8

LazyData true

RoxygenNote 7.0.1

NeedsCompilation no

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Repository CRAN

Date/Publication 2019-12-18 12:20:02 UTC

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fiveChar *Chinese Word Frequency with five Characters*

Description

This dataframe includes the usage frequency and occurrence of Chinese word

Usage

fiveChar

Format

A data frame with 3 variables:

character target character

freq occurrence of target character

pct frequency of target character

Examples

fiveChar

fourChar *Chinese Word Frequency with four Characters*

Description

This dataframe includes the usage frequency and occurrence of Chinese word

Usage

fourChar

Format

A data frame with 3 variables:

character target character

freq occurrence of target character

pct frequency of target character

Examples

fourChar

oneChar	<i>Chinese Word Frequency with one Character</i>
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Description

This dataframe includes the usage frequency and occurrence of Chinese word

Usage

oneChar

Format

A data frame with 3 variables:

character target character

freq occurrence of target character

pct frequency of target character

Examples

oneChar

threeChar	<i>Chinese Word Frequency with three Characters</i>
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Description

This dataframe includes the usage frequency and occurrence of Chinese word

Usage

threeChar

Format

A data frame with 3 variables:

character target character

freq occurrence of target character

pct frequency of target character

Examples

threeChar

twoChar

Chinese Word Frequency with two Characters

Description

This dataframe includes the usage frequency and occurrence of Chinese word

Usage

```
twoChar
```

Format

A data frame with 3 variables:

character target character

freq occurrence of target character

pct frequency of target character

Examples

```
twoChar
```

wordMiner.next

Occurrence and frequency of the next word

Description

This is a function that lists the next word appearing frequency by a given chinese character based on real world chinese character frequency Statistics table.

Usage

```
wordMiner.next(candidateWord, topN = 10)
```

Arguments

candidateWord A single Chinese character

topN The number of rows of output dataframe

Value

A dataframe containing the next word and its occurrence and frequency

Examples

```
## Not run:
wordMiner.next(strsplit(levels(twoChar$character)[988], "")[[1]][1])
wordMiner.next(strsplit(levels(twoChar$character)[988], "")[[1]][2], 20)

## End(Not run)
```

wordMiner.previous	<i>Occurrence and frequency of the previous word</i>
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Description

This is a function that lists the previous word appearing frequency by a given chinese character based on real world chinese character frequency Statistics table.

Usage

```
wordMiner.previous(candidateWord, topN = 10)
```

Arguments

candidateWord	A single Chinese character
topN	The number of rows of output dataframe

Value

A dataframe containing the previous word and its occurrence and frequency

Examples

```
## Not run:
wordMiner.previous(strsplit(levels(twoChar$character)[988], "")[[1]][1])
wordMiner.previous(strsplit(levels(twoChar$character)[988], "")[[1]][2], 20)

## End(Not run)
```

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