

Package ‘lexiconPT’

October 24, 2017

Type Package

Title Lexicons for Portuguese Text Analysis

Version 0.1.0

Description Provides easy access for sentiment lexicons for those who want to do text analysis in Portuguese texts.

As of now, two Portuguese lexicons are available: 'SentiLex-PT02' and 'OpLexicon' (v2.1 and v3.0).

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Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Depends R(>= 2.10.0)

NeedsCompilation no

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get_word_sentiment *get_word_sentiment*

Description

Lookup word or term in datasets available on lexiconPT

Usage

```
get_word_sentiment(word)
```

Arguments

word character.

Value

A list of all datasets available on lexiconPT filtered by the inputted word.

Examples

```
{  
  get_word_sentiment("cantar")  
}
```

oplexicon_v2.1 *OpLexicon V2.1*

Description

OpLexicon is a sentiment lexicon for the Portuguese language. Please see SOUZA and VIEIRA (2012) and SOUZA et al. (2012) for its complete reference and documentation.

Usage

```
oplexicon_v2.1
```

Format

A data frame with 30677 rows and 3 variables:

term character. The word or term.

type character. Grammar classification of the word or term.

polarity integer. Numeric classification of the polarity or sentiment. It can only assume the values of -1, 0, and 1

Source

<http://ontolp.inf.pucrs.br/Recursos/downloads-OpLexicon.php>

oplexicon_v3.0

OpLexicon V3.0

Description

OpLexicon is a sentiment lexicon for the Portuguese language. Please see SOUZA and VIEIRA (2012) and SOUZA et al. (2012) for its complete reference and documentation.

Usage

oplexicon_v3.0

Format

A data frame with 32191 rows and 4 variables:

term character. The word of term. It also includes emoticons.

type character. The type of the term.

polarity integer. Numeric classification of the polarity or sentiment.

polarity_revision character. Was the polarity obtained manually (A) or automatically (C)?

Source

<http://ontolp.inf.pucrs.br/Recursos/downloads-OpLexicon.php>

sentiLex_lem_PT02

SentiLex-PT02

Description

A sentiment lexicon designed for the extraction of sentiment and opinion about human entities in Portuguese texts. Please see SILVA, CARVALHO, COSTA and SARMENTO (2010) for its complete reference and documentation.

Usage

sentiLex_lem_PT02

Format

A data frame with 7014 rows and 5 variables:

`term` character The word of term.

`grammar_category` character. The grammar classification of the term.

`polarity` double. Numeric classification of the polarity or sentiment.

`polarity_target` character. Polarity target. It can be N0 (subject), N1 (complement) or N2 (no documentation was found for what it means).

`polarity_classification` character. Was the polarity obtained manually (MAN) or automatically (JALC)?.

Source

Mário J. Silva, Paula Carvalho, Carlos Costa, Luís Sarmiento, Automatic Expansion of a Social Judgment Lexicon for Sentiment Analysis Technical Report. TR 10-08. University of Lisbon, Faculty of Sciences, LASIGE, December 2010. doi: 10455/6694

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