

# Package ‘lexiconPT’

October 13, 2022

**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).

**License** GPL-2 | file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.0.1

**Depends** R(>= 2.10.0)

**NeedsCompilation** no

**Author** Sillas Gonzaga [aut, cre]

**Maintainer** Sillas Gonzaga <sillas.gonzaga@gmail.com>

**Repository** CRAN

**Date/Publication** 2017-10-24 10:24:58 UTC

## R topics documented:

get_word_sentiment . . . . .	2
oplexicon_v2.1 . . . . .	2
oplexicon_v3.0 . . . . .	3
sentiLex_lem_PT02 . . . . .	3

<b>Index</b>	<b>5</b>
--------------	----------

---

`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	<i>OpLexicon V3.0</i>
----------------	-----------------------

---

**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	<i>SentiLex-PT02</i>
-------------------	----------------------

---

**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

# Index

## \* datasets

oplexicon\_v2.1, [2](#)

oplexicon\_v3.0, [3](#)

sentiLex\_lem\_PT02, [3](#)

get\_word\_sentiment, [2](#)

oplexicon\_v2.1, [2](#)

oplexicon\_v3.0, [3](#)

sentiLex\_lem\_PT02, [3](#)