Package 'PresidentialDebate2012'

January 8, 2020

Title Analysis of the 2012 USA Presidential Debates

Version 0.0.0.9005

Description Contains the words spoken during the 2012 USA Presidential Debates along with an analysis of word occurence across the debates. There were a total of three debates and each debate had it's own moderator.

License GPL-2 | GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Depends R (>= 3.0.0)

Imports dplyr, ggplot2, tidytext, ggthemes, stats, utils

Suggests knitr,
rmarkdown

VignetteBuilder knitr

R topics documented:

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debate_data   *Presidential Debates Data.*

Description

The full, unfiltered data for the 2012 Presidential Debates. OBAMA and ROMNEY were the two presidential candidates and were present at each of the three debates. CROWLEY, LEHRER and SCHIEFFER were the moderators, each debate had a different moderator. QUESTION represents a question that has been asked by a member of the public.

Usage

```
debate_data
```

Format

A data.frame with 2912 rows and 3 columns:

person The surname of the person speaking.

dialogue Words spoken during this turn.

turn A new turn is considered to start when a new person starts talking or the current speaker starts a new sentence.

Source

Plymouth University, 2019

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word_percentage_data   *Subset of the full data set that has been subject to further analysis.*

Description

List of words that can be used as valid parameters in this packages 'word_usage_function'. This data is a subset of the 'debate_data' and has been filtered to remove structural words such as 'the', 'of', 'etc'.

Usage

```
word_percentage_data
```

Format

A data.frame with 12201 rows and 4 columns:

turn The turn in which the subject word was spoken.

word The word being analysed.

count The number of times the word was used within this turn.

percentage The count expressed as a percentage of all the words spoken within this turn.

Source

Plymouth University, 2019

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word_usage	*Plots the usage of specific words across the three debates.*

Description

Generates a facet wrap of plots, one for each of the words supplied by the parameter vector. Each plot shows the subject word's usage for each turn of the Presidential debates as a percentage of all words spoken within that turn. Regression lines and confidence intervals are also provided along with vertical dotted lines that mark the start of each indvidual debate. To help create parameter vectors the full list of accepted words is supplied as 'word_percentage_data' and comes with this package.

Usage

```
word_usage(words)
```

Arguments

words   A character vector of words from the 'word_percentage_data' data set.

Author(s)

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Examples

```
words <- c("war", "china", "economy")
word_usage(words)
```

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