Package ‘politicaldata’

June 17, 2019

Type Package

Title Tools for Acquiring and Analyzing Political Data

Version 0.1.3

Description Provides useful functions for obtaining commonly-used data in political analysis and political science, including from sources such as the Comparative Agendas Project <https://www.comparativeagendas.net>, which provides data on politics and policy from 20+ countries, the MIT Election and Data Science Lab <https://www.electionlab.mit.edu>, and FiveThirtyEight <https://www.FiveThirtyEight.com>.

License MIT + file LICENSE

BugReports https://github.com/elliottmorris/politicaldata/issues

Encoding UTF-8

LazyData true

Imports utils

Suggests testthat, dplyr, magrittr, tidyr, ggplot2

Depends R (>= 2.10)

RoxygenNote 6.1.1

NeedsCompilation no

Author G. Elliott Morris [aut, cre],
Comparative Agendas Project [cph],
MIT Election and Data Science Lab [cph],
FiveThirtyEight.com [cph]

Maintainer G. Elliott Morris <elliott@thecrosstab.com>

Repository CRAN

Date/Publication 2019-06-17 08:50:03 UTC

R topics documented:

  cap_get_mip .......................................................... 2
  cap_major_topics ..................................................... 3
**Description**

From CAP: > This dataset contains responses to Gallup’s Most Important Problem question aggregated at the annual level and coded by major topic. Years with missing observations (1953/1955) are those in which there were no corresponding MIP data available. Contact us for quarterly MIP data if needed.

**Usage**

```r
cap_get_mip(min_year = NULL, max_year = NULL)
```

**Arguments**

- `min_year` Returns data starting at this year
- `max_year` Returns data up to this year

**Value**

a data.frame of CAP’s most important problem data

**See Also**

The master codebook and datasets at https://www.comparativeagendas.net/datasets_codebooks
Examples

# pull the Most Important Problem data for every year since 1980
mip <- cap_get_mip(min_year = 1980)

# pull the MIP data for every year between 1950 and 1970
mip <- cap_get_mip(min_year = 1950, max_year = 1970)

# pull the MIP Data for every year until 2010
mip <- cap_get_mip(max_year = 2010)

cap_major_topics  

Description

Major topic codes from the Comparative Agendas Project

Usage

data(cap_major_topics)

Format

An object of class data.frame with 21 rows and 2 columns.

Source

See for more: https://www.comparativeagendas.net/datasets_codebooks

cap_subtopics  

Description

Subtopic codes from the Comparative Agendas Project

Usage

data(cap_subtopics)

Format

An object of class data.frame with 213 rows and 3 columns.
get_house_nominate

Source
See for more: https://www.comparativeagendas.net/datasets_codebooks

get_house_nominate  Get DW-nominate Scores for members of the U.S. House

Description
Returns a dataset of nominate scores for House members of the the specified congress, available otherwise at VoteView.com.

Usage
get_house_nominate(congress = "ALL")

Arguments
congress  Number for the congress you’re interested in. Defaults to "ALL” to get the most recent scores for every congress.

Value
a data frame containing the relevant legislator names and DW-nominate scores, as well as other information made available by VoteView

See Also
https://voteview.com/data

Examples

# get the scores for the 116th (2019-2021) congress
house <- get_house_nominate(congress=116)

# returned as a data frame
house
**get_senate_nominate**  
*Get DW-nominate Scores for members of the U.S. Senate*

**Description**

Returns a dataset of nominate scores for Senate members of the the specified congress, available otherwise at VoteView.com.

**Usage**

```r
get_senate_nominate(congress = "ALL")
```

**Arguments**

- `congress`  
  Number for the congress you’re interested in. Defaults to "ALL" to get the most recent scores for every congress.

**Value**

A data frame containing the relevant legislator names and DW-nominate scores, as well as other information made available by VoteView.

**See Also**

- [https://voteview.com/data](https://voteview.com/data)

**Examples**

```r
# get the scores for the 116th (2019-2021) congress
senate <- get_senate_nominate(congress=116)

# returned as a data frame
senate
```

---

**house_116**  
*DW-NOMINATE scores for the 116th House*

**Description**

Data for: - house_116: the result of calling `get_house_nominate(congress=116)`
Usage
data(house_116)

Format
An object of class data.frame with 434 rows and 22 columns.

---

house_results  
US House election results from 1976 to 2018

Description
US House election results from 1976 to 2018

Usage
data(house_results)

Format
An object of class data.frame with 9557 rows and 7 columns.

Source
See for more: https://electionlab.mit.edu and official sites

---

pres_results  

Description

Usage
data(pres_results)

Format
An object of class data.frame with 561 rows and 6 columns.

Source
See for more: https://electionlab.mit.edu and official sites
Presidential election by congressional district

Description

Presidential election by congressional district

Usage

data(pres_results_by_cd)

Format

An object of class data.frame with 4201 rows and 7 columns.

Source

See for more: https://www.thealmanacofamericanpolitics.com

---

DW-NOMINATE scores for the Senators of the 116th Congress

Description

Data for: - senate_116: the result of calling `get_senate_nominate(congress=116)`

Usage

data(senate_116)

Format

An object of class data.frame with 100 rows and 22 columns.
trump_approval_polls_538

Download FiveThirtyEight’s dataset of Donald Trump’s job approval polling

Description

Returns a data.frame of individual polls aggregated by FiveThirtyEight

Usage

trump_approval_polls_538(subgroup = "All polls")

Arguments

subgroup Filters the dataset to the polled population, either 'Adults', 'All polls', or 'Vot- ers'. Defaults to 'All polls'

Value

a data.frame of individual polls aggregated by FiveThirtyEight

See Also


Examples

# get all polls
polls <- trump_approval_polls_538(subgroup='Adults')

# returned as a data.frame
polls
us_pres_polls_history

Every presidential general election poll from 1980 through 2016

Description

Every presidential general election poll from 1980 through 2016

Usage

data(us_pres_polls_history)

Format

An object of class data.frame with 3586 rows and 10 columns.
Index

*Topic datasets
  cap_major_topics, 3
  cap_subtopics, 3
  house_116, 5
  house_results, 6
  pres_results, 6
  pres_results_by_cd, 7
  senate_116, 7
  us_pres_polls_history, 9

  cap_get_mip, 2
  cap_major_topics, 3
  cap_subtopics, 3

  get_house_nominate, 4
  get_senate_nominate, 5

  house_116, 5
  house_results, 6

  pres_results, 6
  pres_results_by_cd, 7

  senate_116, 7

  trump_approval_polls_538, 8

  us_pres_polls_history, 9