

states data

```
load(file="states_data.RData")
```

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```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5    v purrr  0.3.4
## v tibble  3.1.5    v dplyr  1.0.7
## v tidyr   1.1.4    v stringr 1.4.0
## v readr   2.1.1    v forcats 0.5.1
```

```
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
```

```
states_data
```

```
## # A tibble: 51 x 93
## # Rowwise:  state
##   state      biden_votes_2020 trump_votes_2020 other_votes_2020 clinton_votes_2~
##   <chr>          <int>          <int>          <int>          <int>
## 1 Alabama          849624          1441170          7312          729547
## 2 Alaska           153778          189951           6904          116454
## 3 Arizona          1672143          1661686           2032          1161167
## 4 Arkansas          423932           760647           21357          380494
## 5 Californ~       11110250          6006429          196307          8753788
## 6 Colorado          1804352          1364607           58561          1338870
## 7 Connecti~       1080831           714717            8079          897572
## 8 Delaware          296268           200603            2475          235603
## 9 District~        317323           18586             6411          282830
## 10 Florida          5297045          5668731           31356          4504975
## # ... with 41 more rows, and 88 more variables: other_2016 <int>,
## #   cases_jan_2020 <dbl>, cases_feb_2020 <dbl>, cases_mar_2020 <dbl>,
## #   cases_apr_2020 <dbl>, cases_may_2020 <dbl>, cases_jun_2020 <dbl>,
## #   cases_jul_2020 <dbl>, cases_aug_2020 <dbl>, cases_sep_2020 <dbl>,
## #   cases_oct_2020 <dbl>, cases_nov_2020 <dbl>, cases_dec_2020 <dbl>,
## #   cases_jan_2021 <dbl>, cases_feb_2021 <dbl>, cases_mar_2021 <dbl>,
## #   cases_apr_2021 <dbl>, cases_may_2021 <dbl>, cases_jun_2021 <dbl>, ...
```

Dataset consists of observations on 50 States plus District of Columbia on the following measures:

columns in the dataset:

state: name of US State

vote totals presidential elections

Source: MIT Election Data and Science Lab, “County Presidential Election Returns 2000-2020”, <https://doi.org/10.7910/DVN/VOQCHQ>

trump_votes_2016: each the vote totals for each candidate or all others combined.

clinton_votes_2016:

other_votes_2016 :

trump_votes_2020 :

biden_votes_2020 :

other_votes_2020 :

COVID cases and deaths

Source: The New York Times. (2021). <https://github.com/nytimes/covid-19-data>

cases_2020 : COVID total cases for 2020

cases_jan_2020 to cases_oct_2021 : cumulative COVID case counts by month

vax_dec_2020 to vax_oct_2021 : cumulative vaccination counts per month (all ages)

deaths_jan_2020 to deaths_oct_2021: cumulative COVID attributed deaths by month

deaths_pc_jun_2020: per capita (10,000 people) COVID deaths by June 2020

COVID shutdown

Source: Ballotpedia.org. [https://ballotpedia.org/States_that_issued_lockdown_and_stay-at-home_orders_in_response_to_the_coronavirus_\(COVID-19\)_pandemic,_2020](https://ballotpedia.org/States_that_issued_lockdown_and_stay-at-home_orders_in_response_to_the_coronavirus_(COVID-19)_pandemic,_2020)

stay_begin: date of beginning stay at home order

stay_end: date of ending of stay at home order

shutdown_date_range: date length of State stay at home order

shutdown_length: length of State stay at home order in numeric number of days

demographics

US Census Bureau, <https://www.census.gov/data.html> And American Community Survey 5-year estimate 2018.

total_population_2010 : State population from 2010 decennial US Census, US Census Bureau

total_population_est_2019 : estimated population in 2019, 1-year estimate, US Census Bureau.

census_fips_code: numeric code for State

economics

Source: Bureau of Economic Analysis. Annual GDP, personal income, and employment by State: <https://apps.bea.gov/itable/itable.cfm?ReqID=70&step=1>.

q1_gdp_2020 : percentage change in GDP from Q4 2019 to Q1 2020

q2_gdp_2020 : percentage change in GDP from Q1 2020 to Q2 2020

q3_gdp_2020 : percentage change in GDP from Q2 2020 to Q3 2020

q4_gdp_2020 : percentage change in GDP from Q3 2020 to Q4 2020

pc_income_2020 : State per capita income in 2020

oct_2020_unemployed : proportion of population unemployed in October 2020

public health

drug_alc_deaths_2019 : number of deaths attributed to drug or alcohol overdose in 2019. Source: Centers for Disease Control and Prevention, National Center for Health Statistics. <http://wonder.cdc.gov/ucd-icd10.html>

policy liberalism and public opinion mass liberalism

Source: Caughey, Devin; Warshaw, Christopher, 2017, “caughey_warshaw_summary.tab”, Replication Data for: Policy Preferences and Policy Change: Dynamic Responsiveness in the American States, 1936–2014, <https://doi.org/10.7910/DVN/K3QWZW/5DVZFO>, Harvard Dataverse, V2, UNF:6:gclIUlb4vZOuKOkJEYoI9g== [fileUNF]

state_social_liberalism_policy: index of social policy liberalism 2014, higher scores more liberal

state_econ_liberalism_policy: index of economic policy liberalism 2014, higher scores more liberal

mass_social_liberalism_policy: index of mass social liberalism 2014, higher scores more liberal

mass_econ_liberalism_policy: index of mass economic liberalism 2014, higher scores more liberal

legislature characteristics

percent_women_legislature: percent of women in the State legislature. Source: Center for American Women and Politics, Eagleton Institute of Politics, & Rutgers, The State University of New Jersey (Eds.). (2021, June 24). Women in State Legislatures 2021. Cawp. <https://cawp.rutgers.edu/women-state-legislature-2021>.