

marshallproj

PhiPrime

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This file is created to briefly explore data from **The Marshall Project on incarcerated people's political views**

The following list is the variable names of the data

```
## [1] "age"
## [2] "identifies_as_man"
## [3] "identifies_as_woman"
## [4] "identifies_as_hispanic_or_latinx"
## [5] "identifies_as_black"
## [6] "identifies_as_white"
## [7] "highest_education_level"
## [8] "length_in_this_facility"
## [9] "state"
## [10] "party"
## [11] "how_often_discuss_politics"
## [12] "how_get_news"
## [13] "ever_voted"
## [14] "direction_country_headed"
## [15] "how_often_officials_acting_in_your_interest"
## [16] "which_party_for_cj_reform"
## [17] "stance_on_assault_weapons_ban"
## [18] "stance_on_marijuana_legalization"
## [19] "stance_on_tightening_border_security"
## [20] "stance_on_raise_min_wage"
## [21] "race_affects_politics"
## [22] "should_incarcerated_vote"
## [23] "incarceration_impacts_motivation_to_vote"
## [24] "politics_changed_since_incarcerated"
## [25] "cj_important_issue_eliminating_mandatory_mins"
## [26] "cj_important_issue_reducing_racial_bias"
## [27] "cj_important_issue_abolishing_death_penalty"
## [28] "cj_important_issue_lowering_incarceration_rates_rural_communities"
## [29] "cj_important_issue_improving_prison_conds"
## [30] "cj_important_issue_restoring_voting_rights"
## [31] "cj_important_issue_reducing_prison_pop"
## [32] "cj_important_issue_ending_war_on_drugs"
## [33] "cj_important_issue_ending_private_prisons"
## [34] "cj_important_issue_lowering_sentences_violent_crimes"
## [35] "cj_important_issue_raising_wages_incarcerated_workers"
## [36] "who_vote_for"
## [37] "approve_disapprove_trump"
```

A lot of these variables seem to possibly be either discrete or continuous so we'll now look at the unique

responses for each variable.

```
## $age
## [1] NA          "35 or younger" "36 or older"
##
## $identifies_as_man
## [1] FALSE  NA  TRUE
##
## $identifies_as_woman
## [1] FALSE  NA  TRUE
##
## $identifies_as_hispanic_or_latinx
## [1] FALSE  NA  TRUE
##
## $identifies_as_black
## [1] FALSE  NA  TRUE
##
## $identifies_as_white
## [1] FALSE  NA  TRUE
##
## $highest_education_level
## [1] NA
## [2] "High school or GED or less"
## [3] "Trade/technical/vocational training, Associate degree, college degree, or more"
##
## $length_in_this_facility
## [1] NA          "10 years or less" "Over 10 years"
##
## $state
## [1] NA  "AR" "CA" "IL" "KS" "MT" "ME"
##
## $party
## [1] NA          "Other"          "The Democratic party"
## [4] "The Republican party" "Independent"
##
## $how_often_discuss_politics
## [1] "Occasionally" "Never"          "Rarely"          "Frequently"
## [5] "Very Frequently" NA
##
## $how_get_news
## [1] "Local TV news"
## [2] "Word of mouth"
## [3] "Local radio"
## [4] "National public radio"
## [5] NA
## [6] "Newspapers"
## [7] "Cable news"
## [8] "Do not have access to news"
## [9] "Do not read / watch / listen to the news"
## [10] "Newspapers, Local TV news"
## [11] "Local radio, National public radio, Local TV news"
## [12] "Local radio, Local TV news, Cable news"
## [13] "Newspapers, Local TV news, Word of mouth"
## [14] "Local radio, Local TV news"
```

```

## [15] "Newspapers, Cable news"
## [16] "Local TV news, Word of mouth"
## [17] "Newspapers, Local TV news, Cable news"
## [18] "Newspapers, Local radio, National public radio, Local TV news, Cable news"
## [19] "Local TV news, Cable news"
## [20] "Newspapers, National public radio, Local TV news"
## [21] "Newspapers, National public radio, Word of mouth"
## [22] "Local TV radio"
## [23] "Local radio, Word of mouth"
## [24] "Newspapers, Local radio, Cable news"
## [25] "Newspapers, Local radio, Local TV news"
## [26] "Do not read/watch/listen to news"
## [27] "Local radio, National public radio, Local TV news, Cable news"
## [28] "Newspapers, Cable news, Word of mouth"
## [29] "Newspapers, Local radio"
## [30] "Newspapers, Local radio, National public radio, Local TV news"
## [31] "Newspapers, Local radio, National public radio, Local TV news, Cable news, Word of mouth"
## [32] "Newspapers, Local radio, Local TV news, Word of mouth"
## [33] "Newspapers, National public radio, Local TV news, Cable news"
## [34] "Newspapers, Local TV news, Cable news, Word of mouth"
## [35] "Newspapers, National public radio"
## [36] "Newspapers, Local radio, National public radio, Local TV news, Word of mouth"
## [37] "National public radio, Cable news, Word of mouth"
## [38] "National public radio, Local TV news"
## [39] "Word of mouth, Do not have access to news"
## [40] "Local radio, Cable news"
## [41] "Newspapers, Local radio, Local TV news, Cable news"
## [42] "Local radio, Local TV news, Word of mouth"
## [43] "National public radio, Local TV news, Word of mouth"
## [44] "Local radio, National public radio, Local TV news, Cable news, Word of mouth"
## [45] "Local TV news, Cable news, Word of mouth"
## [46] "Cable news, Word of mouth"
## [47] "Newspapers, National public radio, Local TV news, Word of mouth"
## [48] "Newspapers, Local radio, National public radio, Cable news"
## [49] "Newspapers, Local radio, National public radio"
## [50] "Local radio, National public radio"
## [51] "Newspapers, Word of mouth"
## [52] "Local radio, National public radio, Local TV news, Word of mouth, Do not have access to news"
## [53] "Newspapers, National public radio, Local TV news, Cable news, Word of mouth"
## [54] "Local radio, National public radio, Cable news"
## [55] "Newspapers, Local radio, Word of mouth"
## [56] "Local radio, National public radio, Local TV news, Word of mouth"
## [57] "Newspapers, Local radio, National public radio, Local TV news, Word of mouth, Do not read/watch"
## [58] "Newspapers, National public radio, Cable news"
## [59] "Newspapers, Local radio, Local TV news, Cable news, Word of mouth"
## [60] "National public radio, Local TV news, Cable news, Word of mouth"
##
## $ever_voted
## [1] "Yes" "No"  NA
##
## $direction_country_headed
## [1] "No opinion"      "Wrong track"    NA              "In between"
## [5] "Right direction"
##

```

```

## $show_often_officials_acting_in_your_interest
## [1] "Sometimes" NA
## [3] "Rarely" "Always"
## [5] "Don't know / No opinion" "Never"
## [7] "Very often"
##
## $which_party_for_cj_reform
## [1] "Democrats" NA
## [3] "Don't know / No opinion" "Neither is committed"
## [5] "Republicans" "They're equally committed"
##
## $stance_on_assault_weapons_ban
## [1] "Undecided" NA "Support" "Strongly oppose"
## [5] "Oppose" "Strongly support"
##
## $stance_on_marijuana_legalization
## [1] "Strongly support" NA "Undecided" "Support"
## [5] "Strongly oppose" "Oppose"
##
## $stance_on_tightening_border_security
## [1] "Undecided" NA "Support" "Oppose"
## [5] "Strongly oppose" "Strongly support"
##
## $stance_on_raise_min_wage
## [1] "Strongly support" NA "Support" "Undecided"
## [5] "Oppose" "Strongly oppose"
##
## $race_affects_politics
## [1] NA "Not sure" "Somewhat" "A great deal" "Not at all"
##
## $should_incarcerated_vote
## [1] NA "Yes"
## [3] "Don't know / No opinion" "No"
##
## $incarceration_impacts_motivation_to_vote
## [1] NA
## [2] "Slightly increased my motivation to vote"
## [3] "Increased my motivation to vote"
## [4] "Slightly decreased my motivation to vote"
## [5] "No impact"
## [6] "Decreased my motivation to vote"
##
## $politics_changed_since_incarcerated
## [1] NA "Yes" "No"
##
## $cj_important_issue_eliminating_mandatory_mins
## [1] 0 1
##
## $cj_important_issue_reducing_racial_bias
## [1] 0 1
##
## $cj_important_issue_abolishing_death_penalty
## [1] 0 1
##

```

```
## $cj_important_issue_lowering_incarceration_rates_rural_communities
## [1] 0 1
##
## $cj_important_issue_improving_prison_conds
## [1] 0 1
##
## $cj_important_issue_restoring_voting_rights
## [1] 0 1
##
## $cj_important_issue_reducing_prison_pop
## [1] 0 1
##
## $cj_important_issue_ending_war_on_drugs
## [1] 0 1
##
## $cj_important_issue_ending_private_prisons
## [1] 0 1
##
## $cj_important_issue_lowering_sentences_violent_crimes
## [1] 0 1
##
## $cj_important_issue_raising_wages_incarcerated_workers
## [1] 0 1
##
## $who_vote_for
## [1] NA "Donald Trump"
## [3] "Cory Booker" "Julian Castro"
## [5] "Don't Know / Would not vote" "Bernie Sanders"
## [7] "Tom Steyer" "Joe Biden"
## [9] "Amy Klobuchar" "Pete Buttigieg"
## [11] "Andrew Yang" "Kamala Harris"
## [13] "Elizabeth Warren"
##
## $approve_disapprove_trump
## [1] NA "Approve" "No opinion" "Disapprove"
```

It can be seen above that most of these variables are discrete factors. This would not prove too difficult to clean, with the exception of `how_get_news` (column 12), which would require some processing to make multiple new logical variables.

For now we'll convert these variables to factors with the exception of `how_get_news` and the identities

We'll now look at the summary of each of these categories. Since the conversion to factor was quick, the logical questions are summarized as a numeric column. The percent that elected "yes" is represented by the mean in these cases.

```
##           age      identifies_as_man identifies_as_woman
## 35 or younger:2377 Mode :logical      Mode :logical
## 36 or older :3241 FALSE:1062      FALSE:5800
## NA's       :2648 TRUE :5178        TRUE :440
##                                     NA's :2026      NA's :2026
##
##
##
## identifies_as_hispanic_or_latinx identifies_as_black identifies_as_white
## Mode :logical                  Mode :logical      Mode :logical
```

```

## FALSE:5805                FALSE:5266                FALSE:2367
## TRUE :435                  TRUE :974                  TRUE :3873
## NA's :2026                NA's :2026                NA's :2026
##
##
##
##                                     highest_education_level
## High school or GED or less                                     :3730
## Trade/technical/vocational training, Associate degree, college degree, or more:1888
## NA's                                                             :2648
##
##
##
##
##      length_in_this_facility  state                party
## 10 years or less:4695        AR :1124    Independent      :2331
## Over 10 years : 923         CA : 107    Other              :1357
## NA's           :2648        IL : 26     The Democratic party:1995
##                                     KS :1439    The Republican party:1934
##                                     ME : 27     NA's              : 649
##                                     MT : 213
##                                     NA's:5330
##      how_often_discuss_politics      how_get_news  ever_voted
## Frequently :1737      Local TV news:3850    No :4580
## Never      : 924      Cable news :1622      Yes :3490
## Occasionally :2654    Newspapers : 825      NA's: 196
## Rarely      :1605      Word of mouth: 477
## Very Frequently:1345    Local radio : 357
## NA's        : 1        (Other) :1079
##                                     NA's : 56
##      direction_country_headed  how_often_officials_acting_in_your_interest
## In between :2893      Always : 196
## No opinion : 943      Don't know / No opinion: 717
## Right direction:1257    Never :1278
## Wrong track :2950      Rarely :2983
## NA's : 223      Sometimes :2512
##                                     Very often : 319
##                                     NA's : 261
##      which_party_for_cj_reform  stance_on_assault_weapons_ban
## Democrats :1843      Oppose :1482
## Don't know / No opinion :1805    Strongly oppose :2004
## Neither is committed :2201      Strongly support:1733
## Republicans :1521      Support :1174
## They're equally committed: 603    Undecided :1563
## NA's : 293      NA's : 310
##
##      stance_on_marijuana_legalization  stance_on_tightening_border_security
## Oppose : 397      Oppose :1082
## Strongly oppose : 439    Strongly oppose : 795
## Strongly support:4625    Strongly support:2431
## Support :1721      Support :1841
## Undecided : 771      Undecided :1794
## NA's : 313      NA's : 323
##

```

```

##      stance_on_raise_min_wage  race_affects_politics
## Oppose      : 451      A great deal:1651
## Strongly oppose : 279      Not at all :3027
## Strongly support:5304      Not sure   :1281
## Support      :1312      Somewhat   :1863
## Undecided    : 587      NA's       : 444
## NA's        : 333
##
##      should_incarcerated_vote
## Don't know / No opinion: 929
## No          : 981
## Yes         :5923
## NA's        : 433
##
##
##      incarceration_impacts_motivation_to_vote
## Decreased my motivation to vote      : 633
## Increased my motivation to vote      :2879
## No impact                            :2934
## Slightly decreased my motivation to vote: 318
## Slightly increased my motivation to vote: 977
## NA's                                : 525
##
##      politics_changed_since_incarcerated
## No :3964
## Yes :3769
## NA's: 533
##
##
##
##      cj_important_issue_eliminating_mandatory_mins
## Min.      :0.0000
## 1st Qu.:0.0000
## Median :0.0000
## Mean      :0.2769
## 3rd Qu.:1.0000
## Max.      :1.0000
##
##      cj_important_issue_reducing_racial_bias
## Min.      :0.0000
## 1st Qu.:0.0000
## Median :0.0000
## Mean      :0.2342
## 3rd Qu.:0.0000
## Max.      :1.0000
##
##      cj_important_issue_abolishing_death_penalty
## Min.      :0.00000
## 1st Qu.:0.00000
## Median :0.00000
## Mean      :0.08493
## 3rd Qu.:0.00000

```

```

## Max.      :1.00000
##
## cj_important_issue_lowering_incarceration_rates_rural_communities
## Min.      :0.0000
## 1st Qu.:0.0000
## Median :0.0000
## Mean     :0.1544
## 3rd Qu.:0.0000
## Max.     :1.0000
##
## cj_important_issue_improving_prison_conds
## Min.      :0.000
## 1st Qu.:0.000
## Median :0.000
## Mean     :0.302
## 3rd Qu.:1.000
## Max.     :1.000
##
## cj_important_issue_restoring_voting_rights
## Min.      :0.0000
## 1st Qu.:0.0000
## Median :0.0000
## Mean     :0.1948
## 3rd Qu.:0.0000
## Max.     :1.0000
##
## cj_important_issue_reducing_prison_pop  cj_important_issue_ending_war_on_drugs
## Min.      :0.0000                      Min.      :0.0000
## 1st Qu.:0.0000                      1st Qu.:0.0000
## Median :1.0000                      Median :0.0000
## Mean     :0.5139                      Mean     :0.1738
## 3rd Qu.:1.0000                      3rd Qu.:0.0000
## Max.     :1.0000                      Max.     :1.0000
##
## cj_important_issue_ending_private_prisons
## Min.      :0.000
## 1st Qu.:0.000
## Median :0.000
## Mean     :0.125
## 3rd Qu.:0.000
## Max.     :1.000
##
## cj_important_issue_lowering_sentences_violent_crimes
## Min.      :0.0000
## 1st Qu.:0.0000
## Median :0.0000
## Mean     :0.3143
## 3rd Qu.:1.0000
## Max.     :1.0000
##
## cj_important_issue_raising_wages_incarcerated_workers
## Min.      :0.0000
## 1st Qu.:0.0000
## Median :0.0000

```



```
## Mean      :0.2747
## 3rd Qu.:1.0000
## Max.      :1.0000
##
##              who_vote_for  approve_disapprove_trump
## Donald Trump              :2288  Approve      :2902
## Don't Know / Would not vote:2032  Disapprove:3404
## Bernie Sanders            :1017  No opinion:1331
## Joe Biden                  : 803  NA's        : 629
## Elizabeth Warren           : 308
## (Other)                    :1116
## NA's                       : 702
```

The difference in TRUE/FALSE for Male or Female would require further investigation for the discrepancy which would be explored should this data set be selected.

Conclusion

This data would require a bit of cleaning but nothing too complex. This is a viable source for the project.