poa other

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4/10/2022

Contents

8.1)Households with income above the median are most likely to give high ratings to the response of State & Federal Government
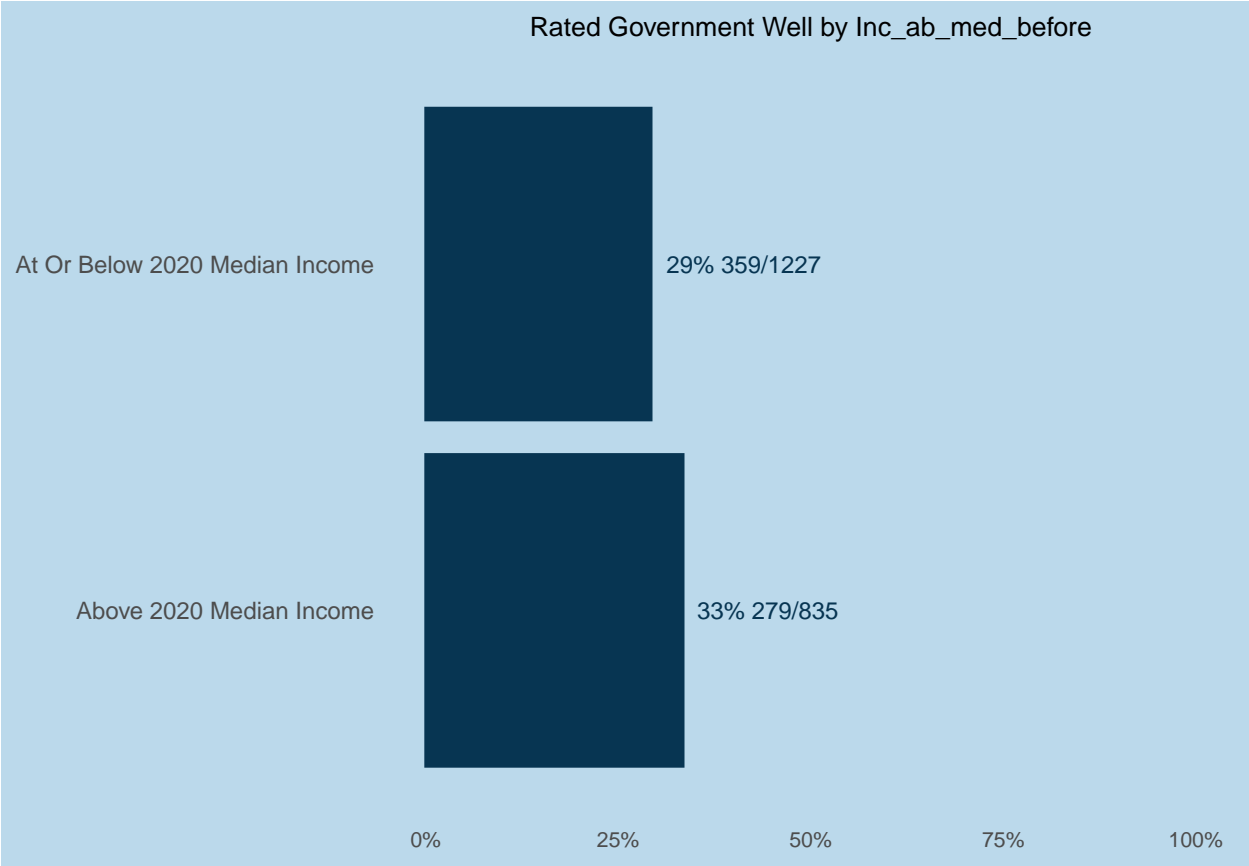
1. Find proportion of people who gave a high rating to State & Federal Government [31]

a. Find subset of population who have above median income [13]
b. Compare the groups below and above median income groups on the basis of their participation in political advocacy.

```
wrangled %>% summarize(across(contains("inc_ab_med"), mean, na.rm = TRUE))
```

```
## # A tibble: 1 x 3
##   inc_ab_med_before inc_ab_med_after inc_ab_med
##               <dbl>            <dbl>      <dbl>
## 1             0.402            0.388      0.356
```
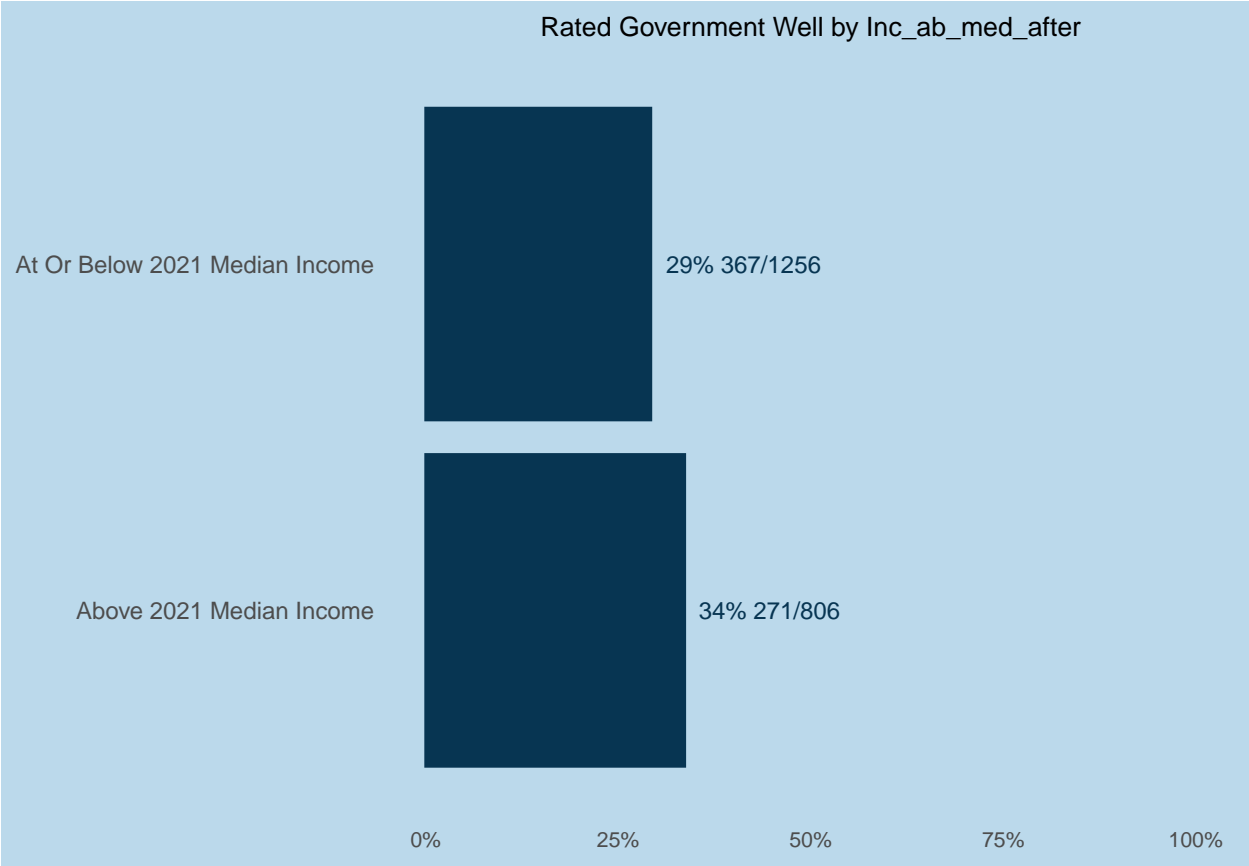
```
make_plots(wrangled, c("inc_ab_med_before", "inc_ab_med_after", "inc_ab_med"), "rate_gov_all_good", tit
```

```
## $inc_ab_med_before
## $inc_ab_med_before$plot
```

Rated Government Well by Inc_ab_med_before

At Or Below 2020 Median Income — 29% 359/1227

Above 2020 Median Income — 33% 279/835

```
## 
## $inc_ab_med_before$p.values
## $inc_ab_med_before$p.values$rate_gov_all_good
##                               at or below 2020 median income
## at or below 2020 median income                            NA
## above 2020 median income                                  NA
##                               above 2020 median income
## at or below 2020 median income                        NA
## above 2020 median income                              NA
## 
## 
## 
## $inc_ab_med_after
## $inc_ab_med_after$plot
```

Rated Government Well by Inc_ab_med_after

At Or Below 2021 Median Income — 29% 367/1256

Above 2021 Median Income — 34% 271/806

```
## 
## $inc_ab_med_after$p.values
## $inc_ab_med_after$p.values$rate_gov_all_good
##                                at or below 2021 median income
## at or below 2021 median income                             NA
## above 2021 median income                                   NA
##                                above 2021 median income
## at or below 2021 median income                     NA
## above 2021 median income                           NA
## 
## 
## 
## $inc_ab_med
## $inc_ab_med$plot
```

Rated Government Well by Inc_ab

At Or Below Median Income Level Either Before Or After The Start Of The Pandemic   29% 384/1323

Above Median Income Level Before And After The Start Of The Pandemic   34% 254/739

0%   25%   50%   75%   100%
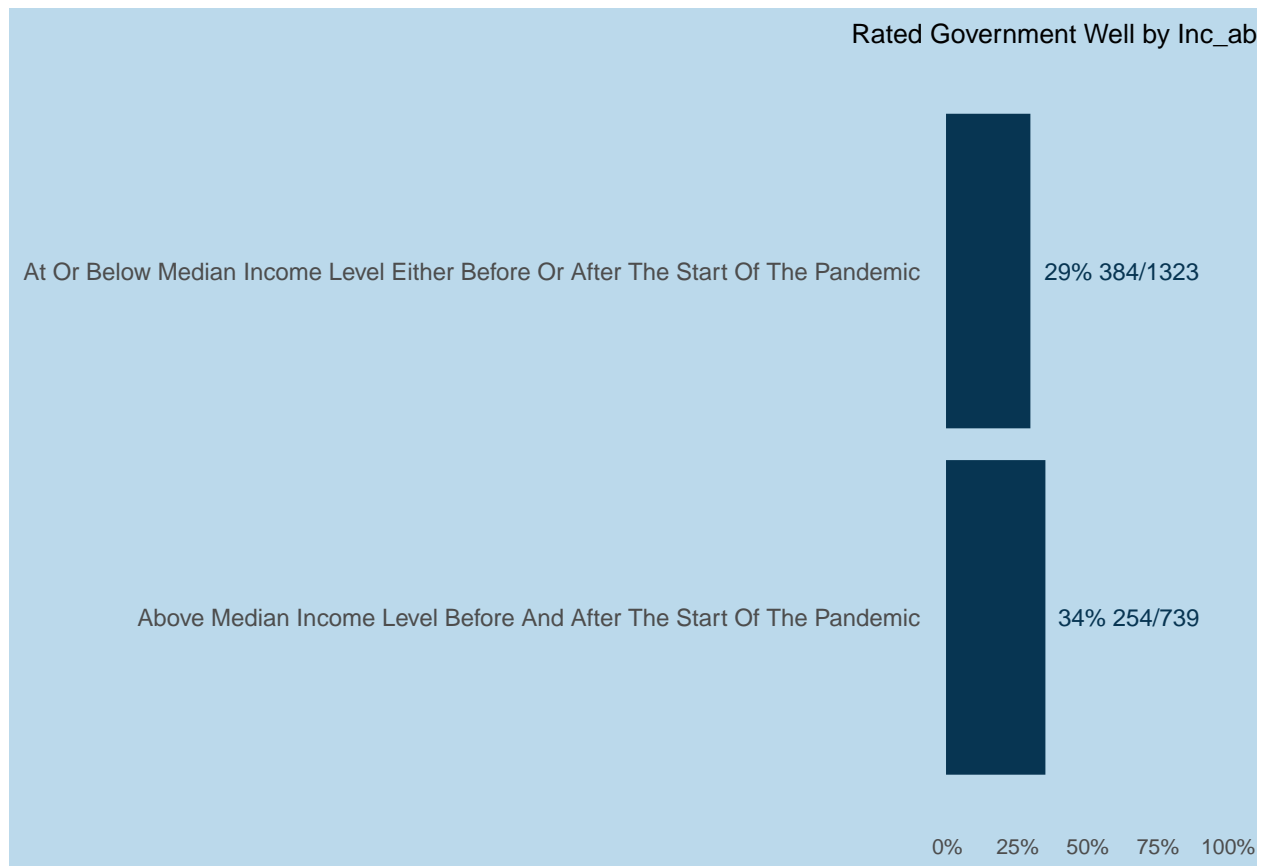
```
##
## $inc_ab_med$p.values
## $inc_ab_med$p.values$rate_gov_all_good
##                                                                                    at or below median :
## at or below median income level either before or after the start of the pandemic
## above median income level before and after the start of the pandemic
##                                                                                    above median income
## at or below median income level either before or after the start of the pandemic
## above median income level before and after the start of the pandemic
```

8.2)People with below median income were more likely to give low ratings to the responses of dr State & Federal Government
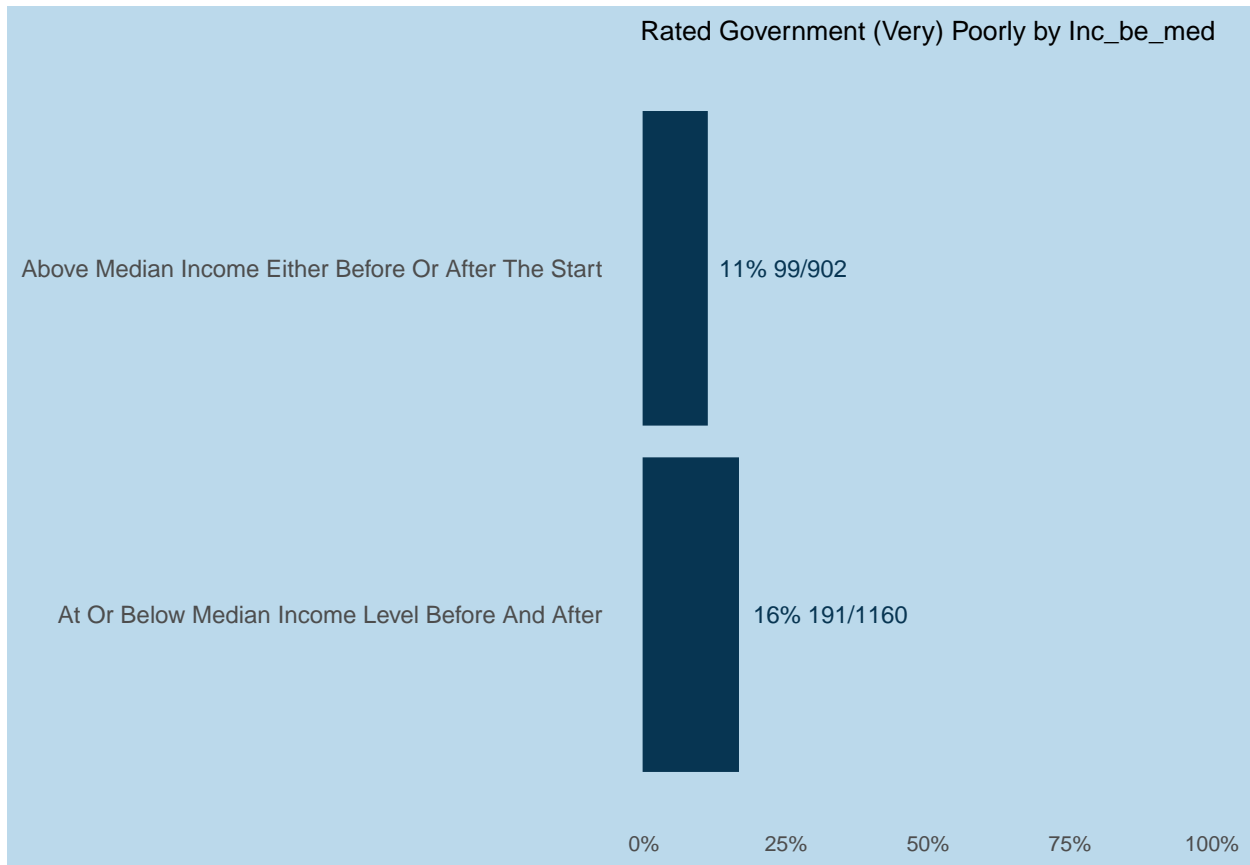
1.Find proportion of people who gave a low rating to State & Federal Government [31] a. Find subset of population who have below median income [13] b. Compare the groups below and above median income groups on the basis on their participation in political advocacy.

```
wrangled %>% summarize(across(contains("inc_be_med"), mean, na.rm = TRUE))
```

```
## # A tibble: 1 x 3
##   inc_be_med_before inc_be_med_after inc_be_med
##             <dbl>            <dbl>      <dbl>
## 1             0.598            0.612      0.565
```

```
make_plots(wrangled, "inc_be_med", "rate_gov_all_bad", title = "Rated Government (Very) Poorly")
```

```
## $inc_be_med
## $inc_be_med$plot
```


Rated Government (Very) Poorly by Inc_be_med

Above Median Income Either Before Or After The Start   11% 99/902

At Or Below Median Income Level Before And After   16% 191/1160

0%   25%   50%   75%   100%

```
##
## $inc_be_med$p.values
## $inc_be_med$p.values$rate_gov_all_bad
##                                                        above median income either before or after the s
## above median income either before or after the start
## at or below median income level before and after                                                    0.(
##                                                        at or below median income level before and afte
## above median income either before or after the start                                        0.00048
## at or below median income level before and after                                                    N
```

8.3)Find source of aid for all these requirements[33]

1. Find proportion of respondents which look towards other sources for each of these categories

  (i) Local Transport
 (ii) Utilities
(iii) Healthcare (iv)Food

(iv) Clean Water

vi) Adultcare (vii)Childcare (viii)Stress or Emotional Support

2. Run distribution over each help source from Government, Friends and Family, Community Organizations, Corporate/Business, Faith-Based

3. Run sub demographics by each category

```
wrangled %>% select(starts_with("lr_"))
```

```
## # A tibble: 2,145 x 60
##    lr_stress          lr_stress_fb lr_stress_np lr_stress_gov lr_stress_corp
##    <chr>                 <int+lbl>    <int+lbl>     <int+lbl>      <int+lbl>
##  1 community non-profits  0 [not 'fai~ 1 [communit~ 0 [not 'gove~ 0 [not 'corpo~
##  2 community non-profits  0 [not 'fai~ 1 [communit~ 0 [not 'gove~ 0 [not 'corpo~
##  3 friends/family         0 [not 'fai~ 0 [not 'com~ 0 [not 'gove~ 0 [not 'corpo~
##  4 community non-profits~ 0 [not 'fai~ 1 [communit~ 1 [governmen~ 1 [corporate/~
##  5 friends/family         0 [not 'fai~ 0 [not 'com~ 0 [not 'gove~ 0 [not 'corpo~
##  6 community non-profits~ 0 [not 'fai~ 1 [communit~ 0 [not 'gove~ 0 [not 'corpo~
##  7 community non-profits~ 0 [not 'fai~ 1 [communit~ 1 [governmen~ 1 [corporate/~
##  8 friends/family         0 [not 'fai~ 0 [not 'com~ 0 [not 'gove~ 0 [not 'corpo~
##  9 friends/family         0 [not 'fai~ 0 [not 'com~ 0 [not 'gove~ 0 [not 'corpo~
## 10 friends/family         0 [not 'fai~ 0 [not 'com~ 0 [not 'gove~ 0 [not 'corpo~
## # ... with 2,135 more rows, and 55 more variables: lr_stress_fam <int+lbl>,
## #   lr_stress_idk <int+lbl>, lr_trans <chr>, lr_trans_fb <int+lbl>,
## #   lr_trans_np <int+lbl>, lr_trans_gov <int+lbl>, lr_trans_corp <int+lbl>,
## #   lr_trans_fam <int+lbl>, lr_trans_idk <int+lbl>, lr_food <chr>,
## #   lr_food_fb <int+lbl>, lr_food_np <int+lbl>, lr_food_gov <int+lbl>,
## #   lr_food_corp <int+lbl>, lr_food_fam <int+lbl>, lr_food_idk <int+lbl>,
## #   lr_wtr <chr>, lr_wtr_fb <int+lbl>, lr_wtr_np <int+lbl>, ...
```

```
wrangled %>% mutate(across(starts_with("lr_") & is.labelled, as.integer)) %>%
  pivot_longer(is.integer & starts_with("lr_")) %>%
  select(name,value) %>%
  mutate(name = str_replace(name, "lr_", "")) %>%
  filter(str_detect(name, "_")) %>%
  separate(name, into = c("area", "resource")) %>%
  group_by(area, resource) %>%
  summarize(n = sum(value, na.rm = TRUE)) %>%
  group_by(area) %>% #mutate(denom = sum(n)) %>%
  arrange(area, desc(n)) %>%
  #filter(row_number() <= 1) #%>%
  ungroup() %>%
  ggplot(aes(x = area, y = resource)) + geom_point()
```