poa_access_gov

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Contents

7.1)People who had difficulty accessing social services or benefits [21]

1. Run distribution over population
2. Run distribution by sub-demographics (a-k)

a. Compare and find gaps (test unequal proportions)

```
mean(wrangled$diff_ss, na.rm = TRUE)
```

[1] 0.1637752

```
make_plots(wrangled, demographics, "diff_ss", title = "Difficulty accessing Social security benefits")
```

$borough
$borough$plot
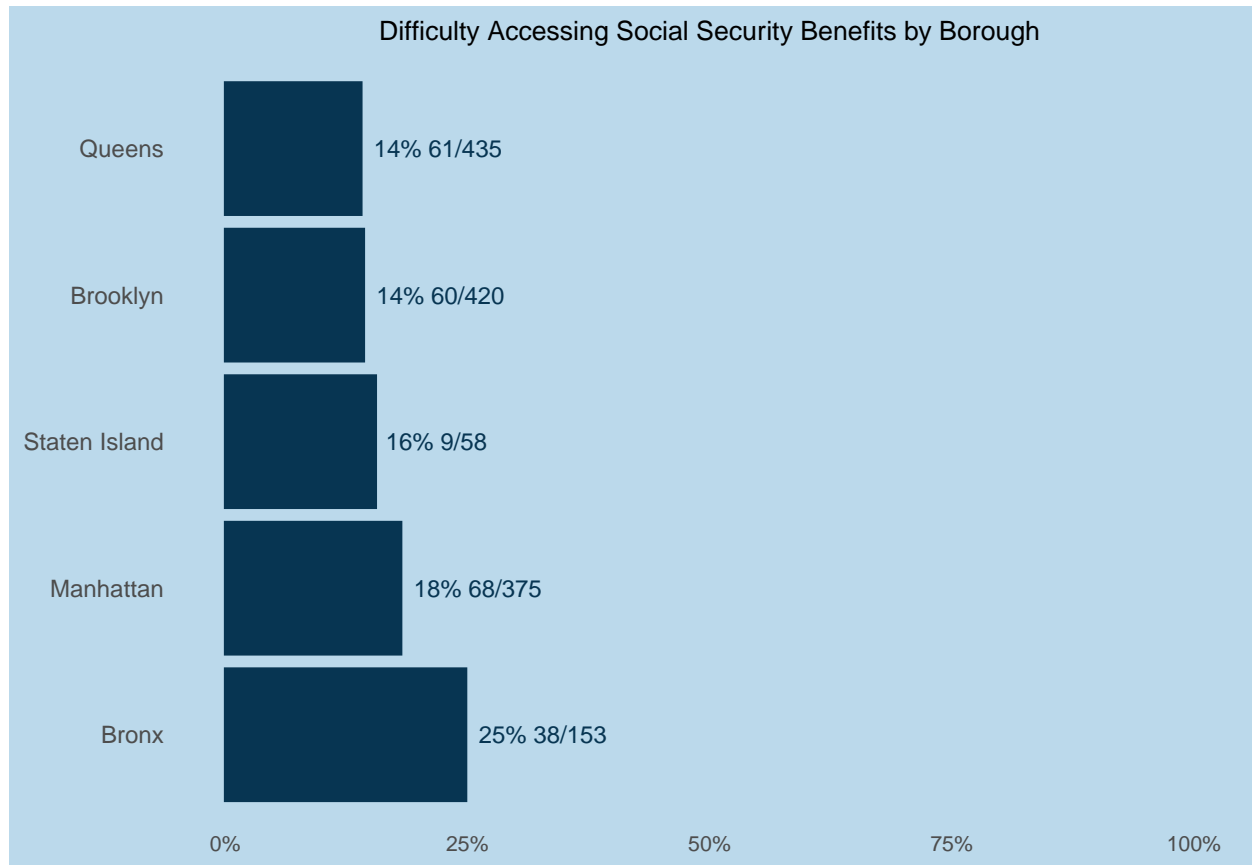

```
##
## $borough$p.values
## $borough$p.values$diff_ss
##               queens brooklyn staten island manhattan  bronx
## queens            NA       NA            NA        NA 0.0032
## brooklyn          NA       NA            NA        NA 0.0045
## staten island     NA       NA            NA        NA     NA
## manhattan         NA       NA            NA        NA     NA
## bronx         0.0032   0.0045            NA        NA     NA
##
##
##
## $gen
## NULL
```

```
##
## $race_census
## $race_census$plot
```

Difficulty Accessing Social Security Benefits by Race_census

Race_census	
Indigenous American	0% 0/5
White (Non–Hispanic Or Latino)	11% 45/403
Asian	12% 20/160
Black Or African American	17% 55/331
Other	20% 9/44
Hispanic Or Latinx	22% 93/425
Two Or More Races	23% 9/39

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'

```
##
## $race_census$p.values
## $race_census$p.values$diff_ss
##                                  Indigenous American
## Indigenous American                             NA
## white (non-hispanic or latino)                  NA
## asian                                           NA
## black or african american                       NA
## other                                           NA
## hispanic or latinx                              NA
## two or more races                               NA
##                                  white (non-hispanic or latino) asian
## Indigenous American                                          NA    NA
## white (non-hispanic or latino)                               NA    NA
## asian                                                        NA    NA
## black or african american                                   NA    NA
## other                                                        NA    NA
## hispanic or latinx                                      5.3e-05    NA
## two or more races                                            NA    NA
##                                  black or african american other
## Indigenous American                                      NA    NA
```
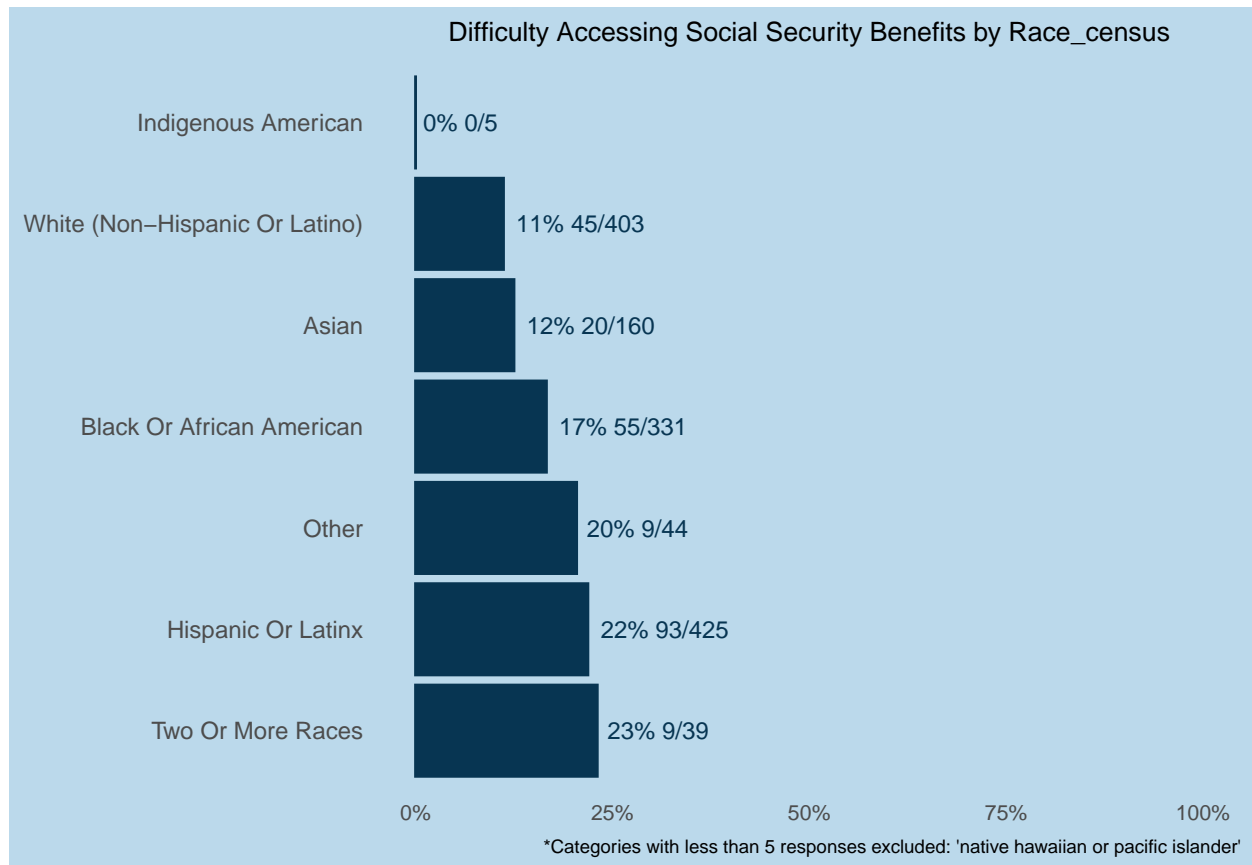
3

```
## white (non-hispanic or latino)                          NA    NA
## asian                                                    NA    NA
## black or african american                                NA    NA
## other                                                    NA    NA
## hispanic or latinx                                       NA    NA
## two or more races                                        NA    NA
##                              hispanic or latinx two or more races
## Indigenous American                           NA                NA
## white (non-hispanic or latino)            5.3e-05              NA
## asian                                         NA                NA
## black or african american                    NA                NA
## other                                         NA                NA
## hispanic or latinx                            NA                NA
## two or more races                            NA                NA
##
##
##
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```
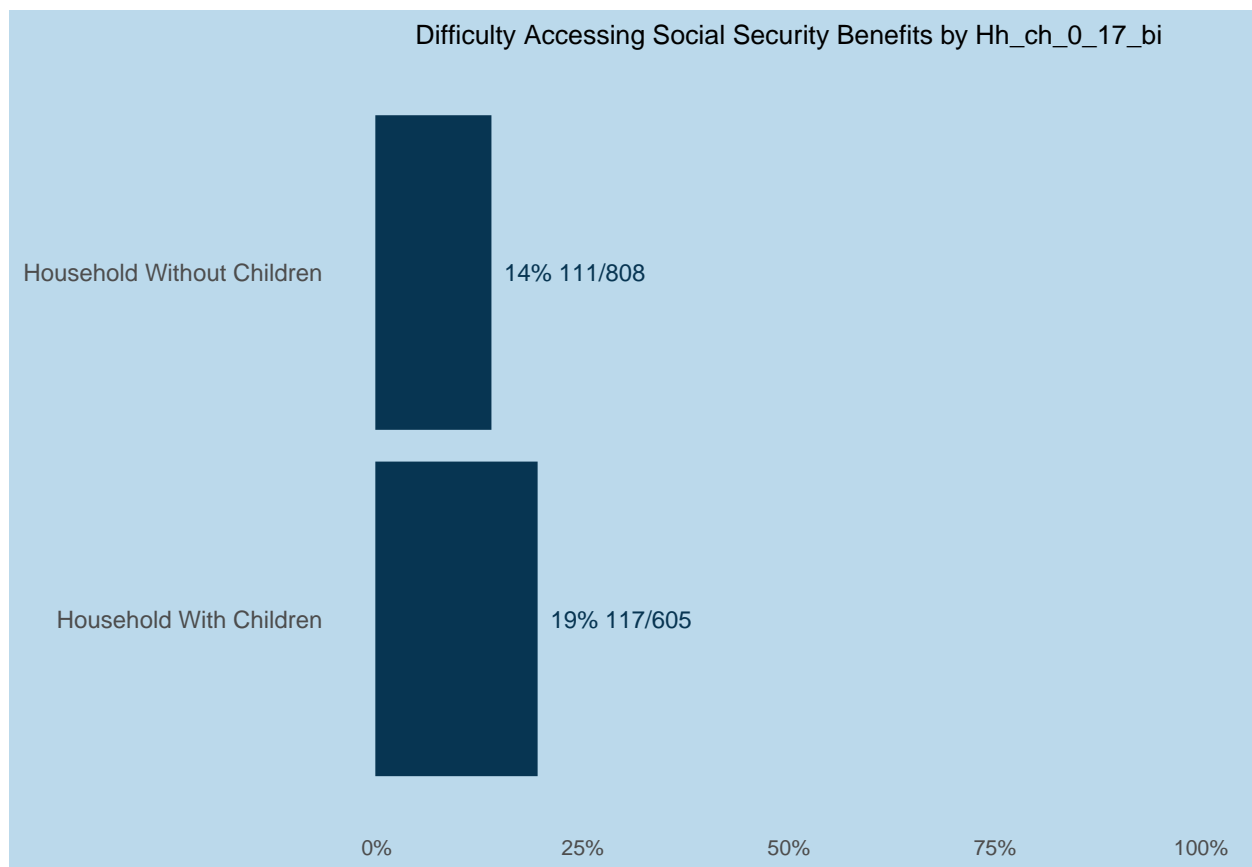


```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$diff_ss
##                             household without children household with children
## household without children                        NA                   0.0058
```

```
## household with children                              0.0058                      NA
##
##
##
## $hh_sn_65_bi
## NULL
##
## $inc_dist
## $inc_dist$plot
```


Difficulty Accessing Social Security Benefits by Inc_dist

At Or Above 2020 Median Income — 9.9% 49/494

Below 2020 Median Income — 13% 51/383

Below 2020 Poverty Line — 24% 136/564
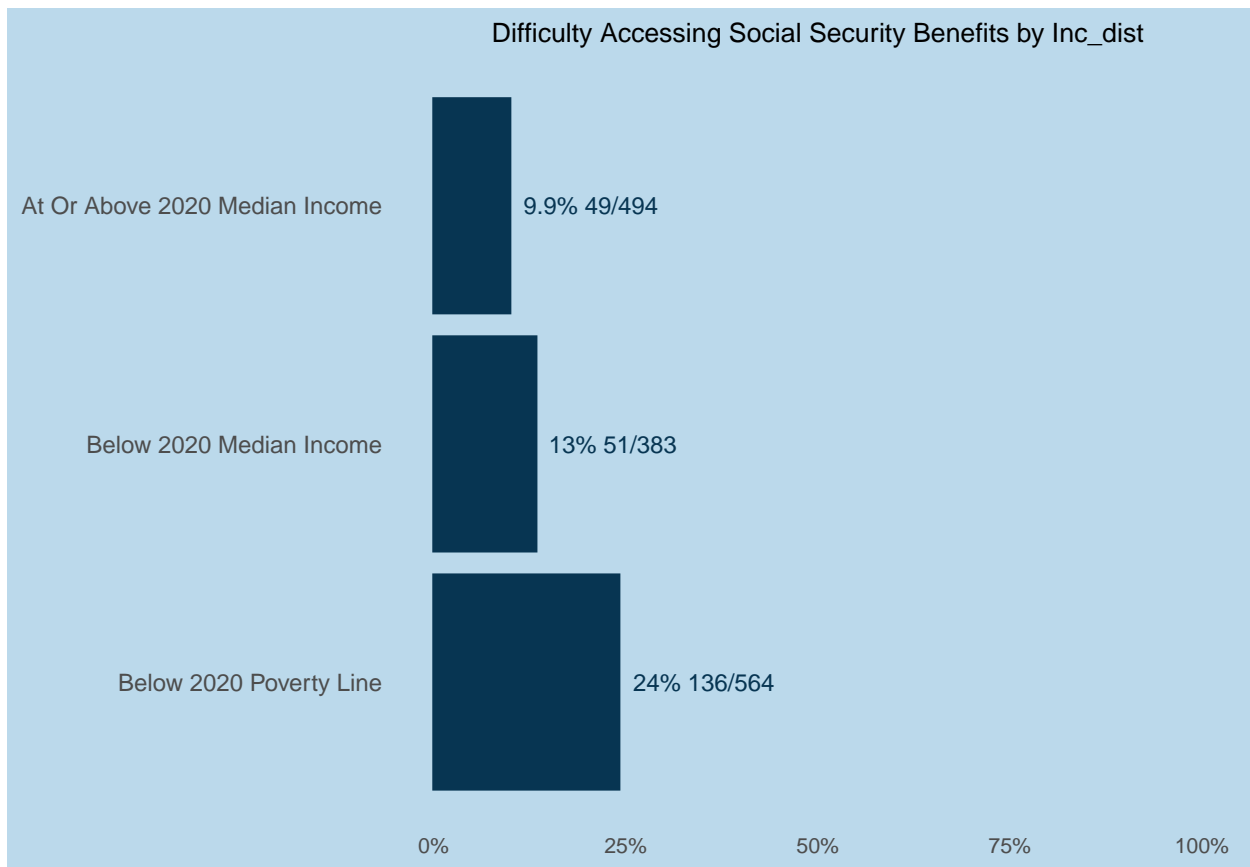
```
##
## $inc_dist$p.values
## $inc_dist$p.values$diff_ss
##                                   at or above 2020 median income
## at or above 2020 median income                               NA
## below 2020 median income                                     NA
## below 2020 poverty line                                 2.2e-09
##                                   below 2020 median income below 2020 poverty line
## at or above 2020 median income                         NA                 2.2e-09
## below 2020 median income                               NA                 6.0e-05
## below 2020 poverty line                             6e-05                      NA
```

7.2)Households with children in public schools are more likely to give higher ratings to neighborhood public schools [32, 26]

1. Run binary distribution for overall rating of neighborhood schools Not Poor=Excellent, Good Poor=Fair, Poor
2. Find subset of population which are hhs with children in each binary category

a. Compare the strength of the subset with non-hhs with children in each subset

```
mean(wrangled$rate_neigh_pub, na.rm = TRUE)
```

```
## [1] 3.081301
```

```
mean(wrangled$rate_neigh_pub_good, na.rm = TRUE)
```
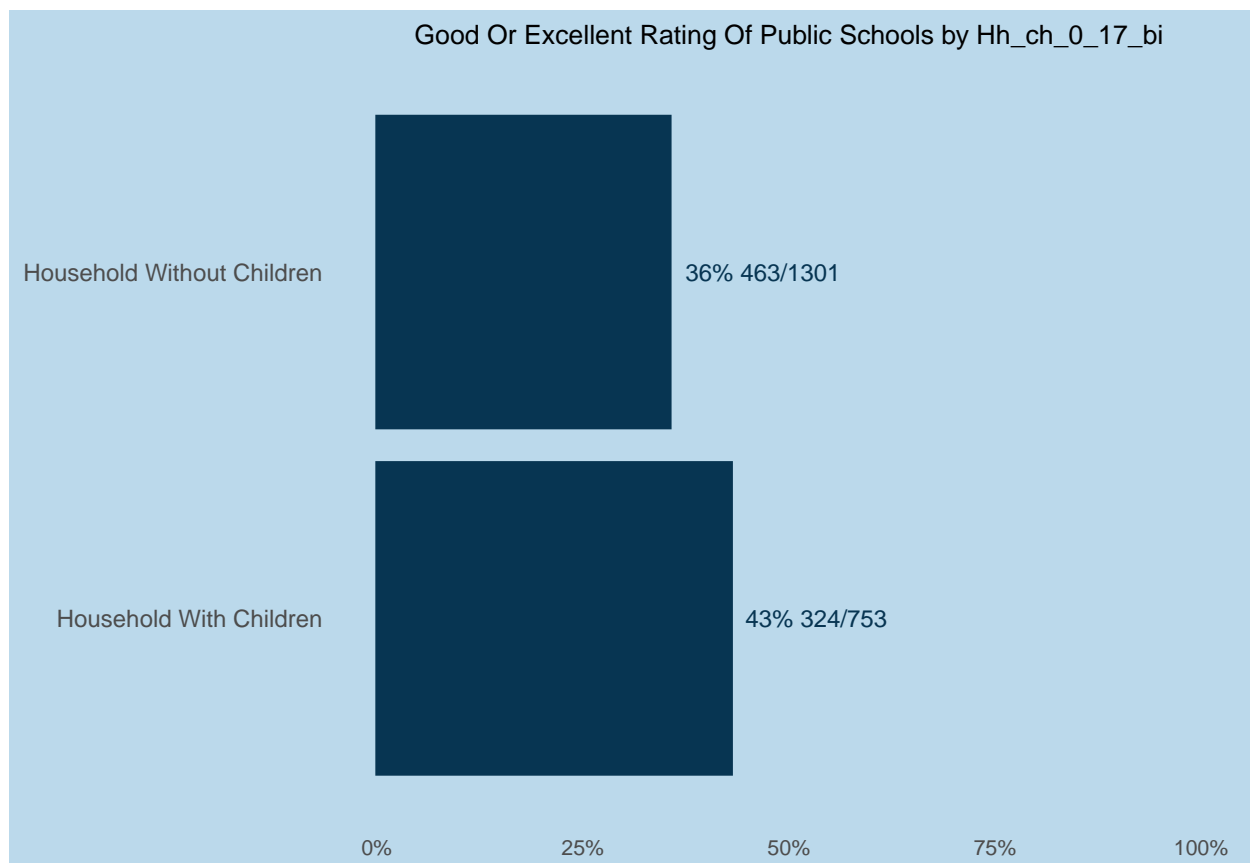
```
## [1] 0.3797226
```

```
mean(wrangled$rate_neigh_pub_bad, na.rm = TRUE)
```

```
## [1] 0.3438546
```

```
make_plots(wrangled, "hh_ch_0_17_bi", "rate_neigh_pub_good", title = "Good or Excellent Rating of Publi
```

```
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```

```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$rate_neigh_pub_good
##                               household without children household with children
## household without children                           NA                  0.00098
## household with children                         0.00098                       NA
```

```
make_plots(wrangled, "hh_ch_0_17_bi", "rate_neigh_pub_bad", title = "Poor or Very Poor Rating of Public
```

```
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```
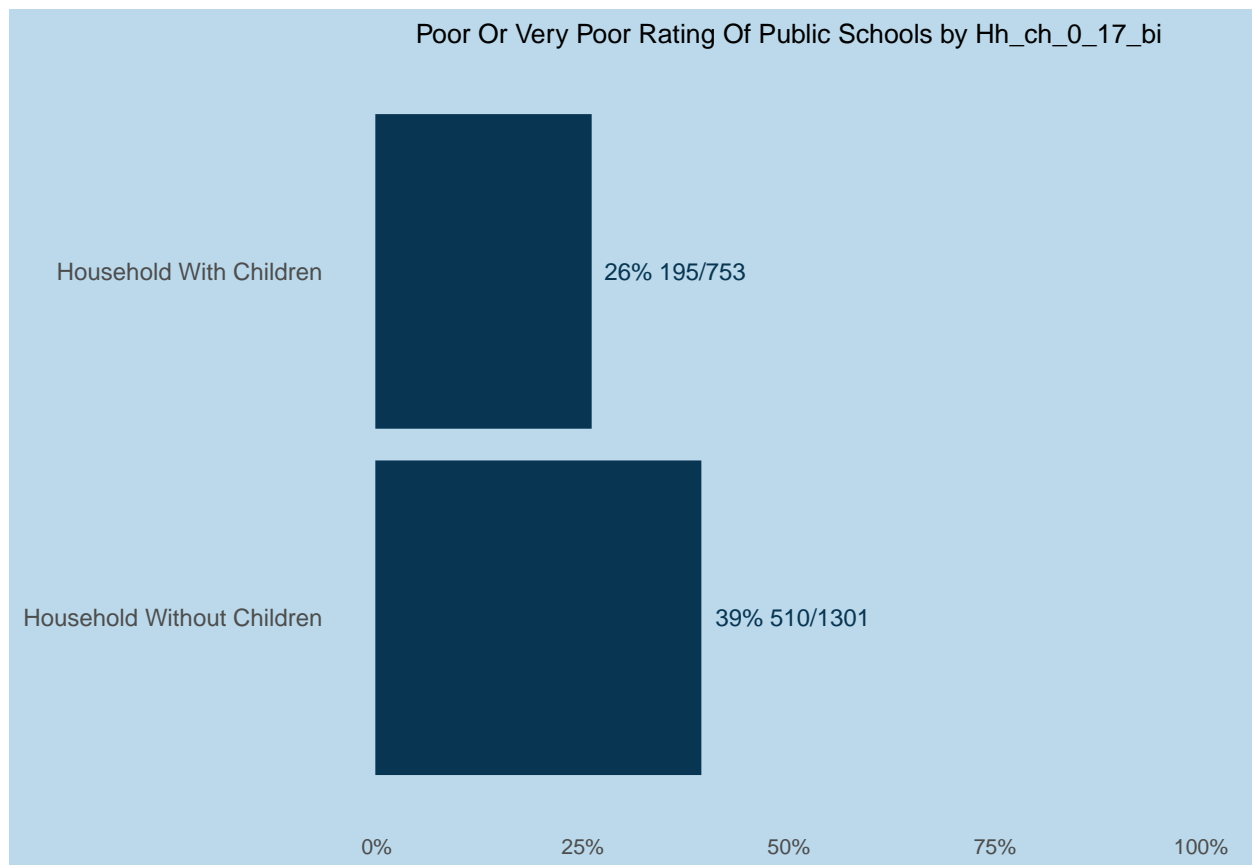


```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$rate_neigh_pub_bad
##                               household with children household without children
## household with children                           NA                     1.3e-09
## household without children                    1.3e-09                          NA
```

7.3)Attitude towards Police Responsiveness

1. Run binary distribution over the overall rating of Police responsiveness (as described in 7.3)
2. Run distribution by sub-demographics

```
mean(wrangled$rate_neigh_pol, na.rm = TRUE)
```

[1] 3.155906

```
mean(wrangled$rate_neigh_pol_good, na.rm = TRUE)
```

[1] 0.3481588

```
mean(wrangled$rate_neigh_pol_bad, na.rm = TRUE)
```

[1] 0.3988522

```
make_plots(wrangled, demographics, "rate_neigh_pol_good", title = "Positively Rated Police Responsivenes
```
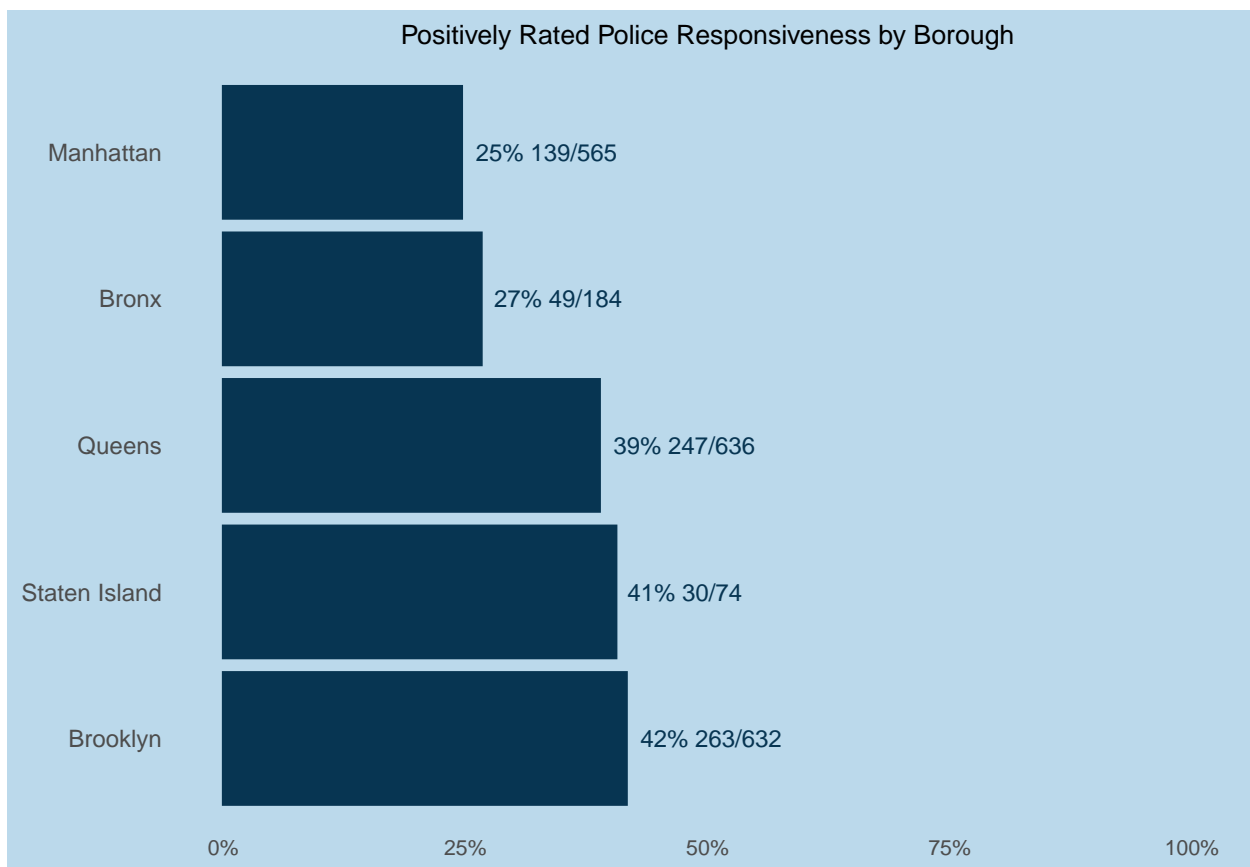
$borough
$borough$plot

$borough$p.values
$borough$p.values$rate_neigh_pol_good
manhattan   bronx queens staten island brooklyn
manhattan   NA   NA 1.9e-07   0.0054 7.3e-10

```
## bronx                   NA      NA 3.2e-03      NA 3.2e-04
## queens          1.9e-07 0.00320      NA      NA      NA
## staten island   5.4e-03      NA      NA      NA      NA
## brooklyn        7.3e-10 0.00032      NA      NA      NA
##
##
##
## $gen
## $gen$plot
```
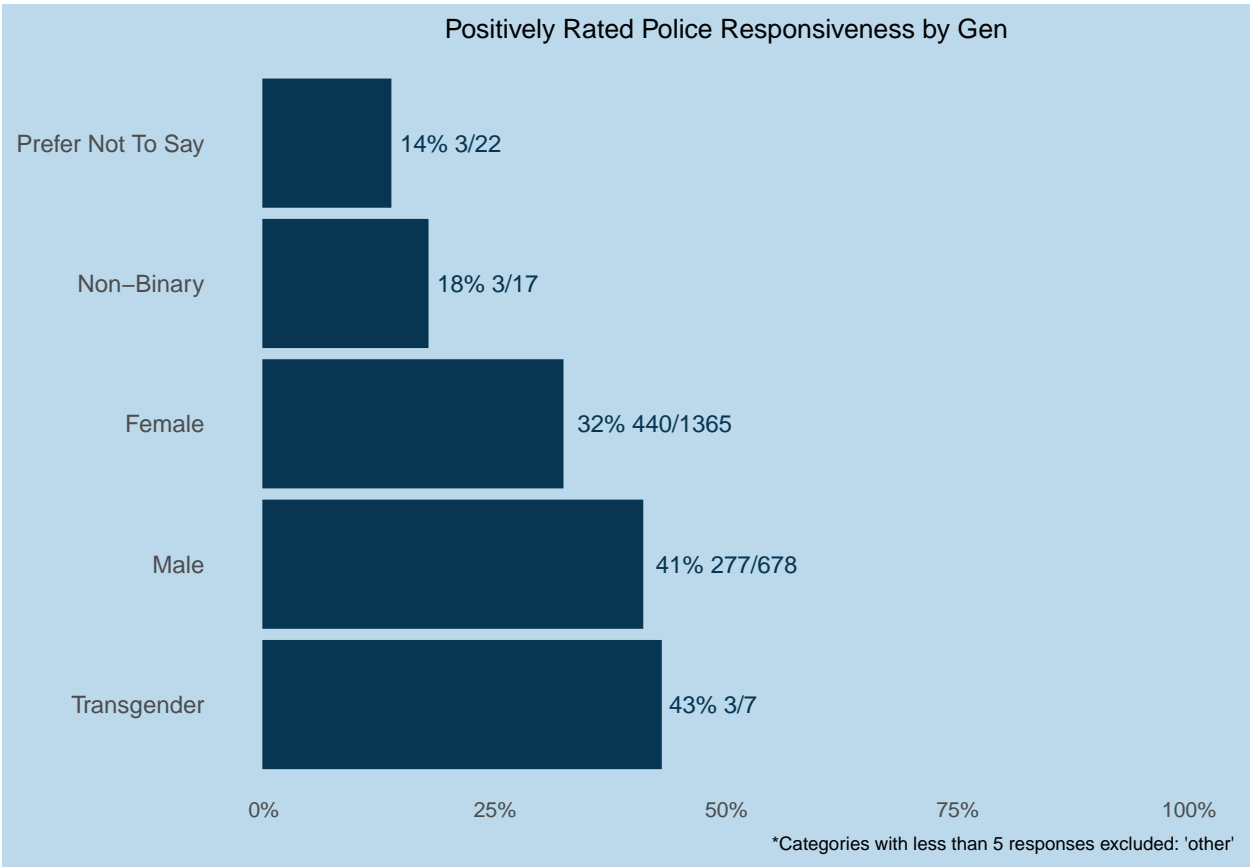


```
##
## $gen$p.values
## $gen$p.values$rate_neigh_pol_good
##                    prefer not to say non-binary  female    male transgender
## prefer not to say                NA         NA      NA      NA          NA
## non-binary                       NA         NA      NA      NA          NA
## female                           NA         NA      NA 0.00015          NA
## male                             NA         NA 0.00015      NA          NA
## transgender                      NA         NA      NA      NA          NA
##
##
##
## $race_census
## NULL
##
```

```
## $hh_ch_0_17_bi
## NULL
##
## $hh_sn_65_bi
## NULL
##
## $inc_dist
## NULL
```

```
make_plots(wrangled, demographics, "rate_neigh_pol_bad", title = "Negatively Rated Police Responsiveness
```
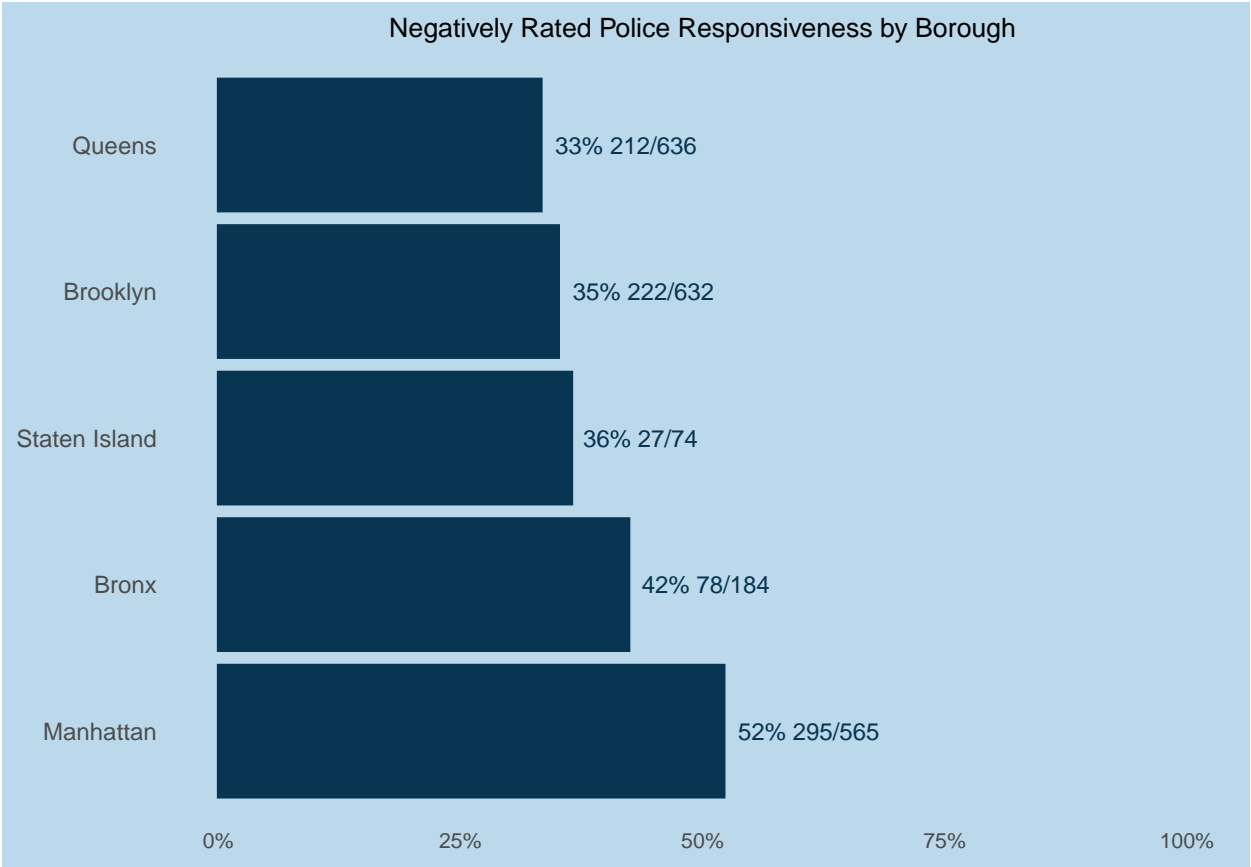
```
## $borough
## $borough$plot
```



```
##
## $borough$p.values
## $borough$p.values$rate_neigh_pol_bad
##               queens brooklyn staten island bronx manhattan
## queens            NA       NA            NA    NA   5.6e-11
## brooklyn          NA       NA            NA    NA   3.7e-09
## staten island     NA       NA            NA    NA        NA
## bronx             NA       NA            NA    NA        NA
## manhattan    5.6e-11  3.7e-09            NA    NA        NA
##
```

```
##
##
## $gen
## $gen$plot
```
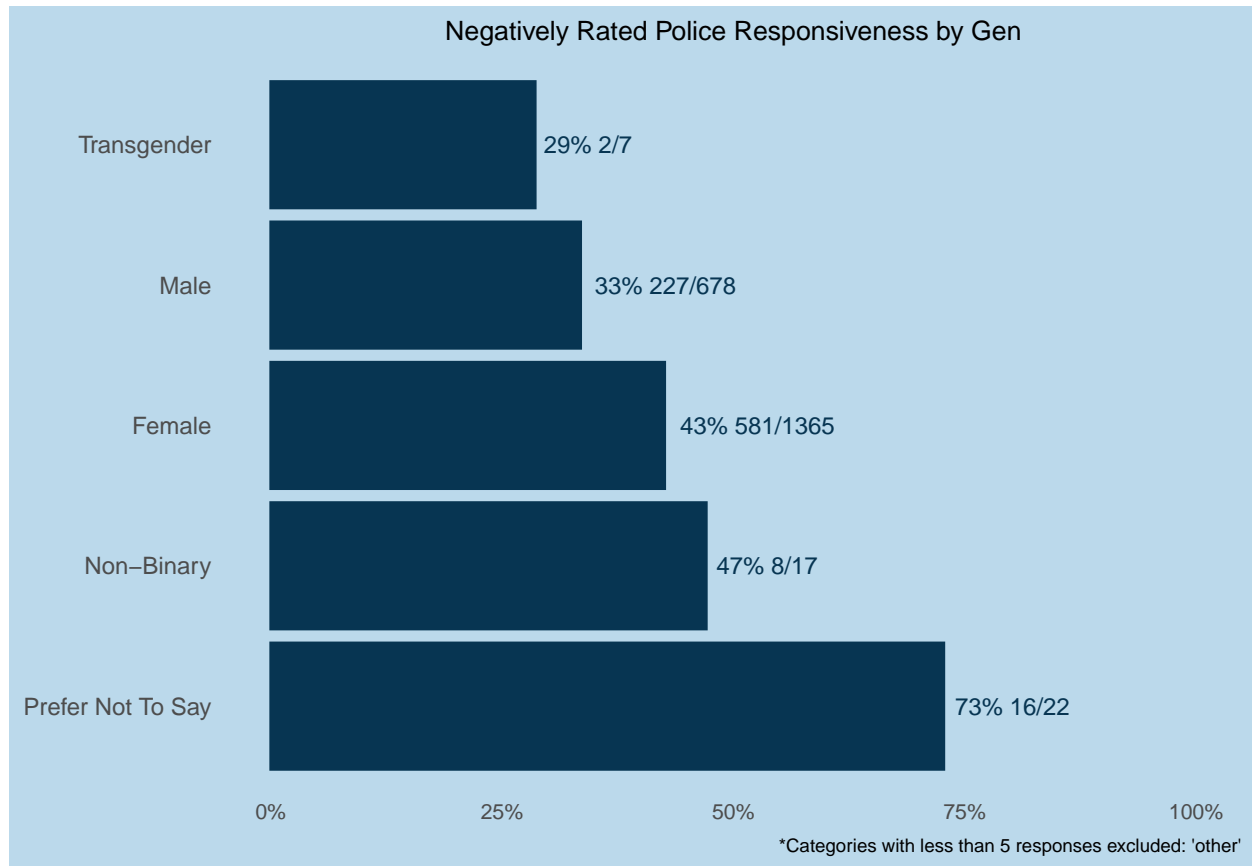
Negatively Rated Police Responsiveness by Gen

Transgender	29% 2/7
Male	33% 227/678
Female	43% 581/1365
Non–Binary	47% 8/17
Prefer Not To Say	73% 16/22

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'other'

```
##
## $gen$p.values
## $gen$p.values$rate_neigh_pol_bad
##                      transgender    male   female non-binary prefer not to say
## transgender                  NA      NA       NA         NA                NA
## male                         NA      NA  9.4e-05         NA           0.00035
## female                       NA 9.4e-05      NA         NA           0.00890
## non-binary                   NA      NA       NA         NA                NA
## prefer not to say            NA 3.5e-04  8.9e-03         NA                NA
##
##
##
## $race_census
## $race_census$plot
```

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Negatively Rated Police Responsiveness by Race_census

Race	Percentage	Count
Asian	34%	81/240
Black Or African American	34%	162/470
Hispanic Or Latinx	38%	194/517
White (Non–Hispanic Or Latino)	44%	308/693
Other	46%	28/61
Indigenous American	50%	3/6
Two Or More Races	59%	32/54

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'

```
## 
## $race_census$p.values
## $race_census$p.values$rate_neigh_pol_bad
##                               asian black or african american
## asian                           NA                          NA
## black or african american      NA                          NA
## hispanic or latinx              NA                          NA
## white (non-hispanic or latino) 0.00480               0.00083
## other                           NA                          NA
## Indigenous American             NA                          NA
## two or more races             0.00088               0.00062
##                               hispanic or latinx
## asian                                 NA
## black or african american            NA
## hispanic or latinx                    NA
## white (non-hispanic or latino)        NA
## other                                 NA
## Indigenous American                   NA
## two or more races                  0.0031
##                               white (non-hispanic or latino) other
## asian                                                0.00480    NA
## black or african american                           0.00083    NA
## hispanic or latinx                                        NA    NA
## white (non-hispanic or latino)                            NA    NA
## other                                                     NA    NA
## Indigenous American                                       NA    NA
```

```
## two or more races                                          NA      NA
##                              Indigenous American two or more races
## asian                                         NA         0.00088
## black or african american                     NA         0.00062
## hispanic or latinx                             NA         0.00310
## white (non-hispanic or latino)                 NA              NA
## other                                          NA              NA
## Indigenous American                            NA              NA
## two or more races                              NA              NA
##
##
##
## $hh_ch_0_17_bi
## $hh_ch_0_17_bi$plot
```

Negatively Rated Police Responsiveness by Hh_ch_0_17_bi

Household With Children   33% 247/753

Household Without Children   44% 573/1301

0%   25%   50%   75%   100%

```
##
## $hh_ch_0_17_bi$p.values
## $hh_ch_0_17_bi$p.values$rate_neigh_pol_bad
##                       household with children household without children
## household with children                    NA                    6.8e-07
## household without children            6.8e-07                         NA
##
##
##
## $hh_sn_65_bi
```

```
## NULL
##
## $inc_dist
## NULL
```

7.4)Respondents from the Bronx (high crime rate as compared to to other boroughs) are more likely to rate Police Responsiveness as poor [32, 2]

1. Run binary distribution for overall rating of Police responsiveness (as described in 7.2)
2. Find subset of population who are from Bronx in both the category responsenses

a. Compare and contrast the responses between the Bronx and on-Bronx population

```
make_plots(wrangled, "borough",
           "rate_neigh_pol_bad", title = "Negatively Rated Police Responsiveness")
```
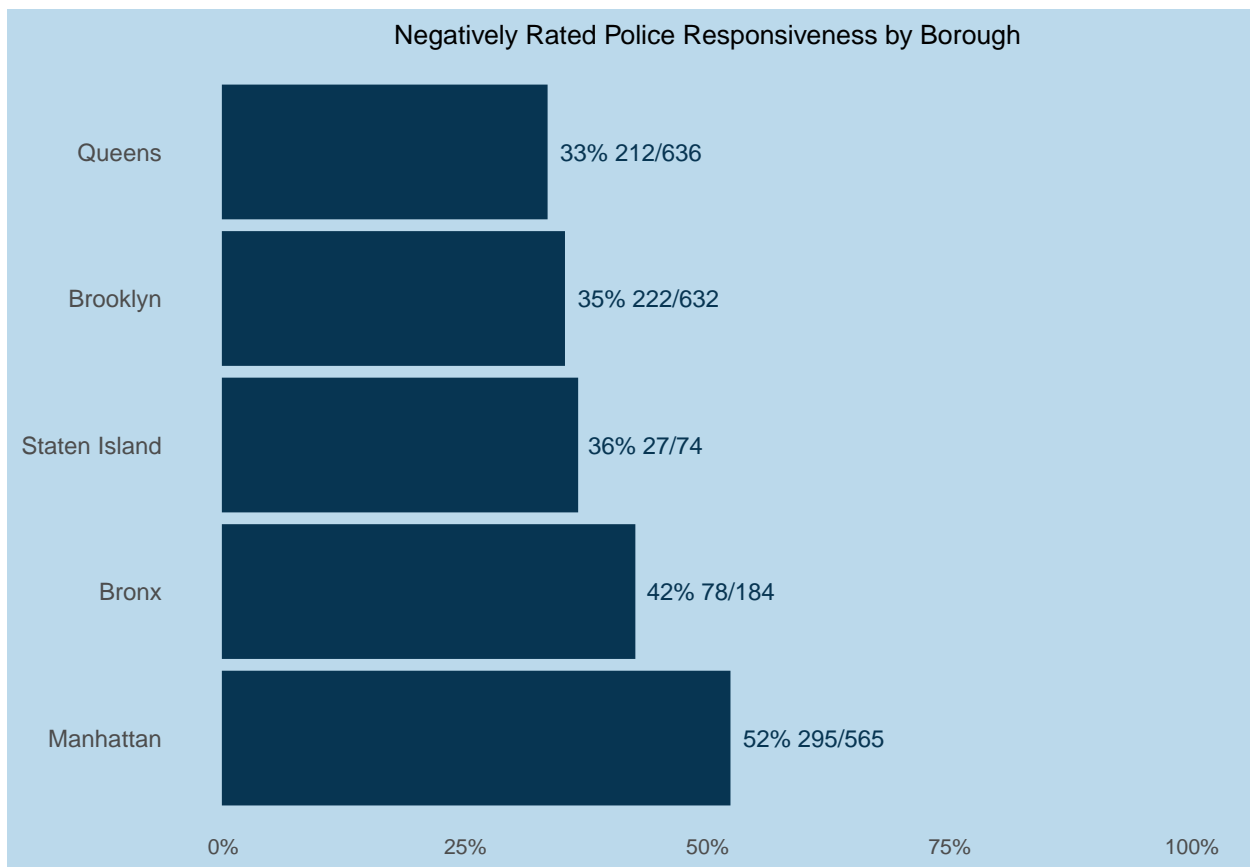
```
## $borough
## $borough$plot
```



```
##
## $borough$p.values
```

```
## $borough$p.values$rate_neigh_pol_bad
##              queens brooklyn staten island bronx manhattan
## queens           NA       NA            NA    NA   5.6e-11
## brooklyn         NA       NA            NA    NA   3.7e-09
## staten island    NA       NA            NA    NA        NA
## bronx            NA       NA            NA    NA        NA
## manhattan    5.6e-11  3.7e-09            NA    NA        NA
```

7.5)Respondents from low income brackets (at or below median income) are more likely to rate neighbourhood safety poorly

3. Run binary distribution for overall rating of Police responsiveness (as described in 7.3)
4. Find subset of population who are from above median income in both the category responsenses

b. Compare and contrast the responses between high and low income population

```
mean(wrangled$rate_neigh_pre, na.rm = TRUE)
```

```
## [1] 3.27164
```

```
make_plots(wrangled, "inc_dist", "rate_neigh_pre_bad", title = "Rated Crime Prevention Well")
```

```
## $inc_dist
## $inc_dist$plot
```


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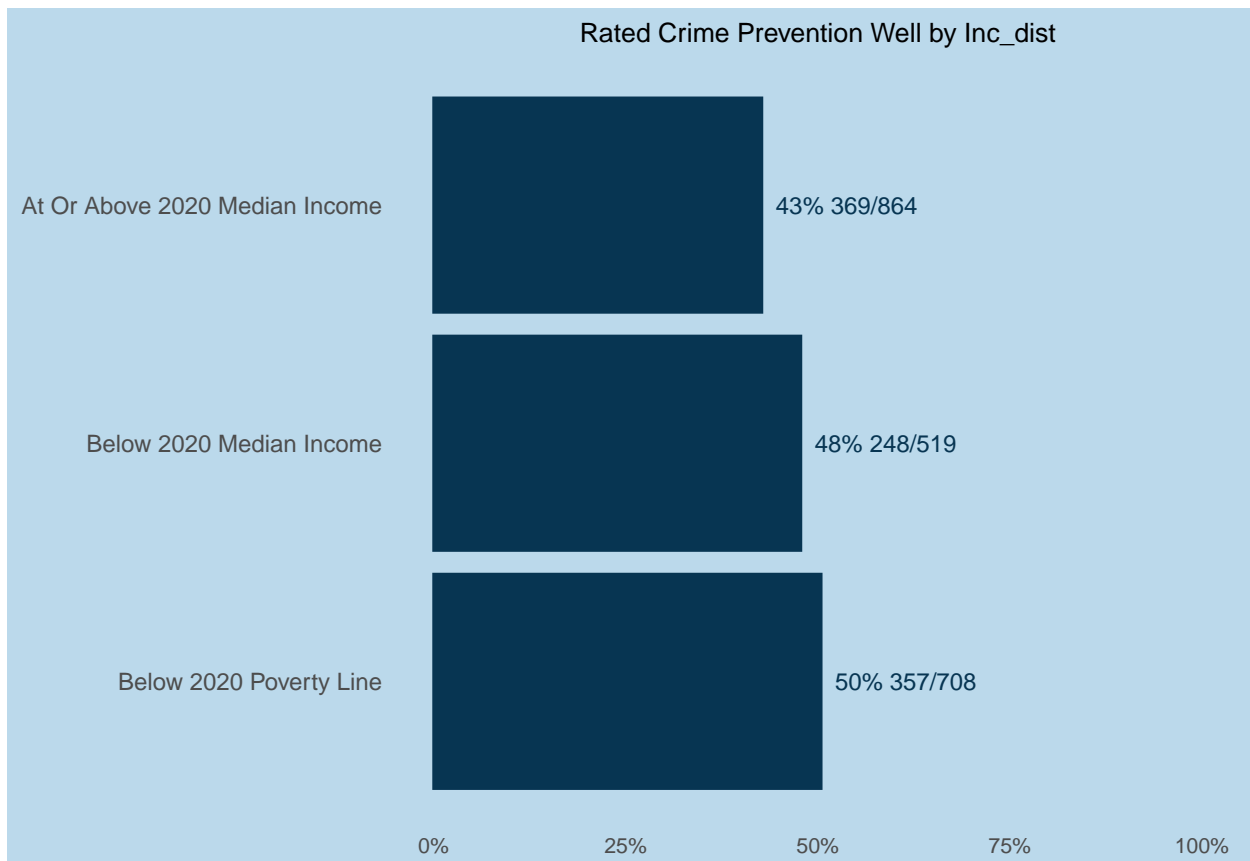
```
##
## $inc_dist$p.values
## $inc_dist$p.values$rate_neigh_pre_bad
##                                     at or above 2020 median income
## at or above 2020 median income                                NA
## below 2020 median income                                      NA
## below 2020 poverty line                                   0.0027
##                              below 2020 median income below 2020 poverty line
## at or above 2020 median income                      NA                  0.0027
## below 2020 median income                            NA                      NA
## below 2020 poverty line                             NA                      NA
```

```
make_plots(wrangled, "inc_dist", "rate_neigh_pre_good", title = "Rated Crime Prevention Poorly")
```

```
## $inc_dist
## NULL
```

7.6) People who rated city/state/federal government response to the pandemic well were more likely to indicate they would turn to the government if they needed help

1. Find respondents who rated city/state/federal government response as good or excellent [31]

a. Find proportion of subset who indicated they would use the government for at least one need [33]
b. Find proportion not in subset who indicated they would use the government for at least one need and compare (test unequal proportions)

```
prop_rate_above_ave <- mean(wrangled$rate_gov_all_ave, na.rm = TRUE)

mean_val <- mean(6 - wrangled %>% select(rate_gov_fed, rate_gov_sta, rate_gov_cit) %>% unlist, na.rm = T

wrangled %>% ggplot(aes(x = rate_gov_all_ave)) + geom_bar() + geom_vline(xintercept = mean_val)
```
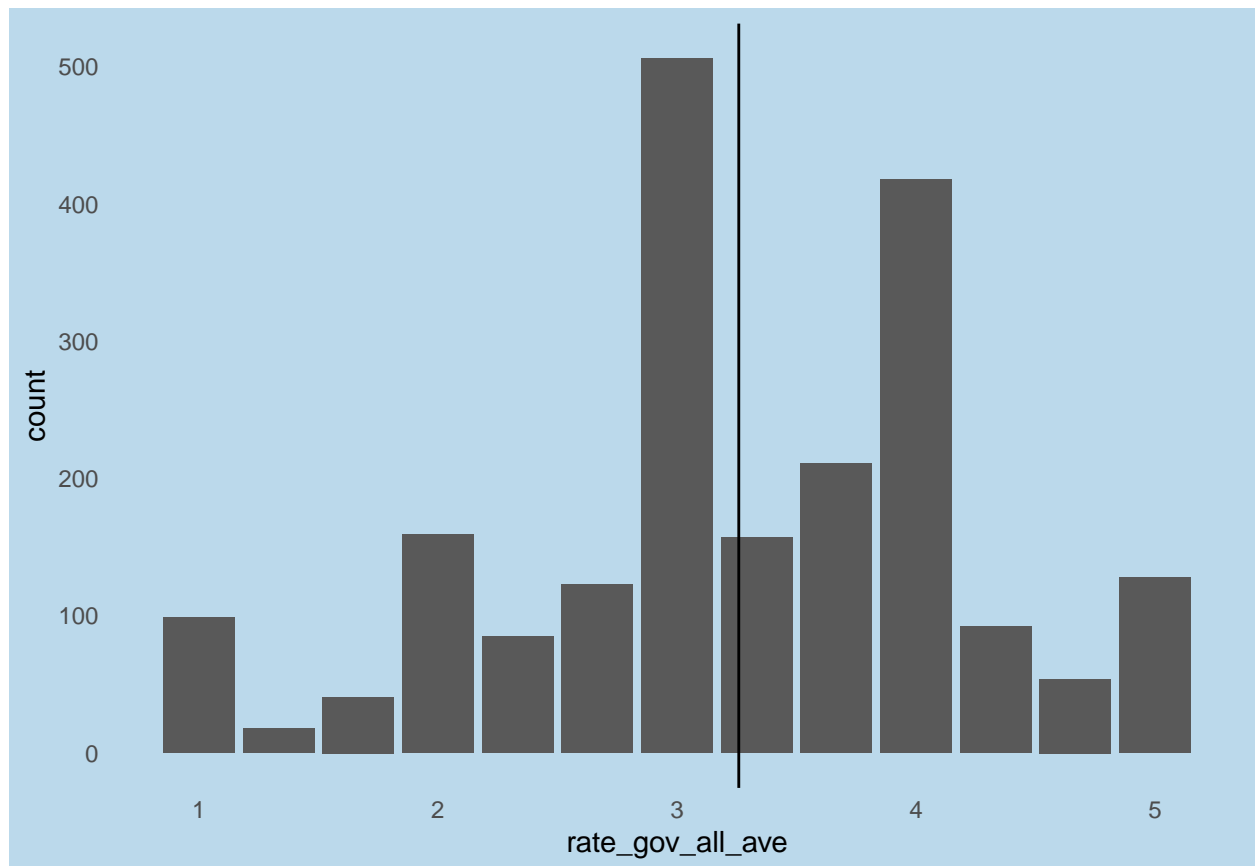
```
make_plots(wrangled, "lr_gov", c("rate_gov_all_bad", "rate_gov_all_good"),
           title = "Rated Federal, State, and City Government (Very) poorly", show = "TRUE")
```

```
## $lr_gov
## $lr_gov$plot
```

Rated Federal, State, And City Government (Very) Poorly by Lr_go

Would Reach Out To Local Government — 32% 524/1661, 13% 219/1661

Would Not Reach Out To Local Government — 29% 124/430, 17% 75/430

rate_gov_all_bad   rate_gov_all_good
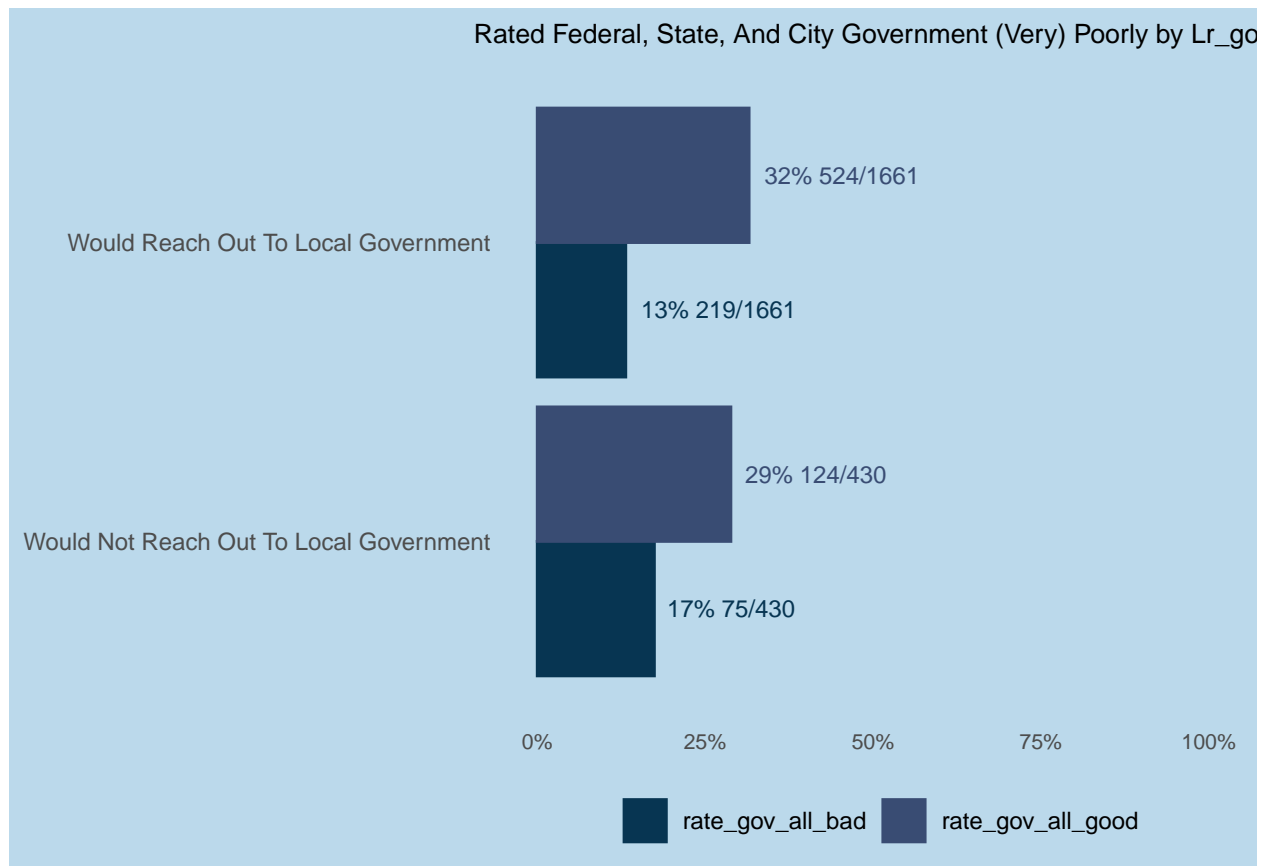
```
##
## $lr_gov$p.values
## $lr_gov$p.values$rate_gov_all_bad
##                                     would reach out to local government
## would reach out to local government                                  NA
## would not reach out to local government                              NA
##                                     would not reach out to local government
## would reach out to local government                                      NA
## would not reach out to local government                                  NA
##
## $lr_gov$p.values$rate_gov_all_good
##                                     would not reach out to local government
## would not reach out to local government                                  NA
## would reach out to local government                                      NA
##                                     would reach out to local government
## would not reach out to local government                              NA
## would reach out to local government                                  NA
```

7.7)Run distribution over the rating of each neighborhood service

1. Run binary distribution for overall rating of all neighborhood services as done for police responsiveness in 7.2

```
rate_neigh <- select(wrangled, starts_with("rate_neigh") & (ends_with("good") | ends_with("bad"))) %>%

lapply(rate_neigh, function(item) {
  make_plots(wrangled, demographics, item, title = item)
})
```

```
## [[1]]
## [[1]]$borough
## [[1]]$borough$plot
```
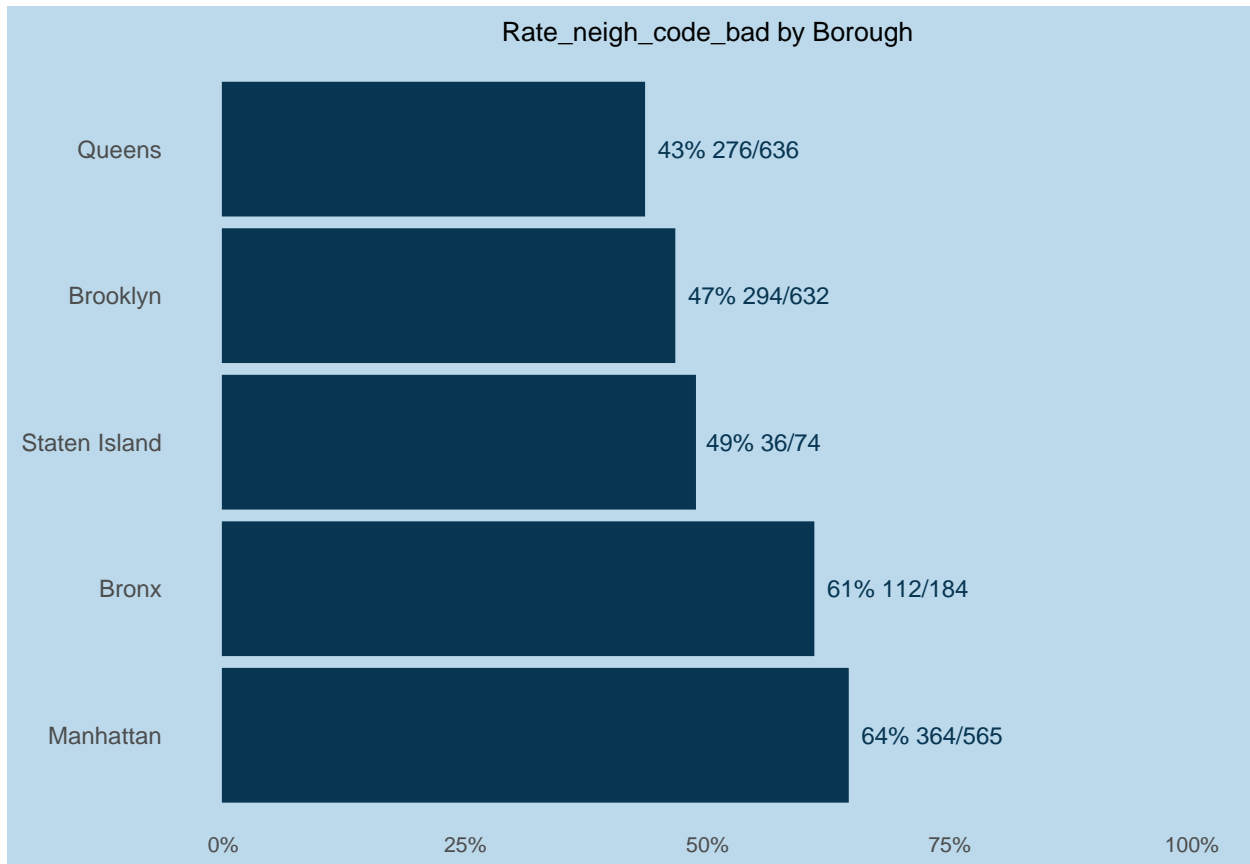


```
##
## [[1]]$borough$p.values
## [[1]]$borough$p.values$rate_neigh_code_bad
##               queens brooklyn staten island   bronx manhattan
## queens            NA       NA            NA 4.2e-05   4.7e-13
## brooklyn          NA       NA            NA 8.3e-04   7.4e-10
## staten island     NA       NA            NA      NA        NA
## bronx        4.2e-05  8.3e-04            NA      NA        NA
## manhattan    4.7e-13  7.4e-10            NA      NA        NA
##
##
##
## [[1]]$gen
## [[1]]$gen$plot
```

Rate_neigh_code_bad by Gen

Category	Value
Transgender	14% 1/7
Male	45% 306/678
Non–Binary	47% 8/17
Female	55% 751/1365
Prefer Not To Say	73% 16/22

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'other'
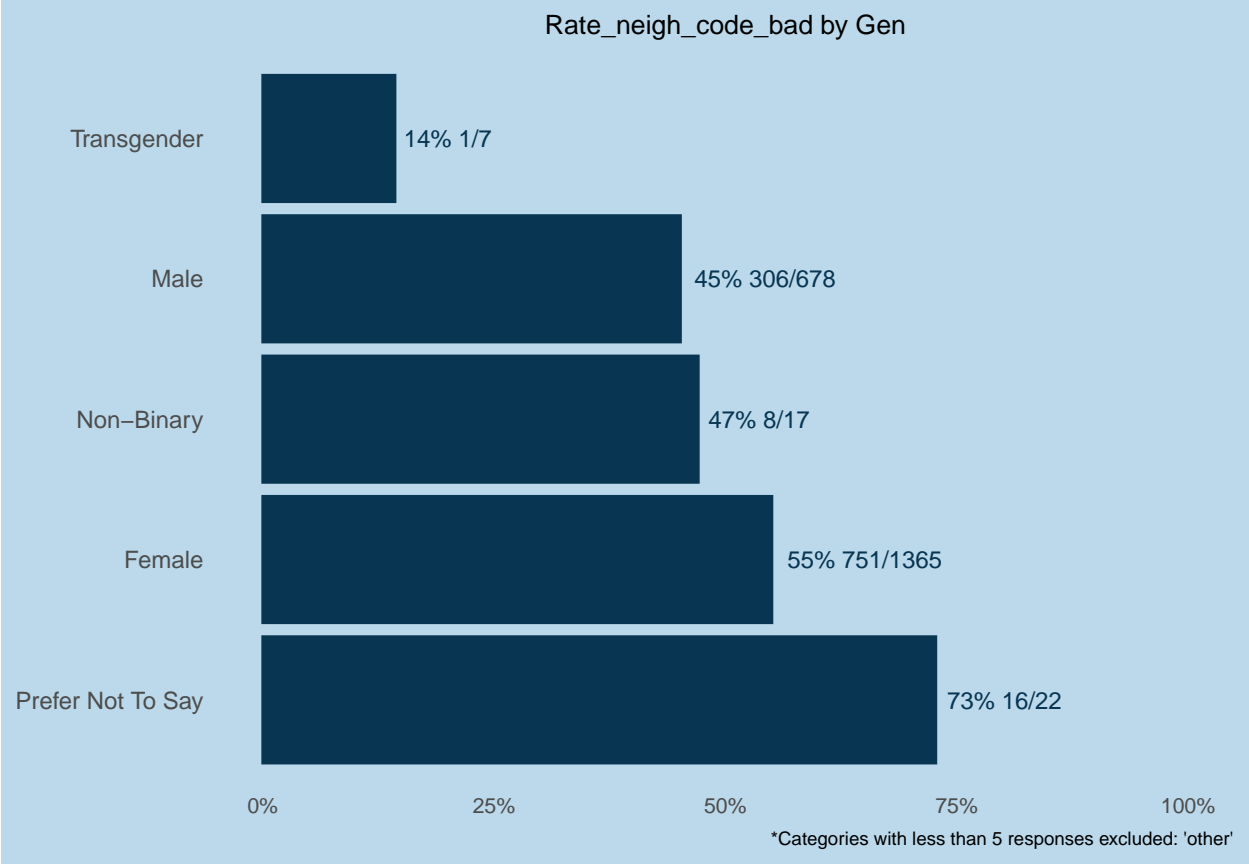
```
## 
## [[1]]$gen$p.values
## [[1]]$gen$p.values$rate_neigh_code_bad
##                    transgender    male non-binary  female prefer not to say
## transgender                NA      NA         NA      NA                NA
## male                       NA      NA         NA 3.1e-05                NA
## non-binary                 NA      NA         NA      NA                NA
## female                     NA 3.1e-05         NA      NA                NA
## prefer not to say          NA      NA         NA      NA                NA
## 
## 
## 
## [[1]]$race_census
## [[1]]$race_census$plot
```

Rate_neigh_code_bad by Race_census

Indigenous American — 33% 2/6
Asian — 42% 101/240
Black Or African American — 47% 219/470
Hispanic Or Latinx — 48% 247/517
White (Non–Hispanic Or Latino) — 58% 399/693
Other — 61% 37/61
Two Or More Races — 74% 40/54

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
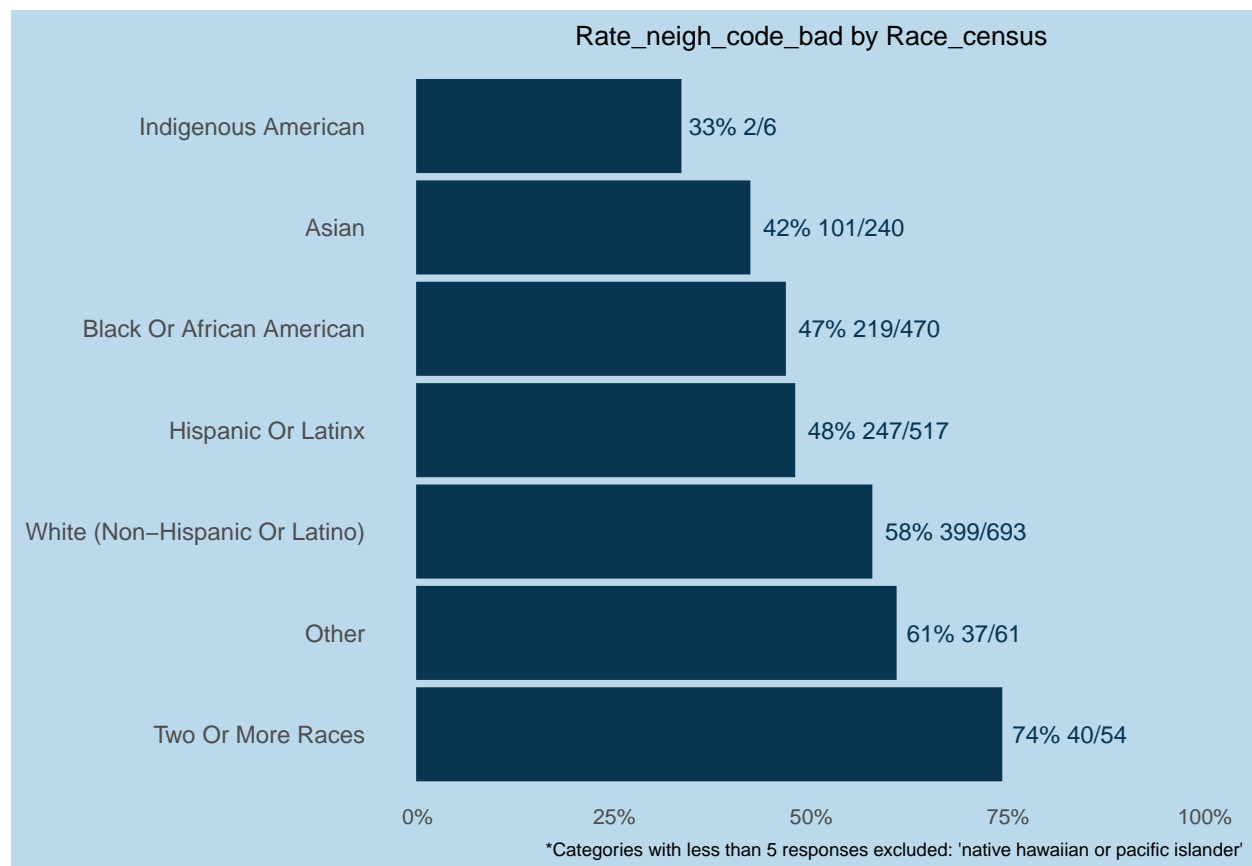
```
## 
## [[1]]$race_census$p.values
## [[1]]$race_census$p.values$rate_neigh_code_bad
##                                 Indigenous American    asian
## Indigenous American                              NA       NA
## asian                                            NA       NA
## black or african american                       NA       NA
## hispanic or latinx                              NA       NA
## white (non-hispanic or latino)                  NA  4.6e-05
## other                                           NA       NA
## two or more races                               NA  4.1e-05
##                                 black or african american hispanic or latinx
## Indigenous American                                    NA                 NA
## asian                                                  NA                 NA
## black or african american                             NA                 NA
## hispanic or latinx                                     NA                 NA
## white (non-hispanic or latino)                    0.00029            0.00089
## other                                                  NA                 NA
## two or more races                                 0.00023            0.00041
##                                 white (non-hispanic or latino) other
## Indigenous American                                         NA    NA
## asian                                                  4.6e-05    NA
## black or african american                              2.9e-04    NA
## hispanic or latinx                                     8.9e-04    NA
## white (non-hispanic or latino)                              NA    NA
## other                                                       NA    NA
```

```
## two or more races                                          NA      NA
##                                    two or more races
## Indigenous American                             NA
## asian                                       4.1e-05
## black or african american                   2.3e-04
## hispanic or latinx                          4.1e-04
## white (non-hispanic or latino)                  NA
## other                                           NA
## two or more races                              NA
##
##
##
## [[1]]$hh_ch_0_17_bi
## [[1]]$hh_ch_0_17_bi$plot
```

Rate_neigh_code_bad by Hh_ch_0_17_bi

Household With Children   45% 339/753

Household Without Children   56% 726/1301

0%   25%   50%   75%   100%
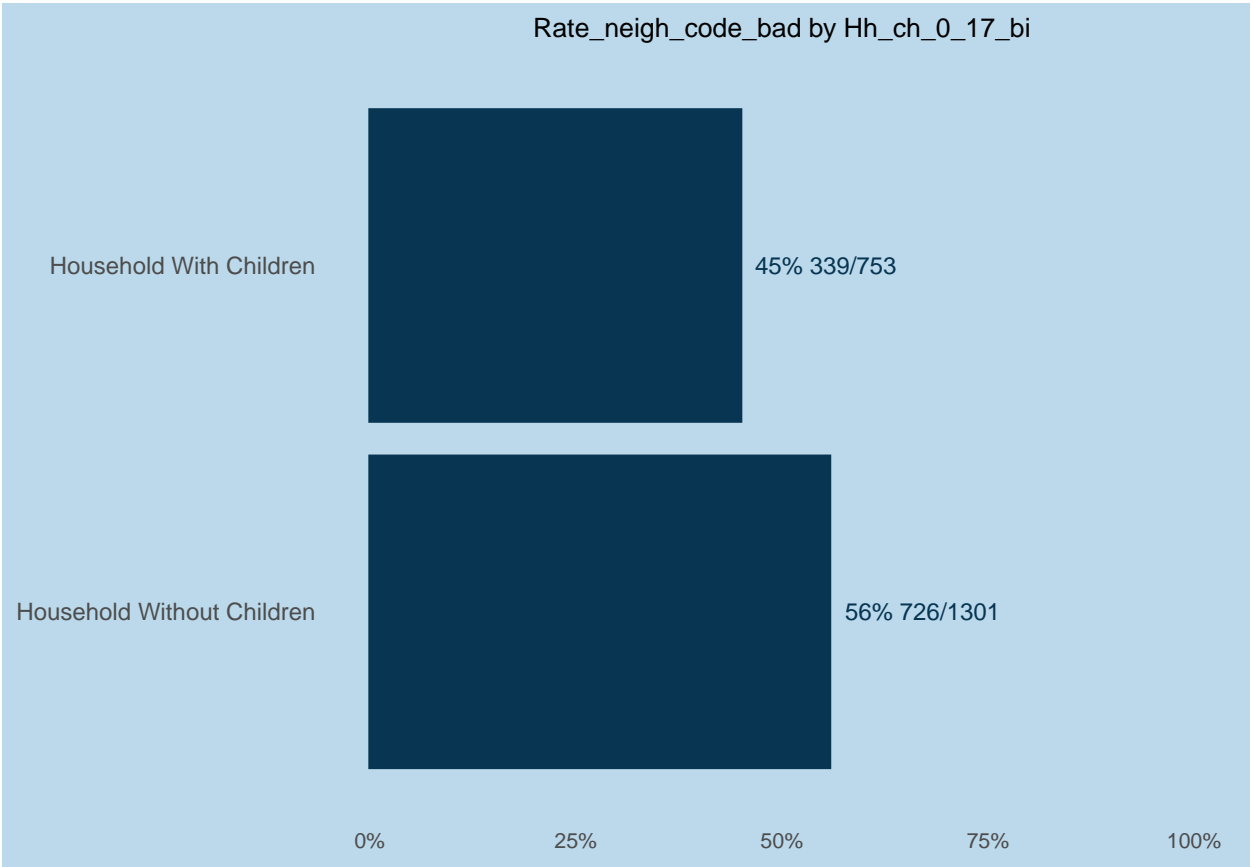
```
##
## [[1]]$hh_ch_0_17_bi$p.values
## [[1]]$hh_ch_0_17_bi$p.values$rate_neigh_code_bad
##                         household with children household without children
## household with children                      NA                    3.1e-06
## household without children              3.1e-06                         NA
##
##
##
## [[1]]$hh_sn_65_bi
## [[1]]$hh_sn_65_bi$plot
```

Rate_neigh_code_bad by Hh_sn_65_bi

Household Without Seniors — 50% 707/1422

Household With Seniors — 57% 358/632

0%   25%   50%   75%   100%
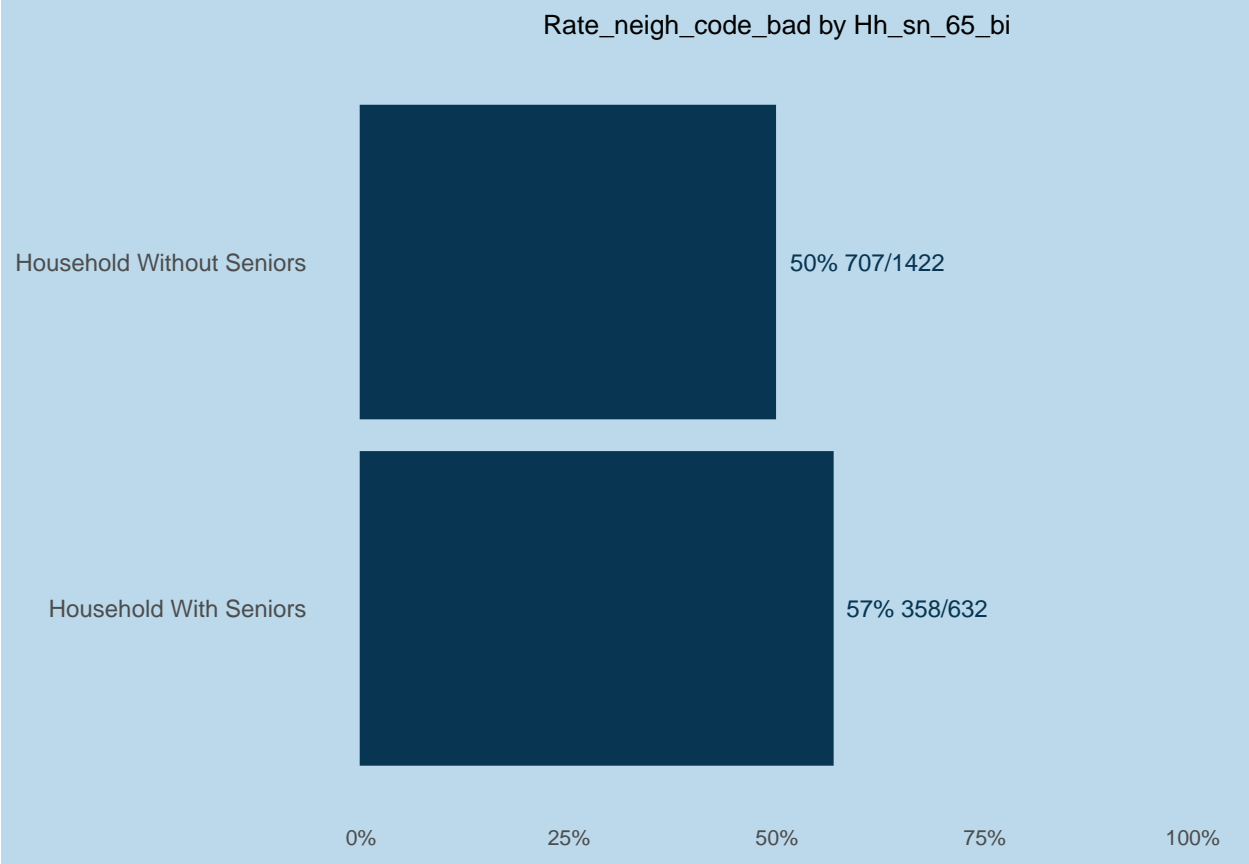
```
## 
## [[1]]$hh_sn_65_bi$p.values
## [[1]]$hh_sn_65_bi$p.values$rate_neigh_code_bad
##                            household without seniors household with seniors
## household without seniors                        NA                 0.0043
## household with seniors                       0.0043                     NA
## 
## 
## 
## [[1]]$inc_dist
## [[1]]$inc_dist$plot
```

Rate_neigh_code_bad by Inc_dist

Below 2020 Poverty Line — 46% 325/708

Below 2020 Median Income — 52% 268/519

At Or Above 2020 Median Income — 57% 489/864

0%   25%   50%   75%   100%
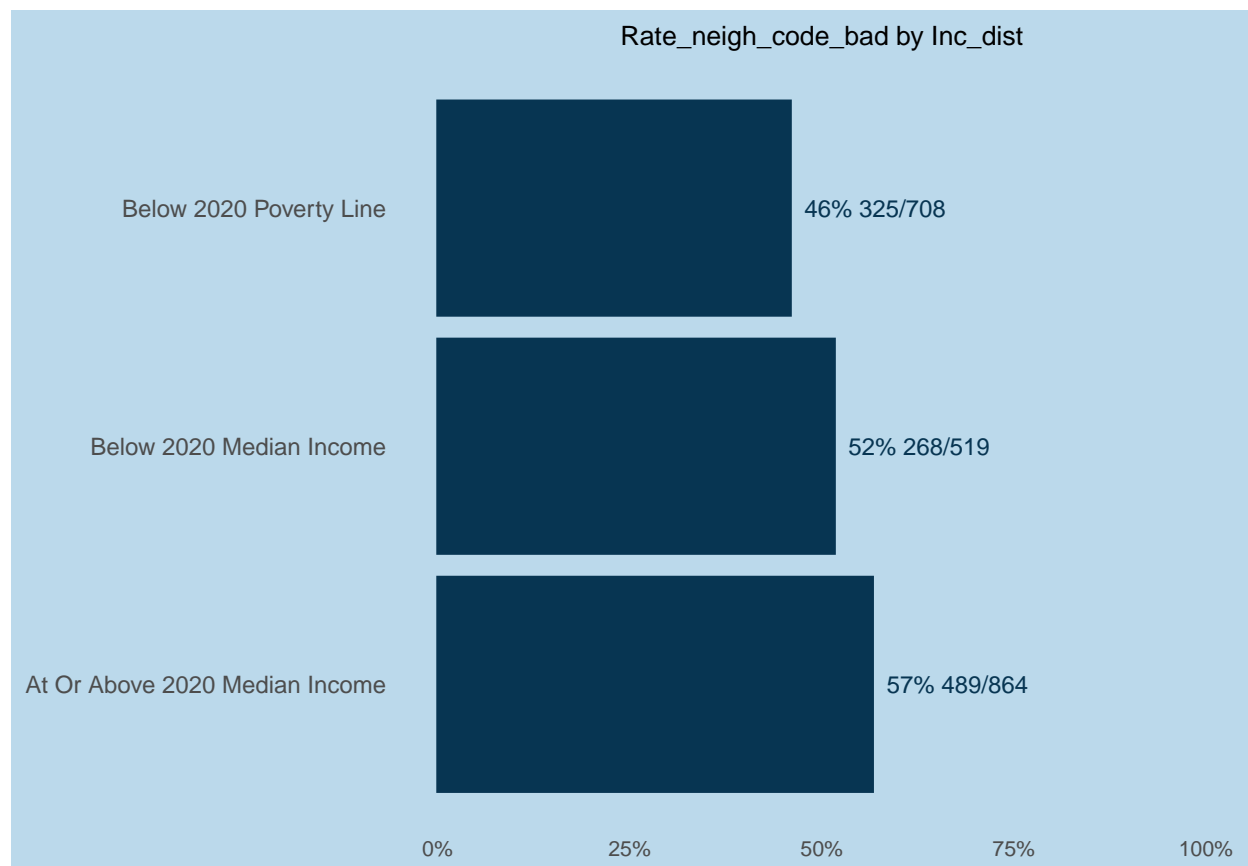
```
##
## [[1]]$inc_dist$p.values
## [[1]]$inc_dist$p.values$rate_neigh_code_bad
##                              below 2020 poverty line below 2020 median income
## below 2020 poverty line                           NA                       NA
## below 2020 median income                          NA                       NA
## at or above 2020 median income                 3e-05                       NA
##                              at or above 2020 median income
## below 2020 poverty line                                3e-05
## below 2020 median income                                  NA
## at or above 2020 median income                            NA
##
##
##
##
## [[2]]
## [[2]]$borough
## [[2]]$borough$plot
```

Rate_neigh_code_good by Borough

Borough		
Manhattan		14% 78/565
Bronx		15% 28/184
Staten Island		22% 16/74
Queens		25% 160/636
Brooklyn		28% 179/632

0%   25%   50%   75%   100%
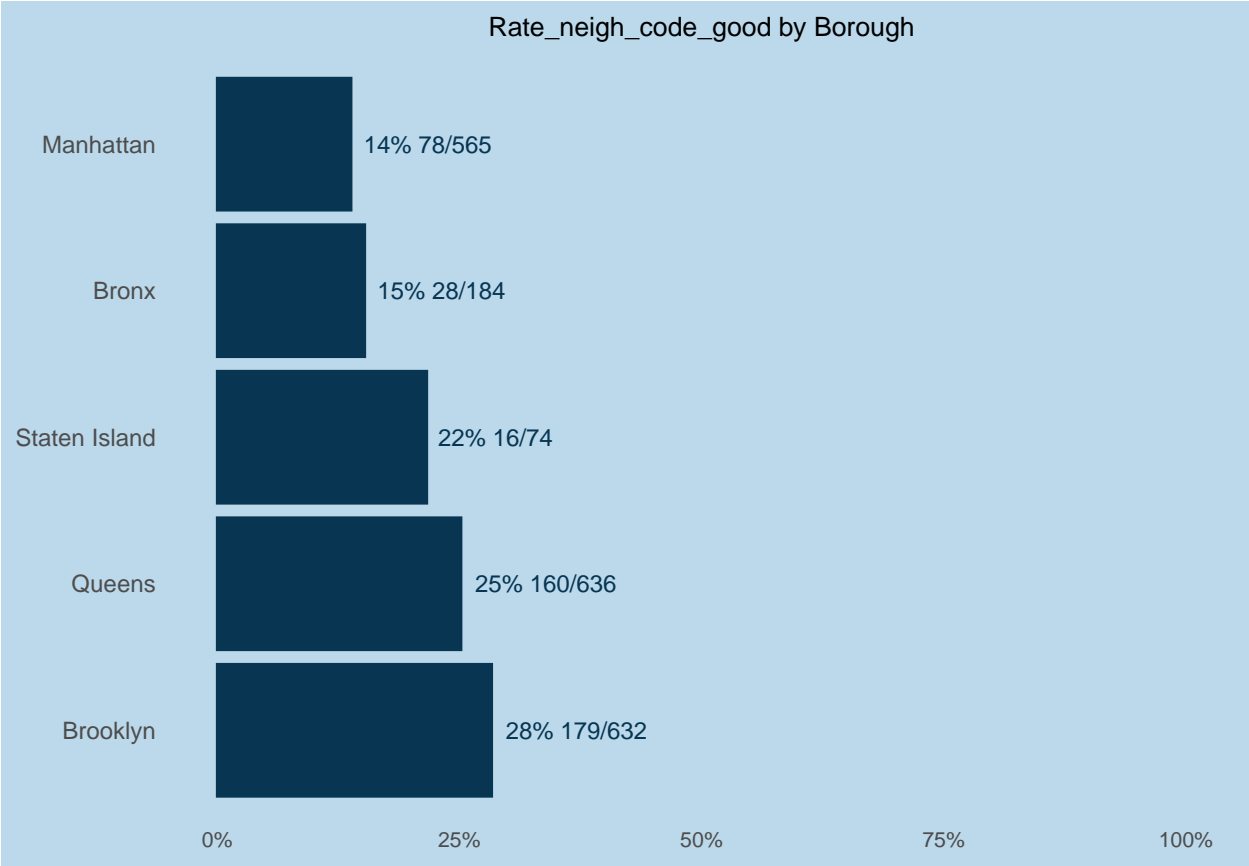
```
##
## [[2]]$borough$p.values
## [[2]]$borough$p.values$rate_neigh_code_good
##                 manhattan   bronx staten island  queens brooklyn
## manhattan              NA      NA            NA 1.2e-06  1.6e-09
## bronx                  NA      NA            NA 6.4e-03  4.7e-04
## staten island          NA      NA            NA      NA       NA
## queens            1.2e-06 0.00640            NA      NA       NA
## brooklyn          1.6e-09 0.00047            NA      NA       NA
##
##
##
## [[2]]$gen
## [[2]]$gen$plot
```

Rate_neigh_code_good by Gen

Prefer Not To Say	9.1% 2/22
Female	19% 263/1365
Non–Binary	24% 4/17
Male	27% 186/678
Transgender	57% 4/7

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'other'
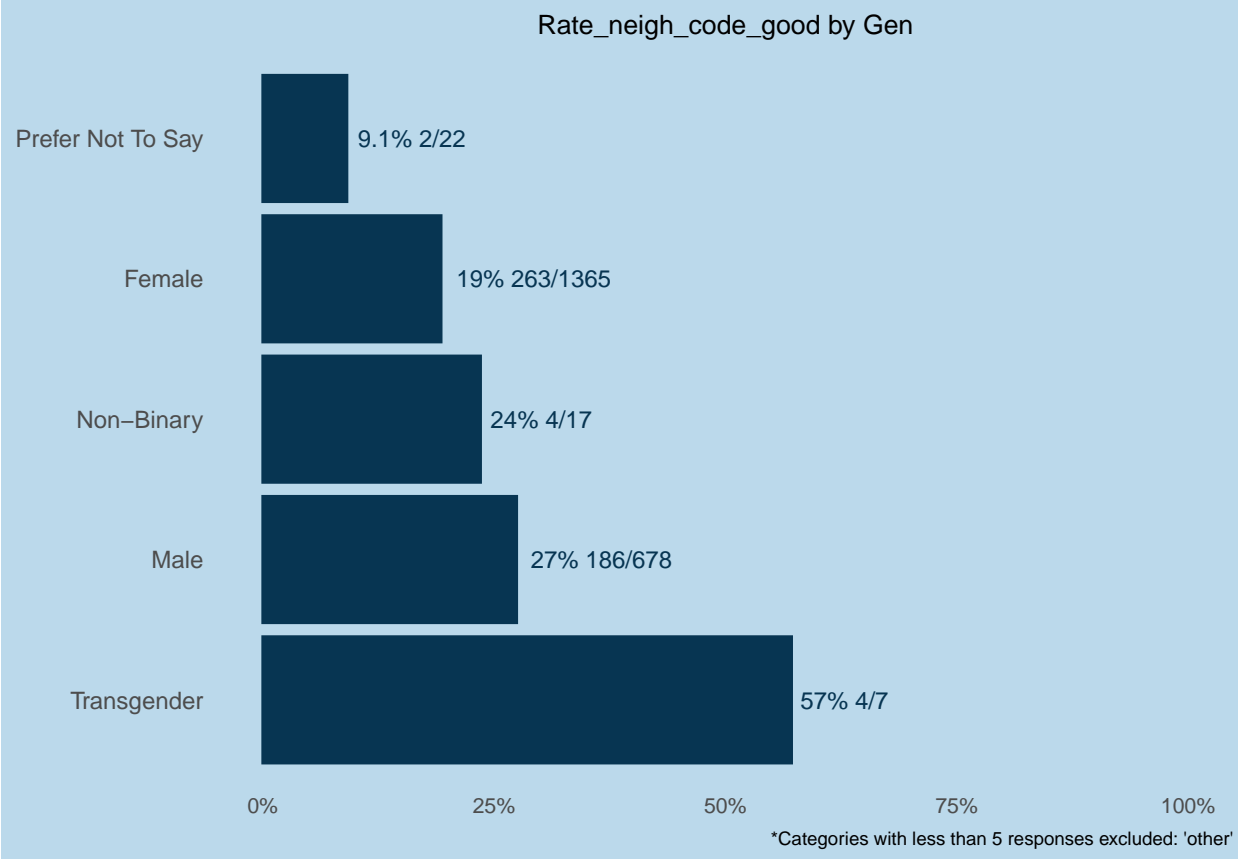
```
## 
## [[2]]$gen$p.values
## [[2]]$gen$p.values$rate_neigh_code_good
##                   prefer not to say   female non-binary    male transgender
## prefer not to say                NA       NA         NA      NA          NA
## female                           NA       NA         NA 3.5e-05          NA
## non-binary                       NA       NA         NA      NA          NA
## male                             NA 3.5e-05         NA      NA          NA
## transgender                      NA       NA         NA      NA          NA
## 
## 
## 
## [[2]]$race_census
## [[2]]$race_census$plot
```

Rate_neigh_code_good by Race_census

Race_census	Value
Other	8.2% 5/61
Two Or More Races	11% 6/54
Indigenous American	17% 1/6
White (Non–Hispanic Or Latino)	20% 140/693
Hispanic Or Latinx	25% 128/517
Black Or African American	25% 118/470
Asian	25% 61/240

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
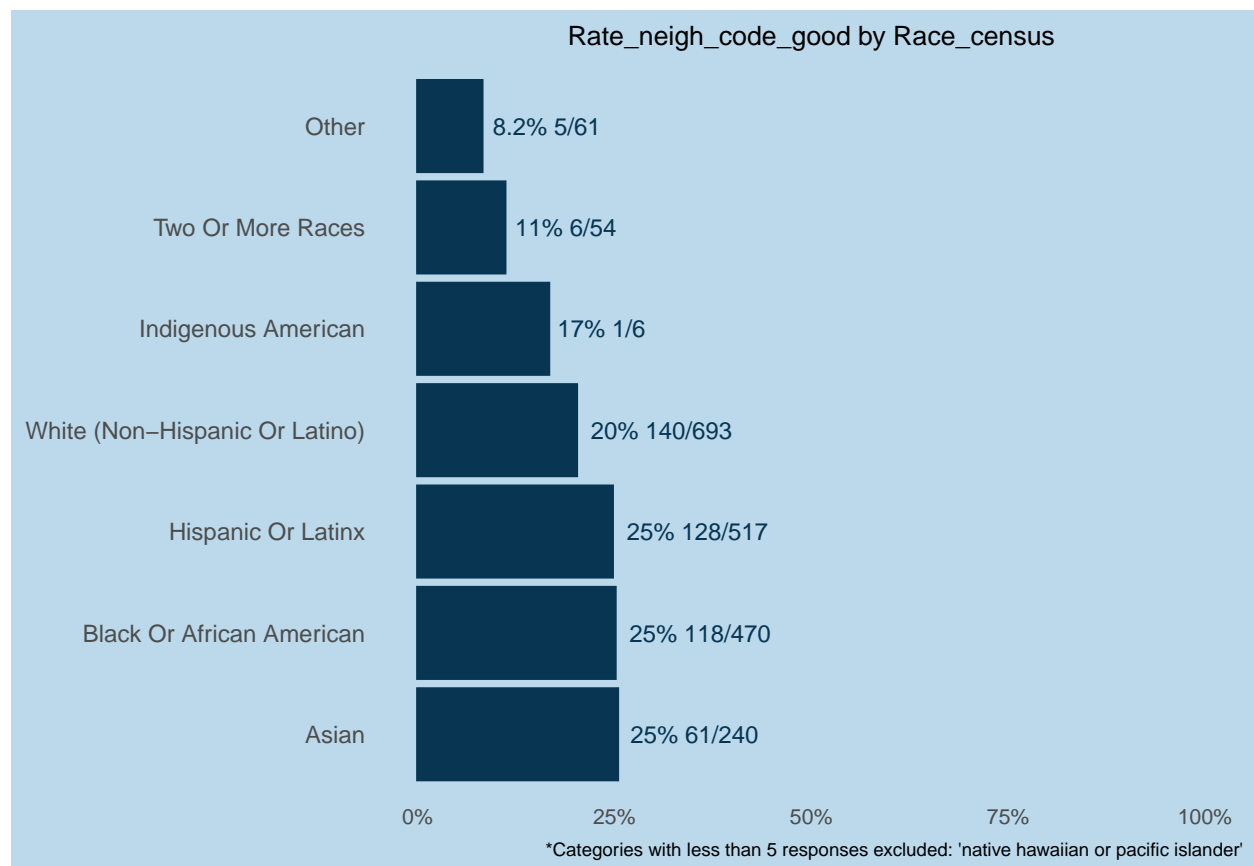
```
##
## [[2]]$race_census$p.values
## [[2]]$race_census$p.values$rate_neigh_code_good
##                                other two or more races Indigenous American
## other                            NA                 NA                  NA
## two or more races                NA                 NA                  NA
## Indigenous American              NA                 NA                  NA
## white (non-hispanic or latino)   NA                 NA                  NA
## hispanic or latinx            0.0060                 NA                  NA
## black or african american     0.0054                 NA                  NA
## asian                         0.0063                 NA                  NA
##                                white (non-hispanic or latino)
## other                                                      NA
## two or more races                                          NA
## Indigenous American                                        NA
## white (non-hispanic or latino)                             NA
## hispanic or latinx                                         NA
## black or african american                                 NA
## asian                                                      NA
##                                hispanic or latinx black or african american
## other                                       0.006                    0.0054
## two or more races                              NA                        NA
## Indigenous American                            NA                        NA
## white (non-hispanic or latino)                 NA                        NA
## hispanic or latinx                             NA                        NA
## black or african american                      NA                        NA
```

```
## asian                                          NA                        NA
##                               asian
## other                        0.0063
## two or more races              NA
## Indigenous American            NA
## white (non-hispanic or latino) NA
## hispanic or latinx             NA
## black or african american      NA
## asian                          NA
##
##
##
## [[2]]$hh_ch_0_17_bi
## [[2]]$hh_ch_0_17_bi$plot
```
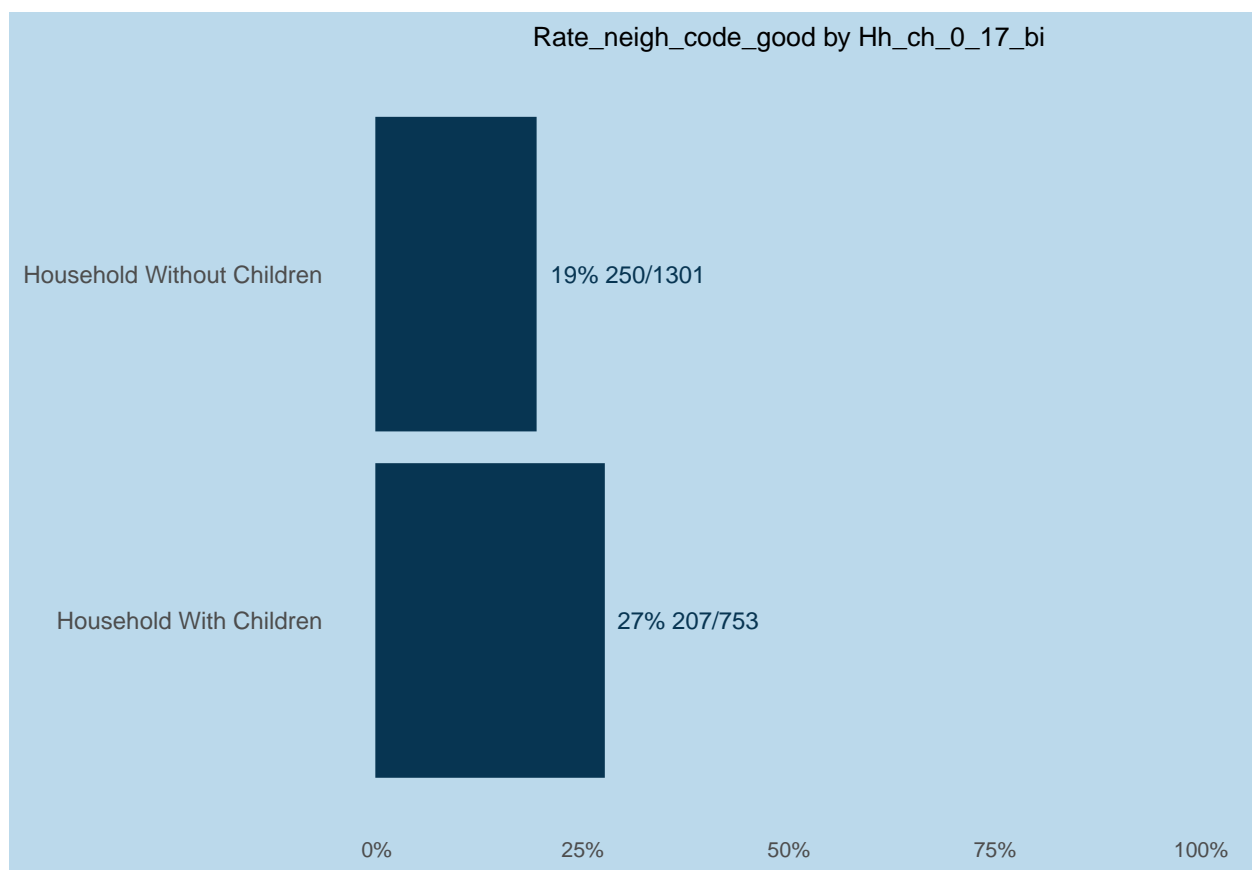


```
##
## [[2]]$hh_ch_0_17_bi$p.values
## [[2]]$hh_ch_0_17_bi$p.values$rate_neigh_code_good
##                              household without children household with children
## household without children                         NA                  1.8e-05
## household with children                        1.8e-05                       NA
##
##
##
## [[2]]$hh_sn_65_bi
```

```
## NULL
##
## [[2]]$inc_dist
## [[2]]$inc_dist$plot
```


Rate_neigh_code_good by Inc_dist

Below 2020 Median Income	18% 96/519
At Or Above 2020 Median Income	21% 181/864
Below 2020 Poverty Line	26% 184/708

0%   25%   50%   75%   100%
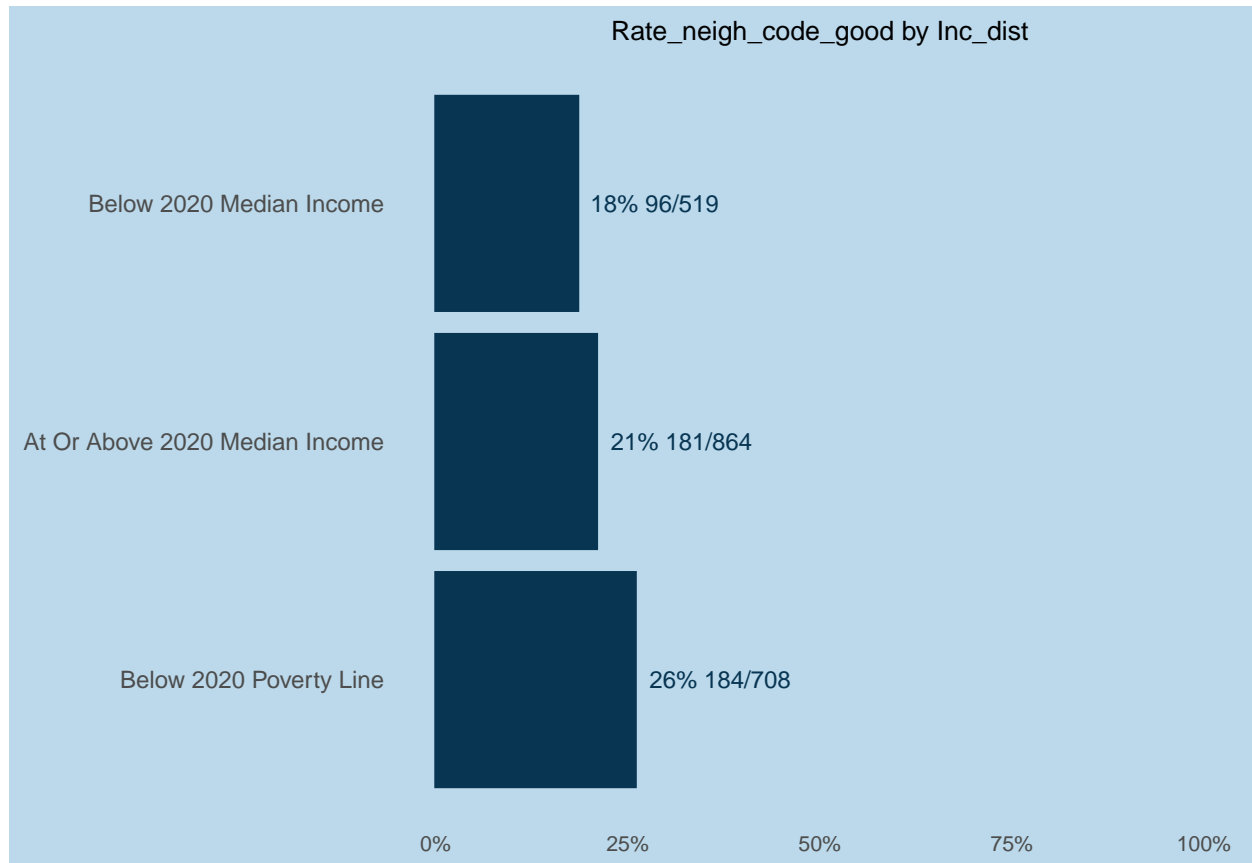
```
##
## [[2]]$inc_dist$p.values
## [[2]]$inc_dist$p.values$rate_neigh_code_good
##                                below 2020 median income
## below 2020 median income                            NA
## at or above 2020 median income                      NA
## below 2020 poverty line                         0.0025
##                              at or above 2020 median income
## below 2020 median income                            NA
## at or above 2020 median income                      NA
## below 2020 poverty line                             NA
##                                below 2020 poverty line
## below 2020 median income                        0.0025
## at or above 2020 median income                      NA
## below 2020 poverty line                             NA
##
##
##
##
## [[3]]
```

```
## [[3]]$borough
## [[3]]$borough$plot
```


Rate_neigh_pol_bad by Borough
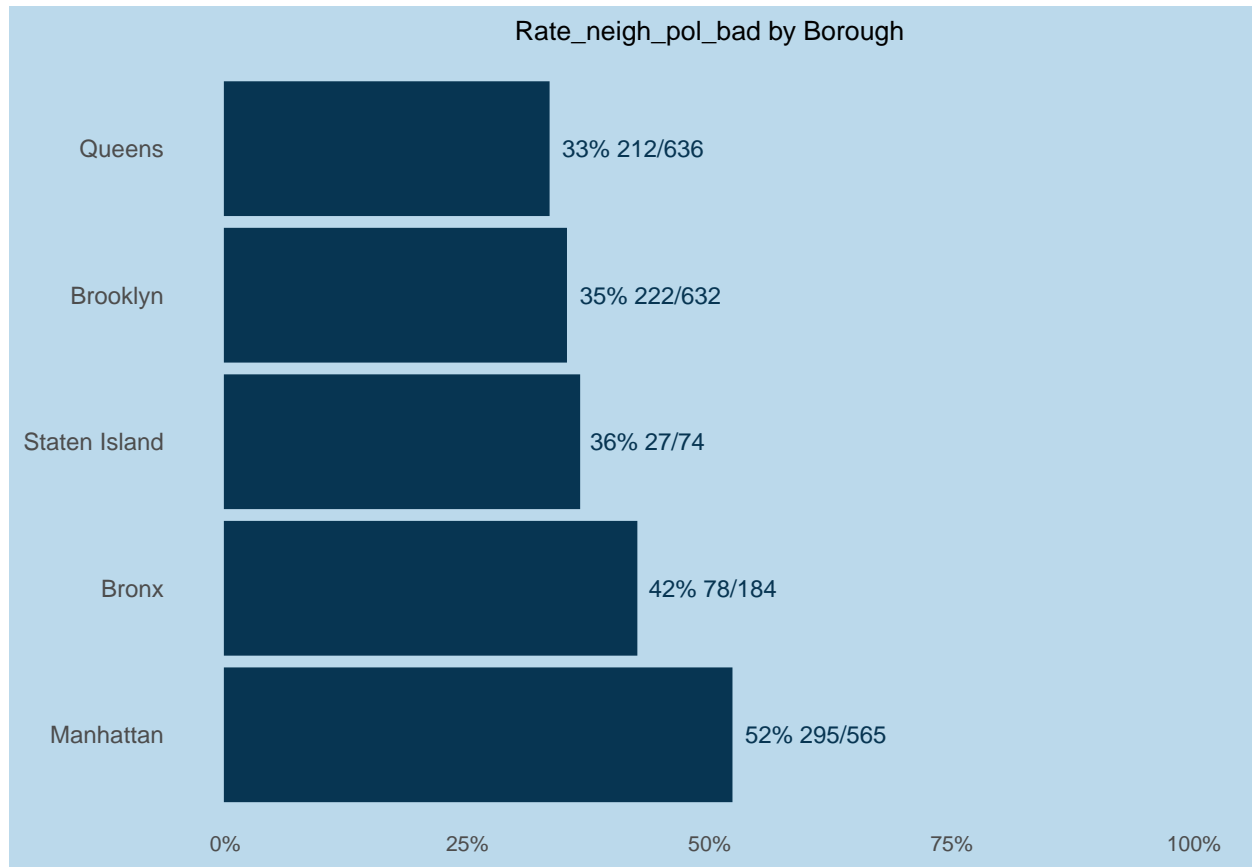
```
##
## [[3]]$borough$p.values
## [[3]]$borough$p.values$rate_neigh_pol_bad
##                queens brooklyn staten island bronx manhattan
## queens             NA       NA            NA    NA   5.6e-11
## brooklyn           NA       NA            NA    NA   3.7e-09
## staten island      NA       NA            NA    NA        NA
## bronx              NA       NA            NA    NA        NA
## manhattan     5.6e-11  3.7e-09            NA    NA        NA
##
##
##
## [[3]]$gen
## [[3]]$gen$plot
```

Rate_neigh_pol_bad by Gen
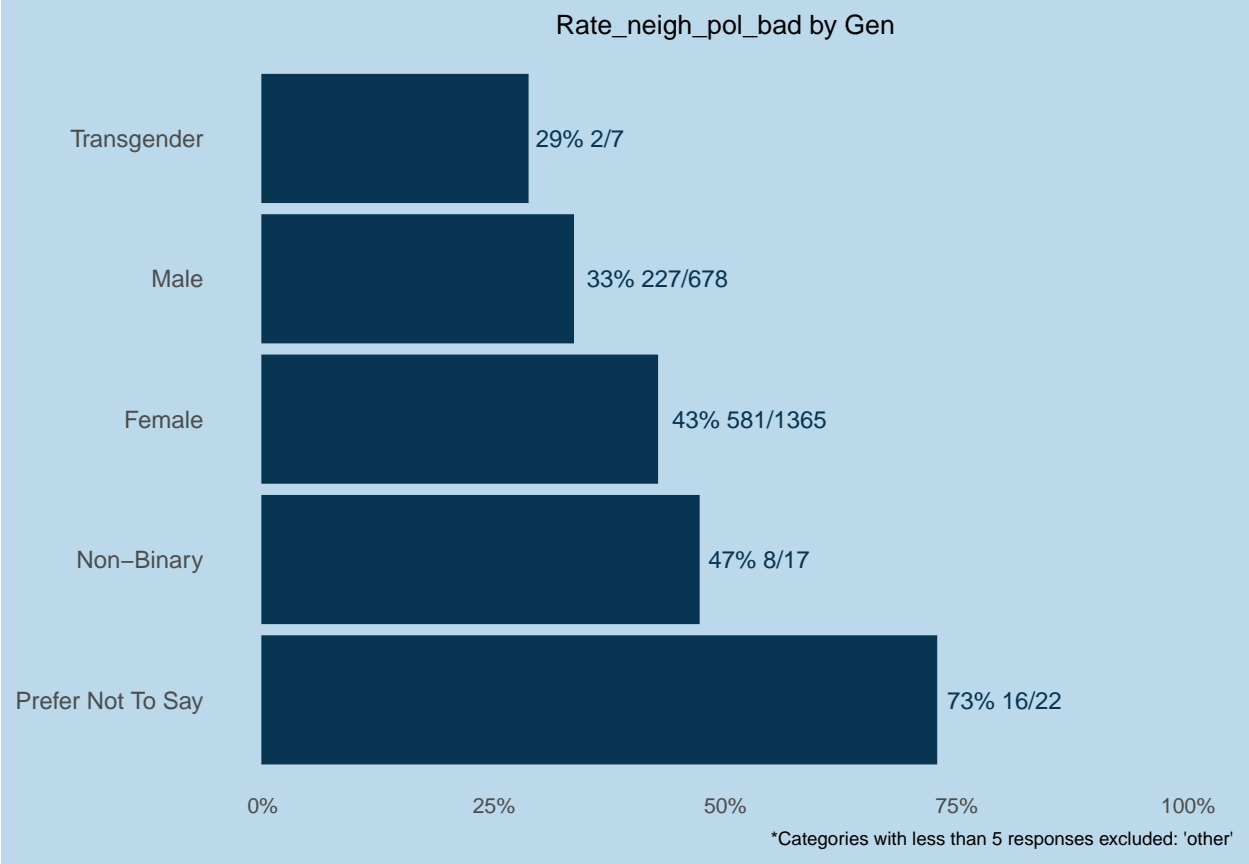

```
##
## [[3]]$gen$p.values
## [[3]]$gen$p.values$rate_neigh_pol_bad
##                  transgender     male    female non-binary prefer not to say
## transgender               NA       NA        NA         NA                NA
## male                      NA       NA   9.4e-05         NA           0.00035
## female                    NA  9.4e-05        NA         NA           0.00890
## non-binary                NA       NA        NA         NA                NA
## prefer not to say         NA  3.5e-04   8.9e-03         NA                NA
##
##
##
## [[3]]$race_census
## [[3]]$race_census$plot
```

Rate_neigh_pol_bad by Race_census

Race	Rate
Asian	34% 81/240
Black Or African American	34% 162/470
Hispanic Or Latinx	38% 194/517
White (Non–Hispanic Or Latino)	44% 308/693
Other	46% 28/61
Indigenous American	50% 3/6
Two Or More Races	59% 32/54

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
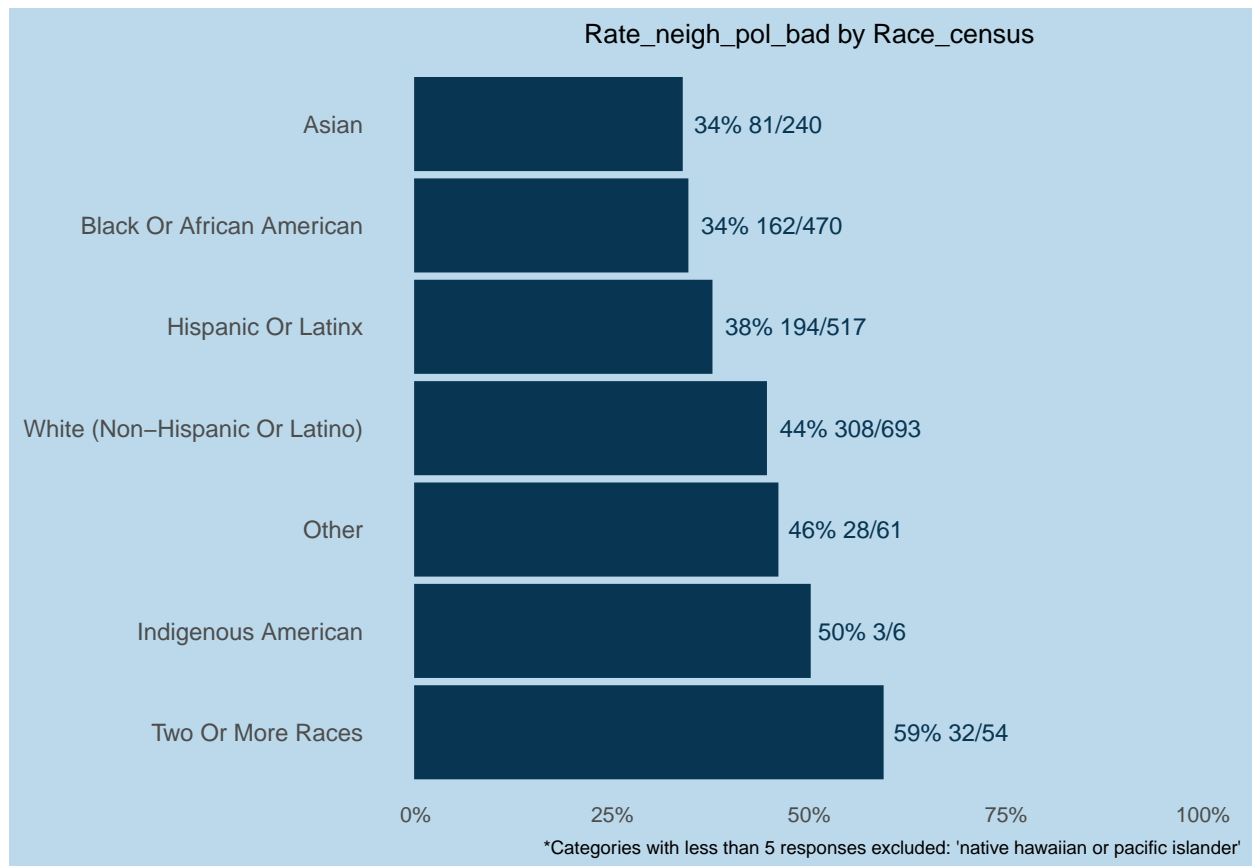
```
## 
## [[3]]$race_census$p.values
## [[3]]$race_census$p.values$rate_neigh_pol_bad
##                               asian black or african american
## asian                            NA                         NA
## black or african american       NA                         NA
## hispanic or latinx               NA                         NA
## white (non-hispanic or latino) 0.00480                  0.00083
## other                            NA                         NA
## Indigenous American              NA                         NA
## two or more races             0.00088                  0.00062
##                               hispanic or latinx
## asian                                         NA
## black or african american                    NA
## hispanic or latinx                           NA
## white (non-hispanic or latino)               NA
## other                                        NA
## Indigenous American                          NA
## two or more races                         0.0031
##                               white (non-hispanic or latino) other
## asian                                                0.00480    NA
## black or african american                            0.00083    NA
## hispanic or latinx                                        NA    NA
## white (non-hispanic or latino)                           NA    NA
## other                                                    NA    NA
## Indigenous American                                      NA    NA
```

```
## two or more races                                       NA      NA
##                               Indigenous American two or more races
## asian                                           NA         0.00088
## black or african american                       NA         0.00062
## hispanic or latinx                              NA         0.00310
## white (non-hispanic or latino)                  NA              NA
## other                                           NA              NA
## Indigenous American                             NA              NA
## two or more races                               NA              NA
##
##
##
## [[3]]$hh_ch_0_17_bi
## [[3]]$hh_ch_0_17_bi$plot
```



```
##
## [[3]]$hh_ch_0_17_bi$p.values
## [[3]]$hh_ch_0_17_bi$p.values$rate_neigh_pol_bad
##                          household with children household without children
## household with children                      NA                     6.8e-07
## household without children              6.8e-07                          NA
##
##
##
## [[3]]$hh_sn_65_bi
```

```
## NULL
##
## [[3]]$inc_dist
## NULL
##
##
## [[4]]
## [[4]]$borough
## [[4]]$borough$plot
```

Rate_neigh_pol_good by Borough

Manhattan	25% 139/565
Bronx	27% 49/184
Queens	39% 247/636
Staten Island	41% 30/74
Brooklyn	42% 263/632

0% 25% 50% 75% 100%
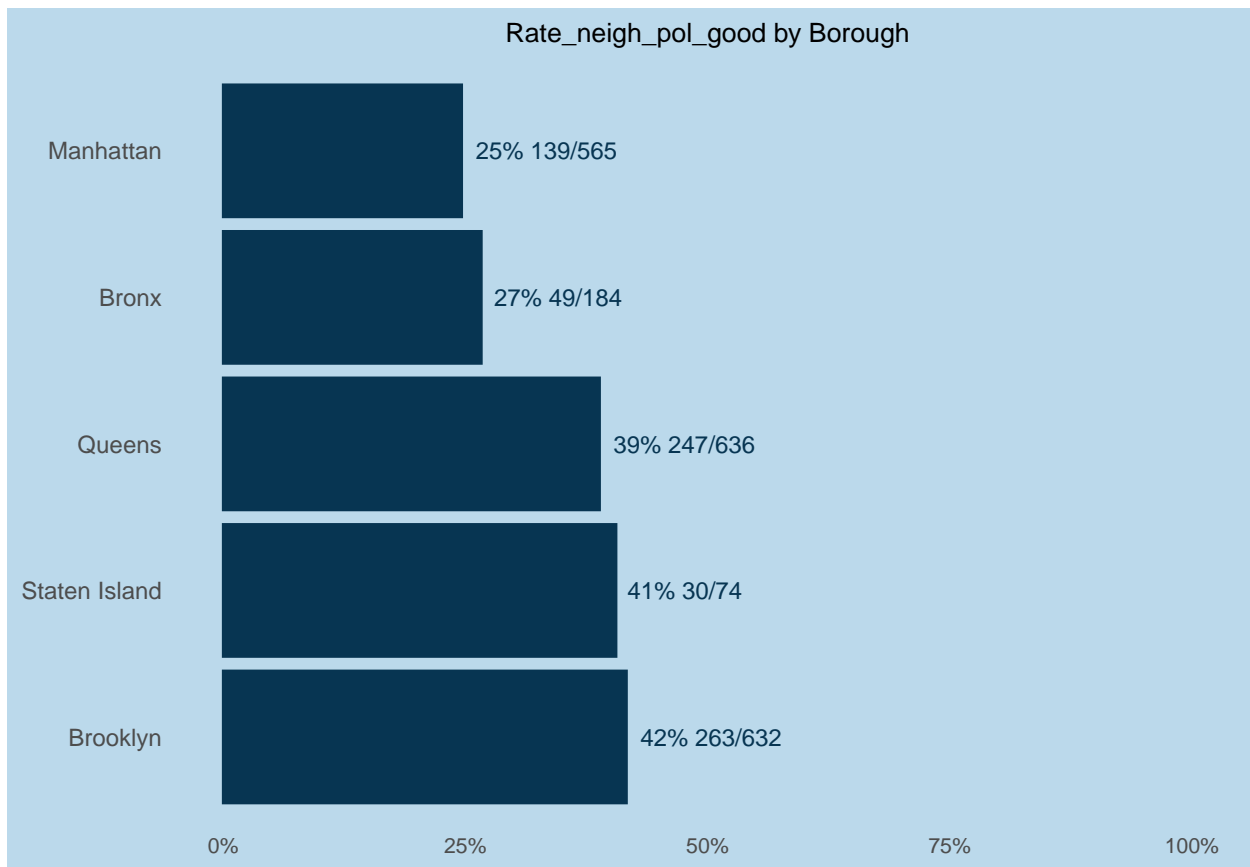
```
##
## [[4]]$borough$p.values
## [[4]]$borough$p.values$rate_neigh_pol_good
##               manhattan    bronx  queens staten island brooklyn
## manhattan            NA       NA 1.9e-07        0.0054  7.3e-10
## bronx                NA       NA 3.2e-03            NA  3.2e-04
## queens          1.9e-07  0.00320      NA            NA       NA
## staten island   5.4e-03       NA      NA            NA       NA
## brooklyn        7.3e-10  0.00032      NA            NA       NA
##
##
##
## [[4]]$gen
## [[4]]$gen$plot
```

Rate_neigh_pol_good by Gen

Prefer Not To Say		14% 3/22
Non–Binary		18% 3/17
Female		32% 440/1365
Male		41% 277/678
Transgender		43% 3/7

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'other'
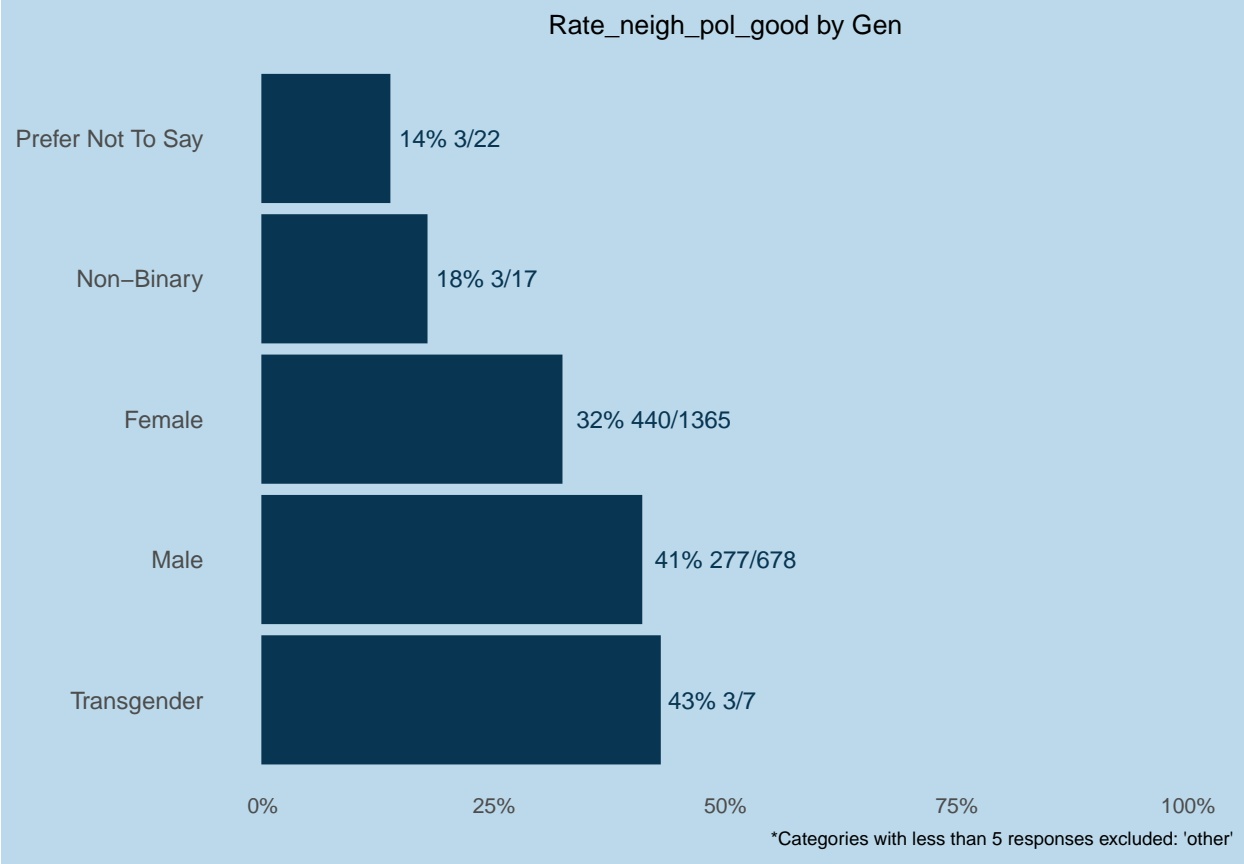
```
## 
## [[4]]$gen$p.values
## [[4]]$gen$p.values$rate_neigh_pol_good
##                   prefer not to say non-binary  female    male transgender
## prefer not to say                NA         NA      NA      NA          NA
## non-binary                       NA         NA      NA      NA          NA
## female                           NA         NA      NA 0.00015          NA
## male                             NA         NA 0.00015      NA          NA
## transgender                      NA         NA      NA      NA          NA
## 
## 
## 
## [[4]]$race_census
## NULL
## 
## [[4]]$hh_ch_0_17_bi
## NULL
## 
## [[4]]$hh_sn_65_bi
## NULL
## 
## [[4]]$inc_dist
## NULL
## 
## 
## [[5]]
```

```
## [[5]]$borough
## [[5]]$borough$plot
```


Rate_neigh_pre_bad by Borough

Borough	Value
Brooklyn	39% 246/632
Queens	40% 255/636
Staten Island	53% 39/74
Manhattan	56% 319/565
Bronx	62% 115/184
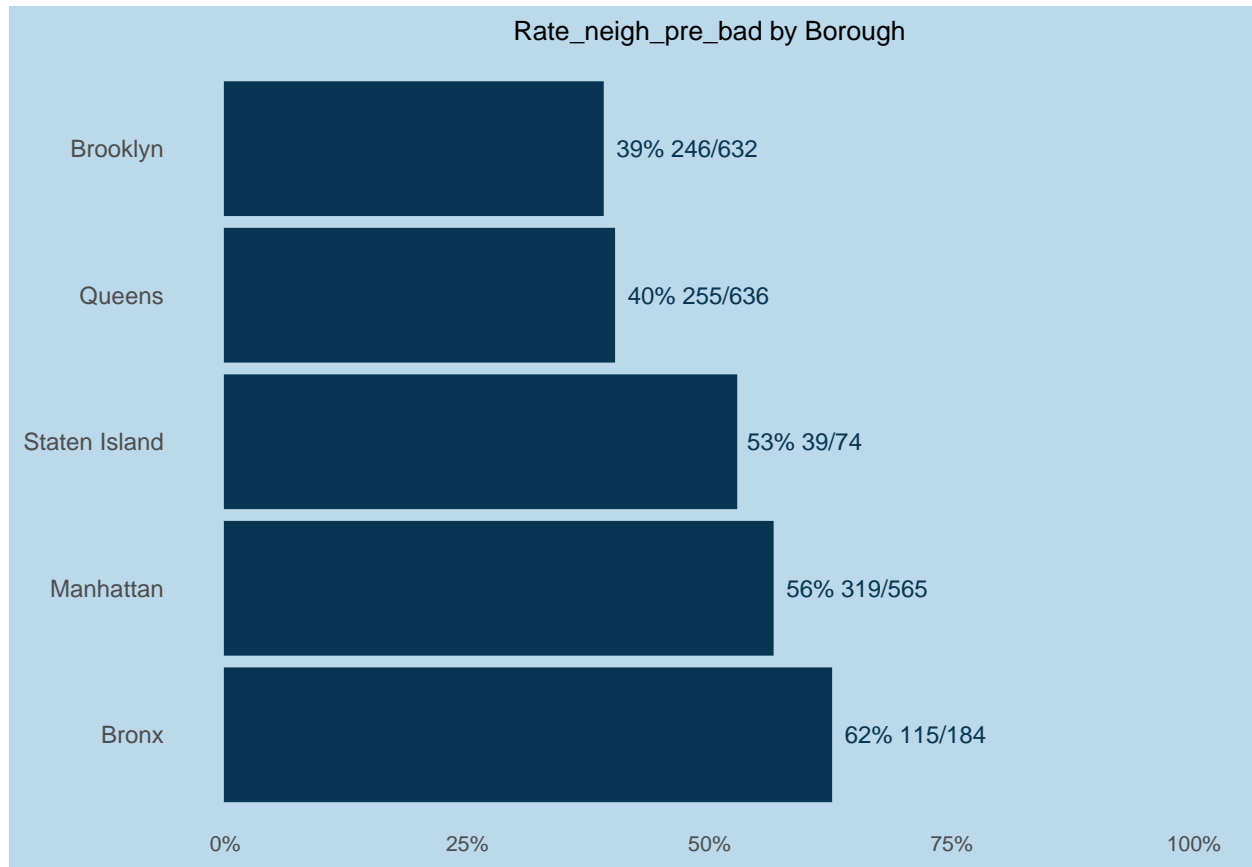
```
##
## [[5]]$borough$p.values
## [[5]]$borough$p.values$rate_neigh_pre_bad
##                brooklyn  queens staten island manhattan   bronx
## brooklyn             NA      NA            NA   1.9e-09 2.4e-08
## queens               NA      NA            NA   2.0e-08 1.2e-07
## staten island        NA      NA            NA        NA      NA
## manhattan       1.9e-09 2.0e-08            NA        NA      NA
## bronx           2.4e-08 1.2e-07            NA        NA      NA
##
##
##
## [[5]]$gen
## [[5]]$gen$plot
```

Rate_neigh_pre_bad by Gen

Transgender — 29% 2/7

Male — 38% 260/678

Non–Binary — 47% 8/17

Female — 50% 689/1365

Prefer Not To Say — 68% 15/22

*Categories with less than 5 responses excluded: 'other'
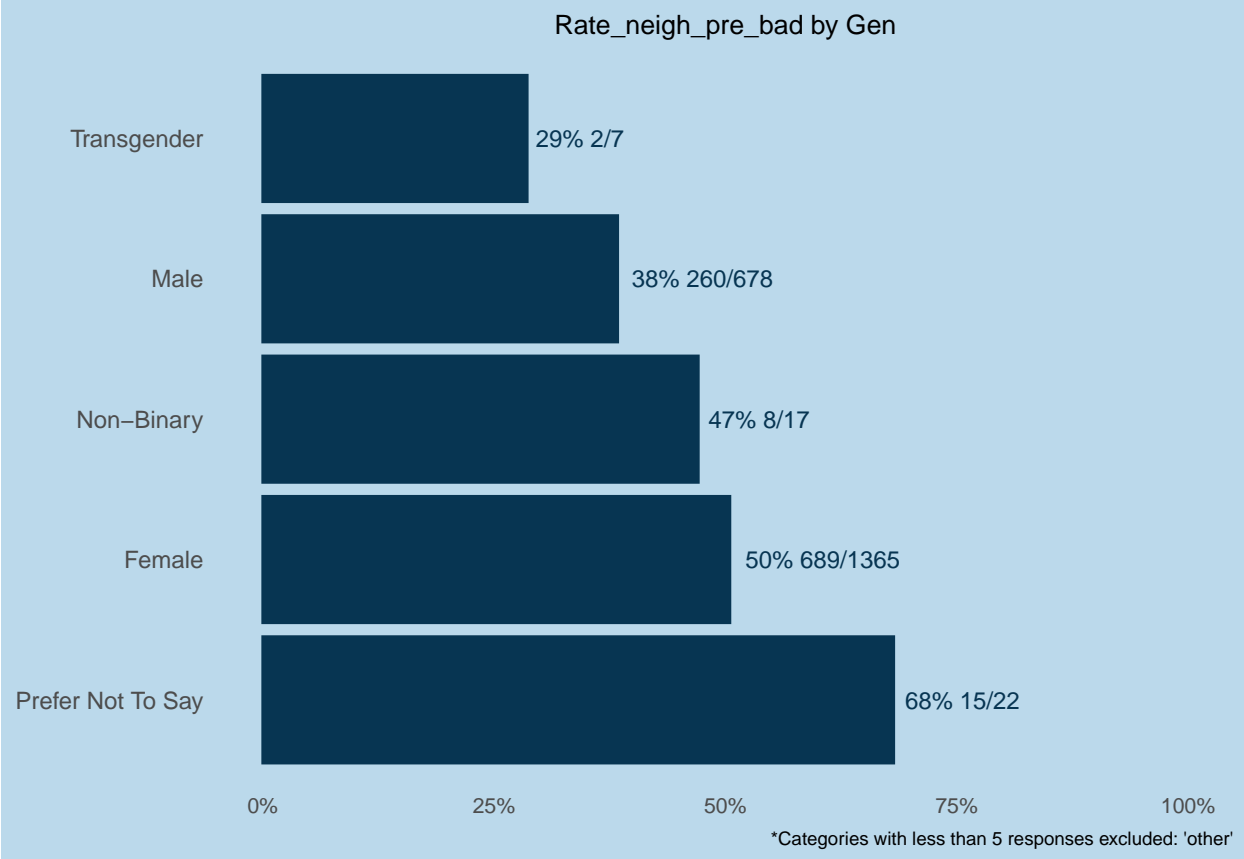
```
##
## [[5]]$gen$p.values
## [[5]]$gen$p.values$rate_neigh_pre_bad
##                    transgender     male non-binary   female prefer not to say
## transgender                NA       NA         NA       NA                NA
## male                       NA       NA         NA 2.9e-07            0.0094
## non-binary                 NA       NA         NA       NA                NA
## female                     NA 2.9e-07         NA       NA                NA
## prefer not to say          NA 9.4e-03         NA       NA                NA
##
##
##
## [[5]]$race_census
## [[5]]$race_census$plot
```

Rate_neigh_pre_bad by Race_census

Race	Rate
Asian	40% 96/240
White (Non–Hispanic Or Latino)	44% 307/693
Black Or African American	46% 214/470
Two Or More Races	50% 27/54
Indigenous American	50% 3/6
Hispanic Or Latinx	51% 265/517
Other	52% 32/61

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
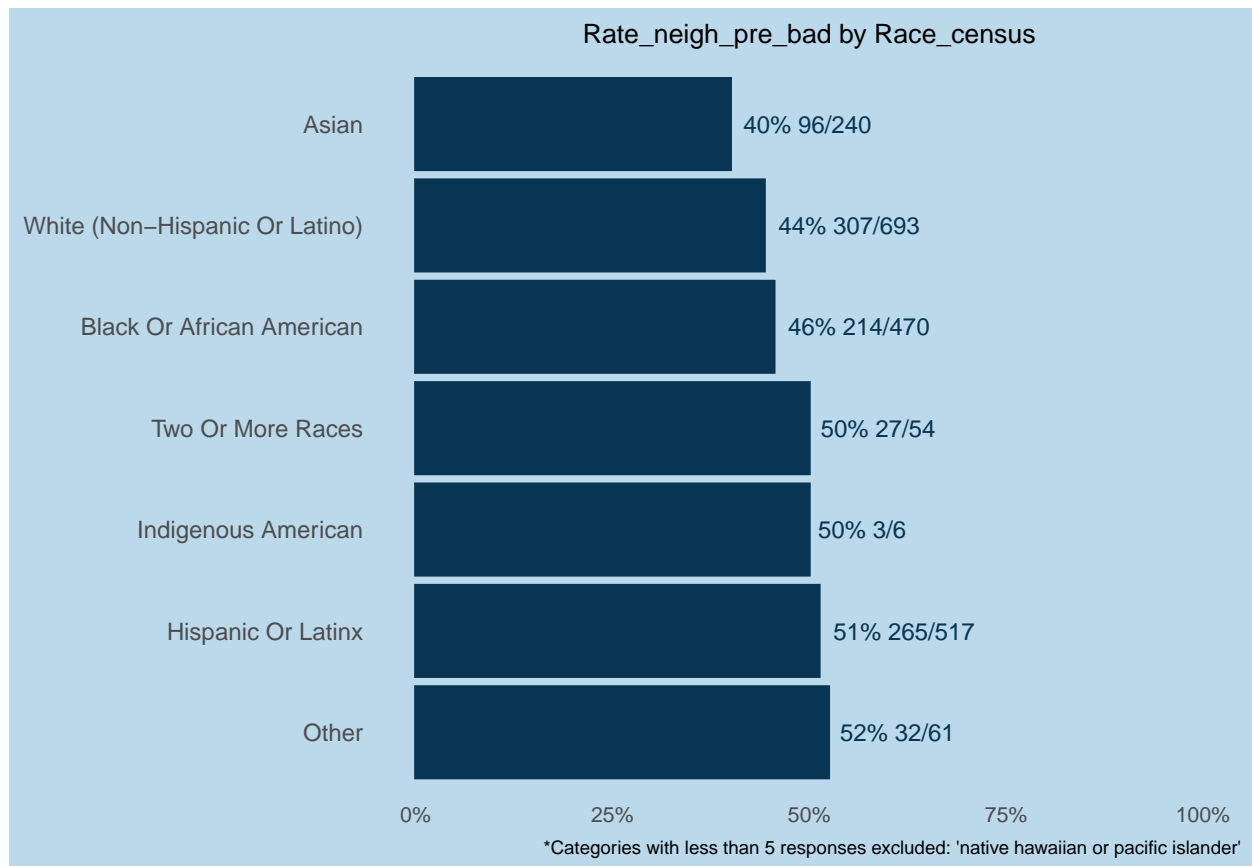
```
##
## [[5]]$race_census$p.values
## [[5]]$race_census$p.values$rate_neigh_pre_bad
##                                 asian white (non-hispanic or latino)
## asian                             NA                              NA
## white (non-hispanic or latino)    NA                              NA
## black or african american        NA                              NA
## Indigenous American               NA                              NA
## two or more races                NA                              NA
## hispanic or latinx             0.005                              NA
## other                             NA                              NA
##                                 black or african american Indigenous American
## asian                                                  NA                   NA
## white (non-hispanic or latino)                         NA                   NA
## black or african american                             NA                   NA
## Indigenous American                                    NA                   NA
## two or more races                                      NA                   NA
## hispanic or latinx                                     NA                   NA
## other                                                  NA                   NA
##                                 two or more races hispanic or latinx other
## asian                                          NA              0.005    NA
## white (non-hispanic or latino)                 NA                 NA    NA
## black or african american                      NA                 NA    NA
## Indigenous American                            NA                 NA    NA
## two or more races                              NA                 NA    NA
## hispanic or latinx                             NA                 NA    NA
```

```
## other                                     NA            NA    NA
##
##
##
## [[5]]$hh_ch_0_17_bi
## NULL
##
## [[5]]$hh_sn_65_bi
## NULL
##
## [[5]]$inc_dist
## [[5]]$inc_dist$plot
```
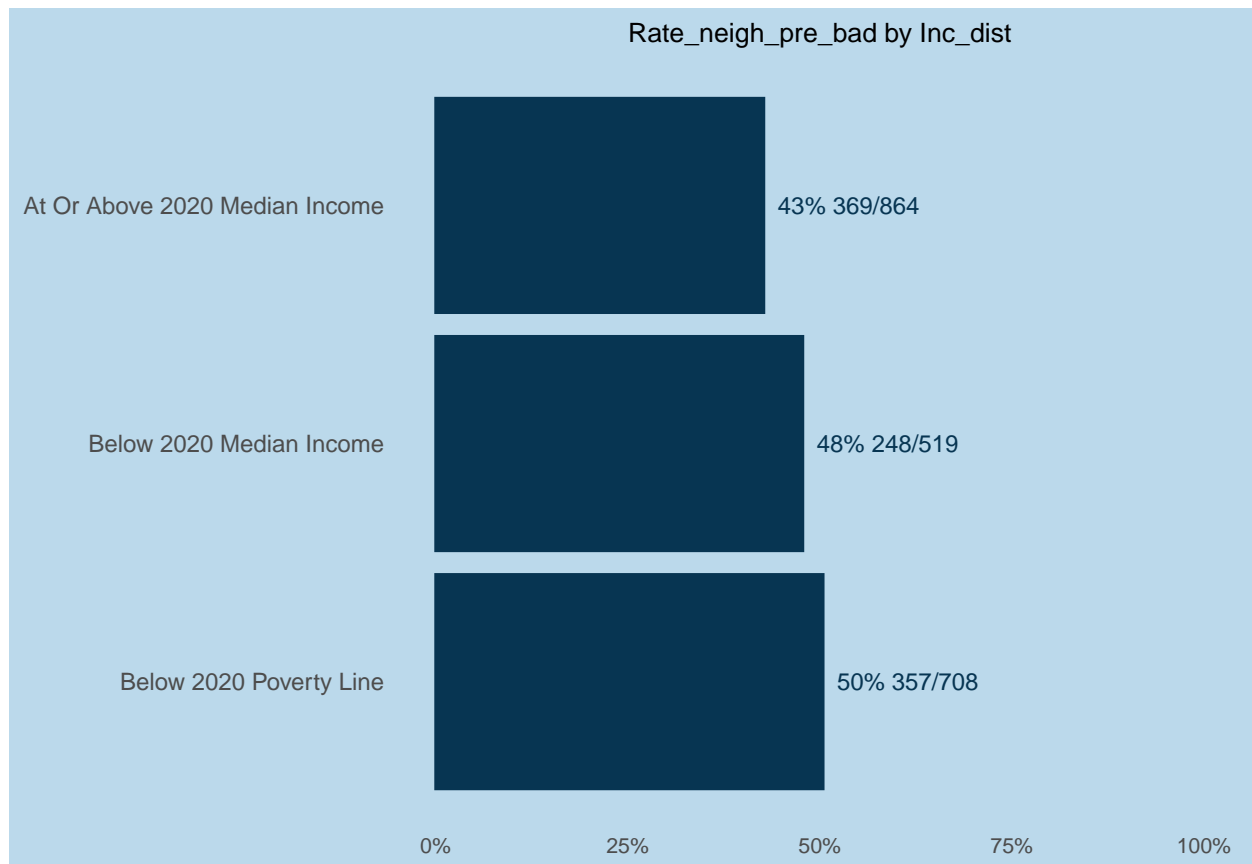


```
##
## [[5]]$inc_dist$p.values
## [[5]]$inc_dist$p.values$rate_neigh_pre_bad
##                                 at or above 2020 median income
## at or above 2020 median income                             NA
## below 2020 median income                                   NA
## below 2020 poverty line                               0.0027
##                                 below 2020 median income below 2020 poverty line
## at or above 2020 median income                       NA                   0.0027
## below 2020 median income                             NA                       NA
## below 2020 poverty line                              NA                       NA
##
```
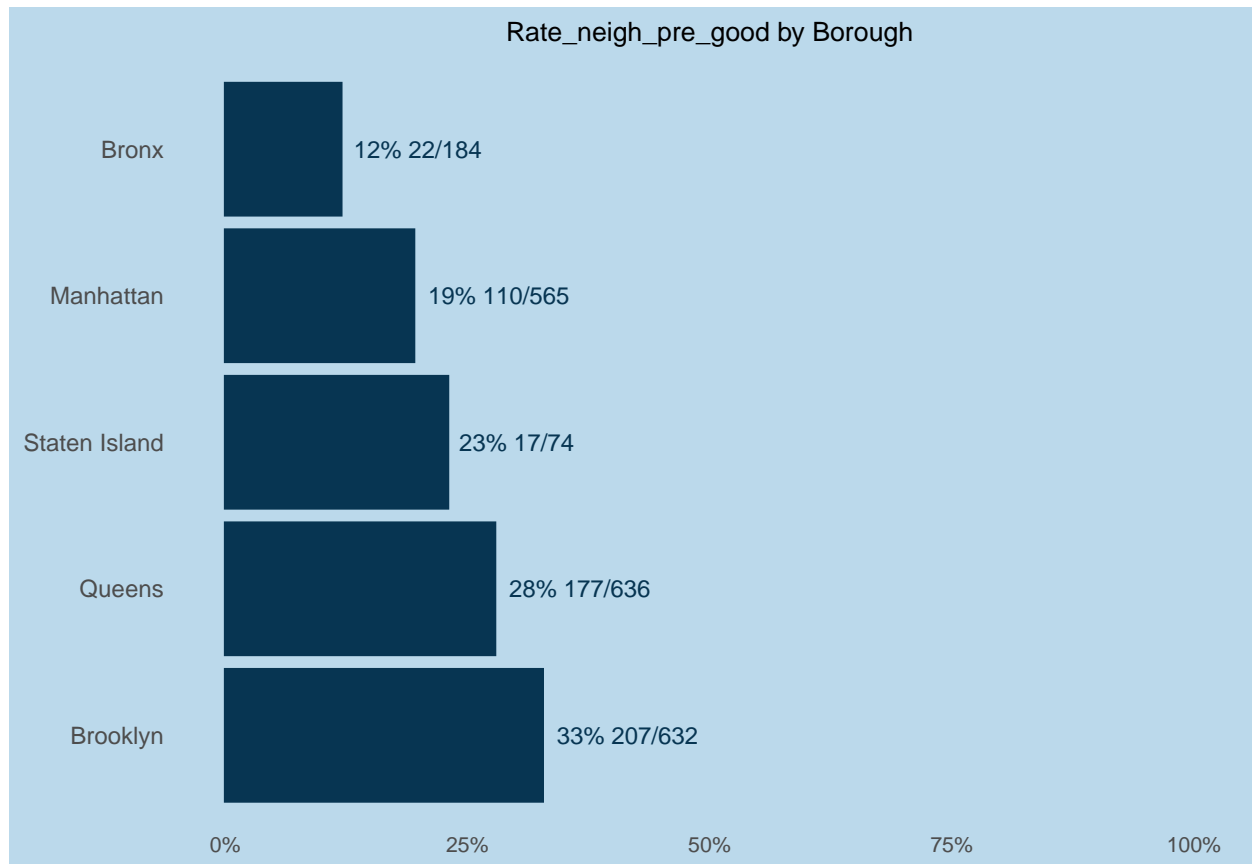
```
##
##
##
## [[6]]
## [[6]]$borough
## [[6]]$borough$plot
```

Rate_neigh_pre_good by Borough

Borough		
Bronx		12% 22/184
Manhattan		19% 110/565
Staten Island		23% 17/74
Queens		28% 177/636
Brooklyn		33% 207/632

0%   25%   50%   75%   100%

```
##
## [[6]]$borough$p.values
## [[6]]$borough$p.values$rate_neigh_pre_good
##                bronx manhattan staten island  queens brooklyn
## bronx             NA        NA            NA 1.5e-05  5.6e-08
## manhattan         NA        NA            NA 8.9e-04  2.8e-07
## staten island     NA        NA            NA      NA       NA
## queens       1.5e-05   8.9e-04            NA      NA       NA
## brooklyn     5.6e-08   2.8e-07            NA      NA       NA
##
##
##
## [[6]]$gen
## [[6]]$gen$plot
```

Rate_neigh_pre_good by Gen

*Categories with less than 5 responses excluded: 'other'
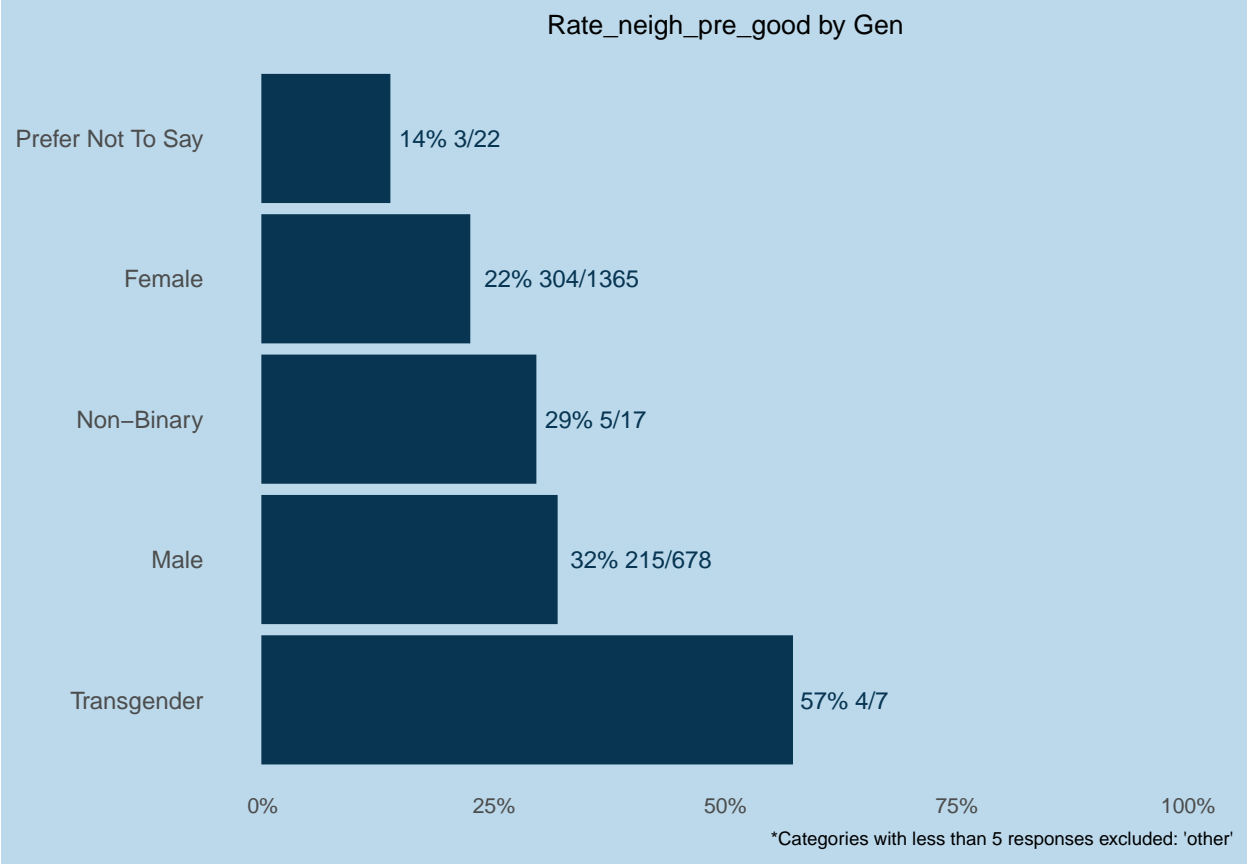
```
##
## [[6]]$gen$p.values
## [[6]]$gen$p.values$rate_neigh_pre_good
##                    prefer not to say  female non-binary    male transgender
## prefer not to say                 NA      NA        NA      NA          NA
## female                            NA      NA        NA 5.1e-06          NA
## non-binary                        NA      NA        NA      NA          NA
## male                              NA 5.1e-06        NA      NA          NA
## transgender                       NA      NA        NA      NA          NA
##
##
##
## [[6]]$race_census
## NULL
##
## [[6]]$hh_ch_0_17_bi
## NULL
##
## [[6]]$hh_sn_65_bi
## NULL
##
## [[6]]$inc_dist
## NULL
##
##
## [[7]]
```

```
## [[7]]$borough
## [[7]]$borough$plot
```


Rate_neigh_pub_bad by Borough
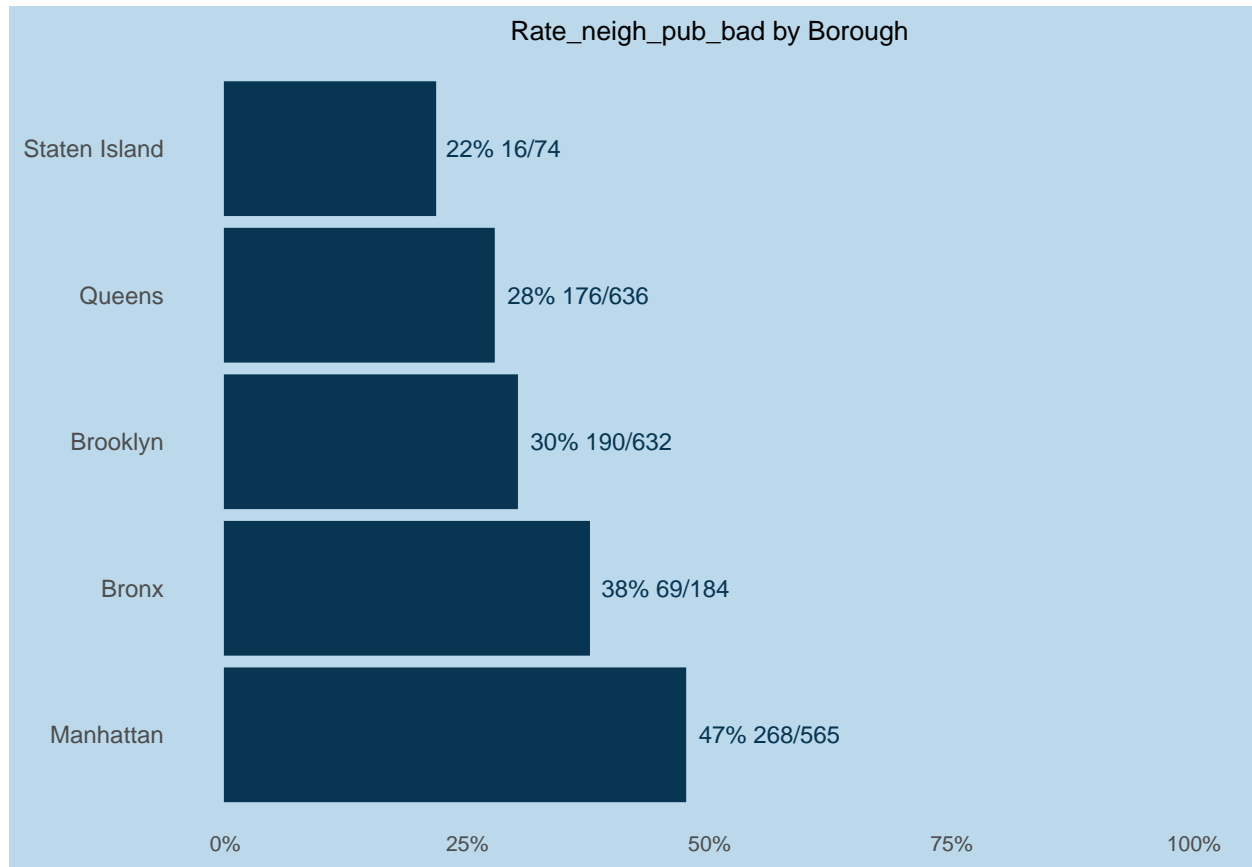
```
##
## [[7]]$borough$p.values
## [[7]]$borough$p.values$rate_neigh_pub_bad
##                staten island  queens brooklyn bronx manhattan
## staten island            NA      NA       NA    NA   4.6e-05
## queens                   NA      NA       NA    NA   2.2e-12
## brooklyn                 NA      NA       NA    NA   9.8e-10
## bronx                    NA      NA       NA    NA        NA
## manhattan           4.6e-05 2.2e-12  9.8e-10    NA        NA
##
##
##
## [[7]]$gen
## [[7]]$gen$plot
```

Rate_neigh_pub_bad by Gen

Transgender	14% 1/7
Male	29% 200/678
Non–Binary	35% 6/17
Female	37% 499/1365
Prefer Not To Say	59% 13/22

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'other'
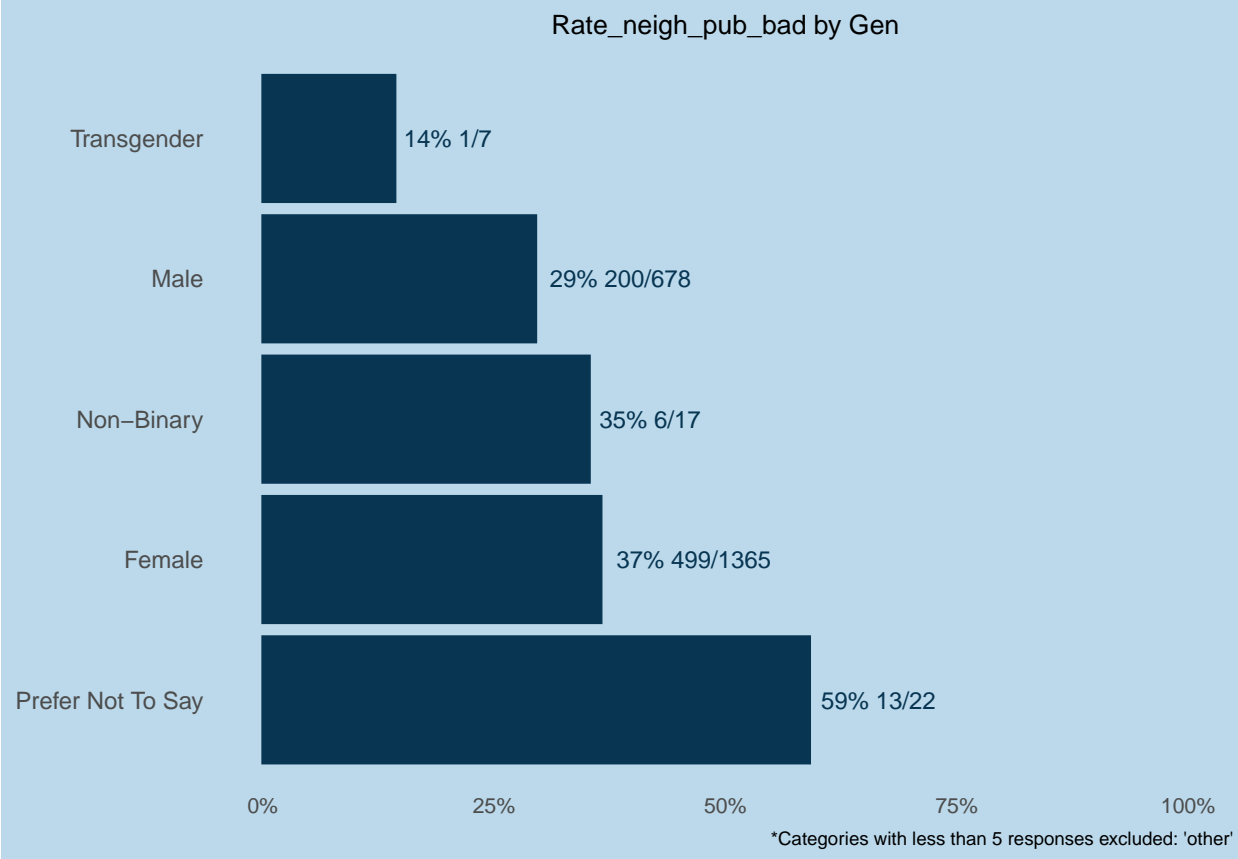
```
## 
## [[7]]$gen$p.values
## [[7]]$gen$p.values$rate_neigh_pub_bad
##                   transgender   male non-binary female prefer not to say
## transgender                NA     NA         NA     NA                NA
## male                       NA     NA         NA 0.0018            0.0063
## non-binary                 NA     NA         NA     NA                NA
## female                     NA 0.0018         NA     NA                NA
## prefer not to say          NA 0.0063         NA     NA                NA
## 
## 
## 
## [[7]]$race_census
## [[7]]$race_census$plot
```

Rate_neigh_pub_bad by Race_census

Asian — 25% 59/240

Black Or African American — 31% 145/470

Hispanic Or Latinx — 32% 163/517

White (Non–Hispanic Or Latino) — 39% 271/693

Other — 41% 25/61

Two Or More Races — 50% 27/54

Indigenous American — 50% 3/6

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
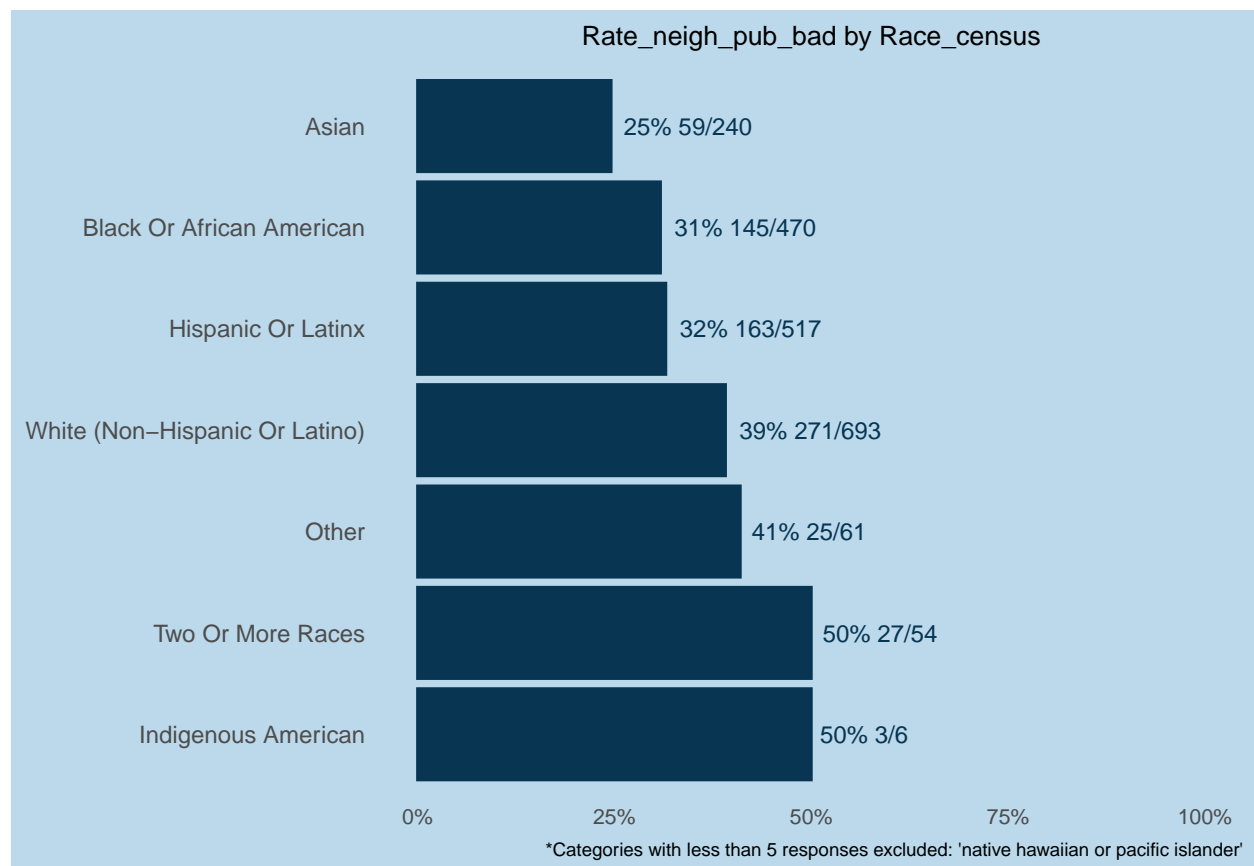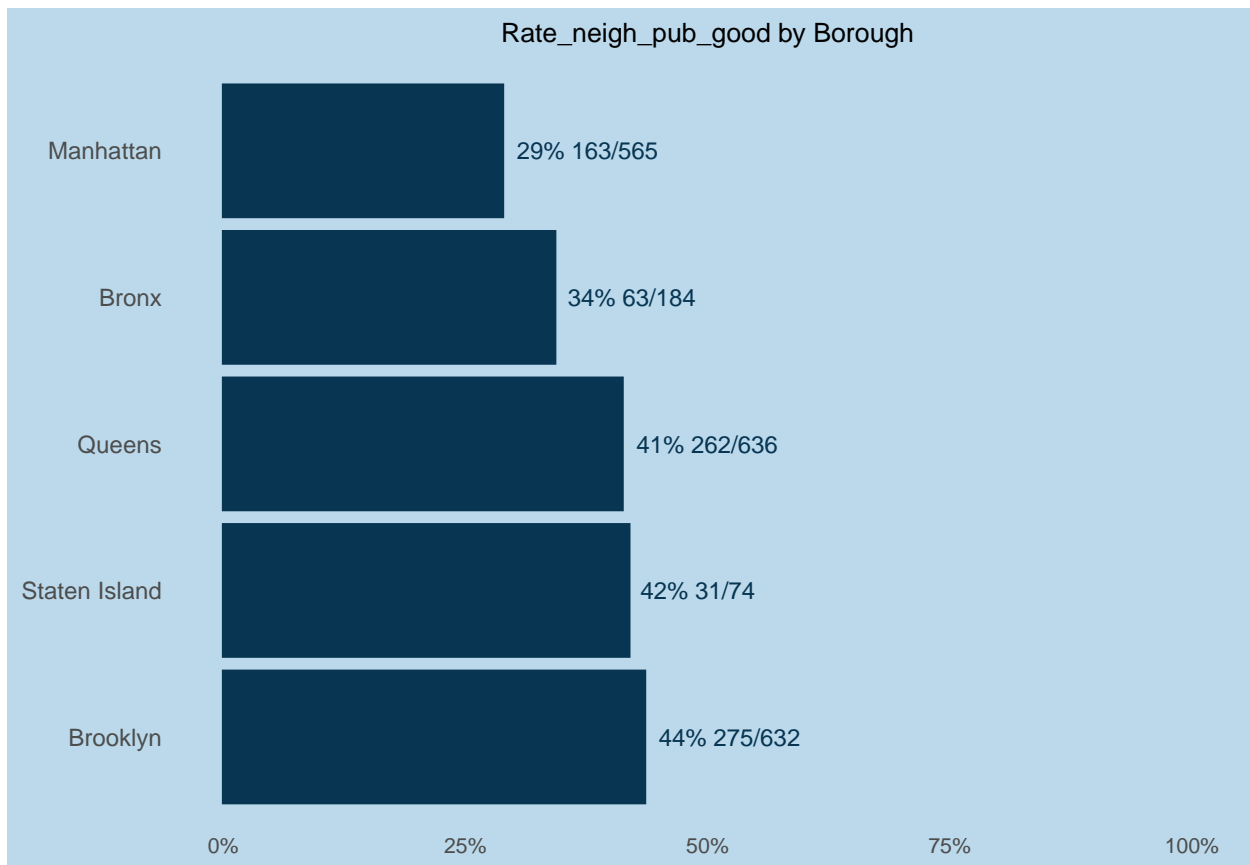
```
## 
## [[7]]$race_census$p.values
## [[7]]$race_census$p.values$rate_neigh_pub_bad
##                              asian black or african american
## asian                          NA                         NA
## black or african american      NA                         NA
## hispanic or latinx              NA                         NA
## white (non-hispanic or latino) 0.00007                 0.0048
## other                           NA                         NA
## Indigenous American             NA                         NA
## two or more races              0.00039                 0.0073
##                              hispanic or latinx
## asian                                        NA
## black or african american                    NA
## hispanic or latinx                           NA
## white (non-hispanic or latino)           0.0079
## other                                        NA
## Indigenous American                          NA
## two or more races                        0.0096
##                              white (non-hispanic or latino) other
## asian                                               0.00007    NA
## black or african american                          0.00480    NA
## hispanic or latinx                                 0.00790    NA
## white (non-hispanic or latino)                          NA    NA
## other                                                   NA    NA
## Indigenous American                                     NA    NA
```

```
## two or more races                                     NA     NA
##                              Indigenous American two or more races
## asian                                       NA         0.00039
## black or african american                  NA         0.00730
## hispanic or latinx                          NA         0.00960
## white (non-hispanic or latino)              NA              NA
## other                                       NA              NA
## Indigenous American                         NA              NA
## two or more races                           NA              NA
##
##
##
## [[7]]$hh_ch_0_17_bi
## [[7]]$hh_ch_0_17_bi$plot
```
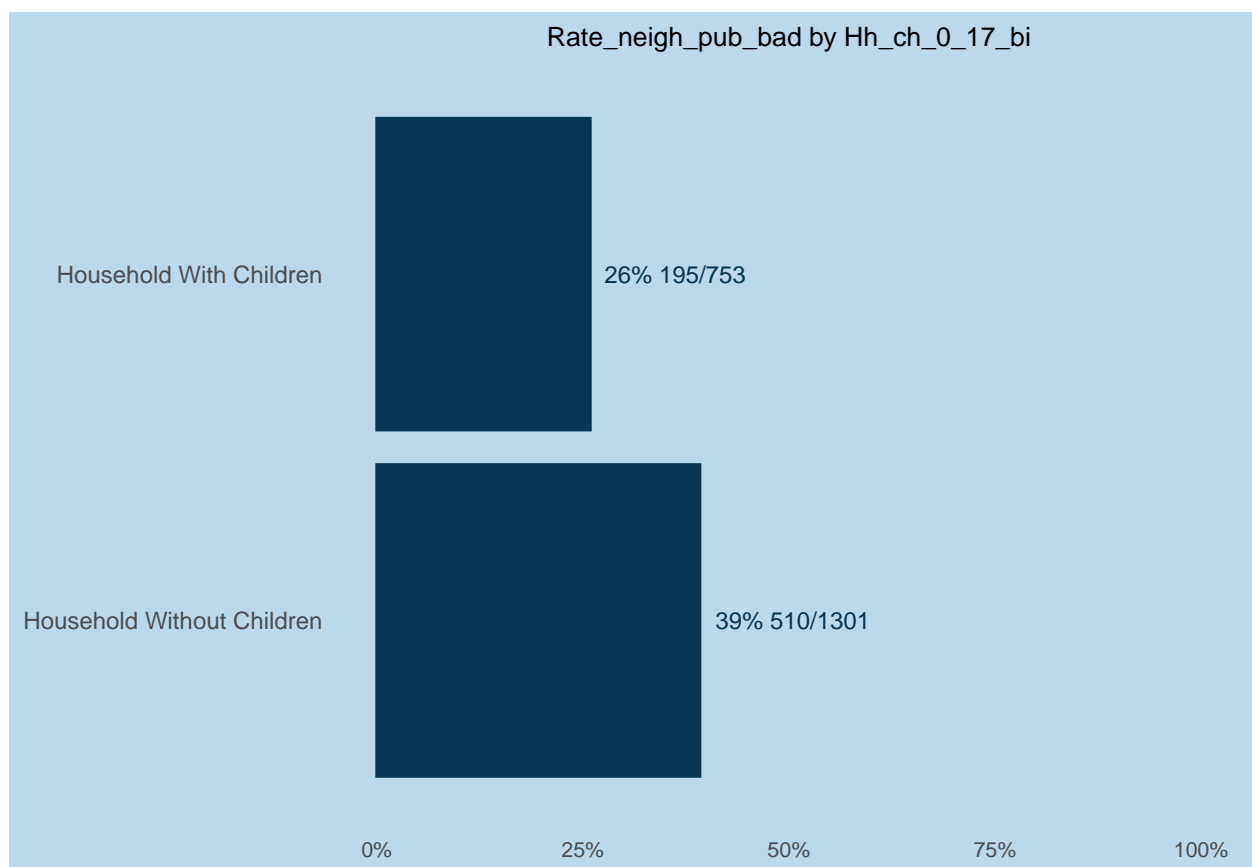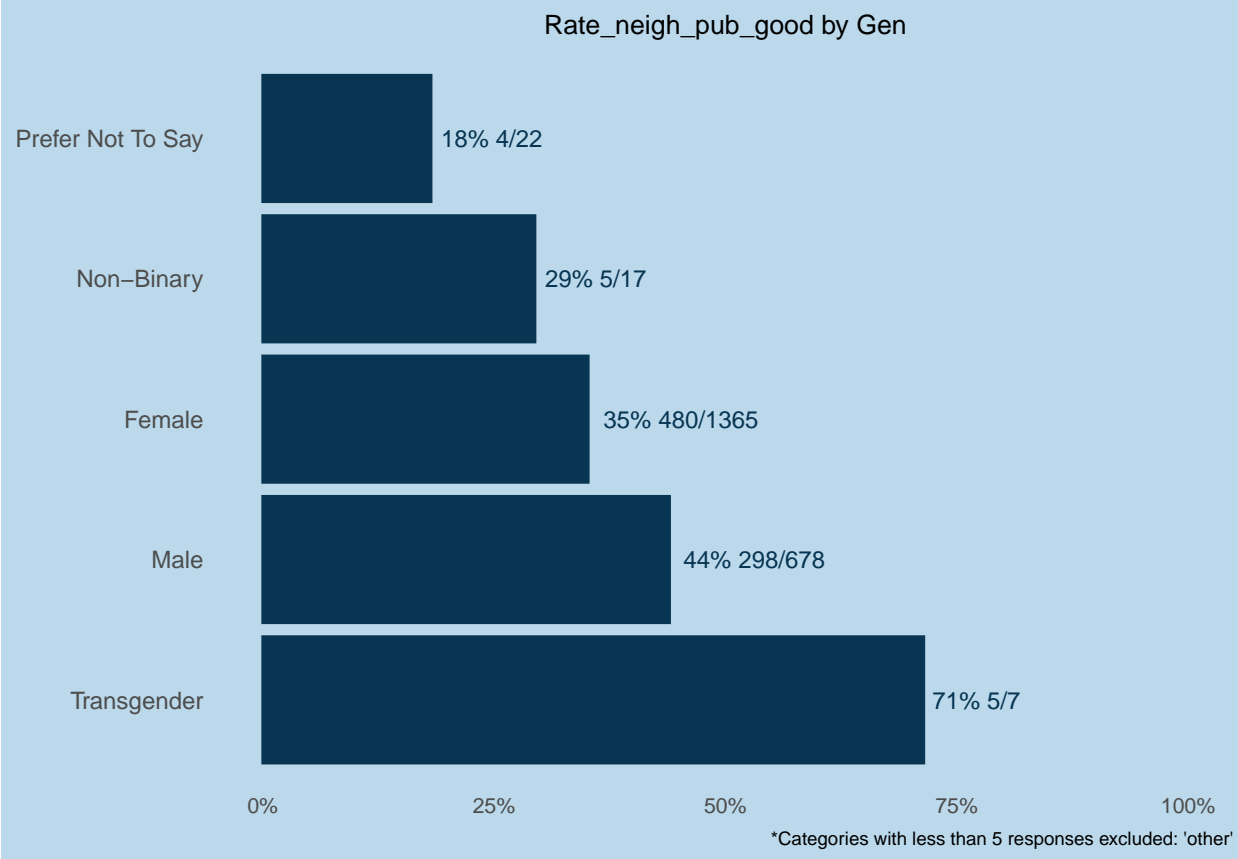


```
##
## [[7]]$hh_ch_0_17_bi$p.values
## [[7]]$hh_ch_0_17_bi$p.values$rate_neigh_pub_bad
##                          household with children household without children
## household with children                      NA                     1.3e-09
## household without children              1.3e-09                          NA
##
##
##
## [[7]]$hh_sn_65_bi
```

```
## NULL
##
## [[7]]$inc_dist
## NULL
##
##
## [[8]]
## [[8]]$borough
## [[8]]$borough$plot
```


Rate_neigh_pub_good by Borough

Manhattan — 29% 163/565

Bronx — 34% 63/184

Queens — 41% 262/636

Staten Island — 42% 31/74

Brooklyn — 44% 275/632

0%   25%   50%   75%   100%

```
##
## [[8]]$borough$p.values
## [[8]]$borough$p.values$rate_neigh_pub_good
##                manhattan bronx  queens staten island brooklyn
## manhattan             NA    NA 1.1e-05            NA    2e-07
## bronx                 NA    NA      NA            NA       NA
## queens           1.1e-05    NA      NA            NA       NA
## staten island         NA    NA      NA            NA       NA
## brooklyn         2.0e-07    NA      NA            NA       NA
##
##
##
## [[8]]$gen
## [[8]]$gen$plot
```

46

Rate_neigh_pub_good by Gen

Prefer Not To Say	18% 4/22
Non–Binary	29% 5/17
Female	35% 480/1365
Male	44% 298/678
Transgender	71% 5/7

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'other'

```
##
## [[8]]$gen$p.values
## [[8]]$gen$p.values$rate_neigh_pub_good
##                   prefer not to say non-binary  female     male transgender
## prefer not to say                NA         NA      NA       NA          NA
## non-binary                       NA         NA      NA       NA          NA
## female                           NA         NA      NA  0.00014          NA
## male                             NA         NA 0.00014       NA          NA
## transgender                      NA         NA      NA       NA          NA
##
##
##
## [[8]]$race_census
## [[8]]$race_census$plot
```

47

Rate_neigh_pub_good by Race_census

Two Or More Races	19% 10/54
Indigenous American	33% 2/6
Other	34% 21/61
Black Or African American	36% 171/470
Hispanic Or Latinx	38% 199/517
Asian	41% 98/240
White (Non–Hispanic Or Latino)	41% 285/693

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
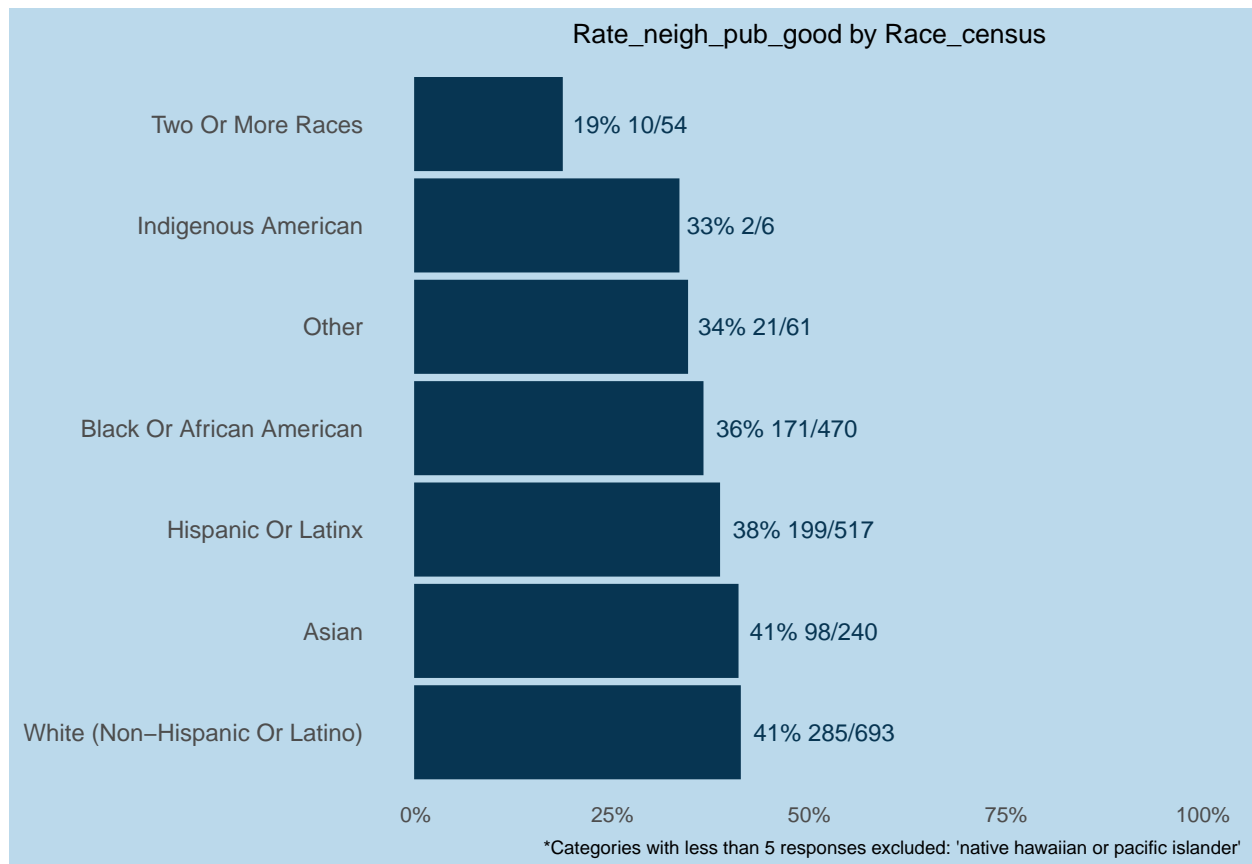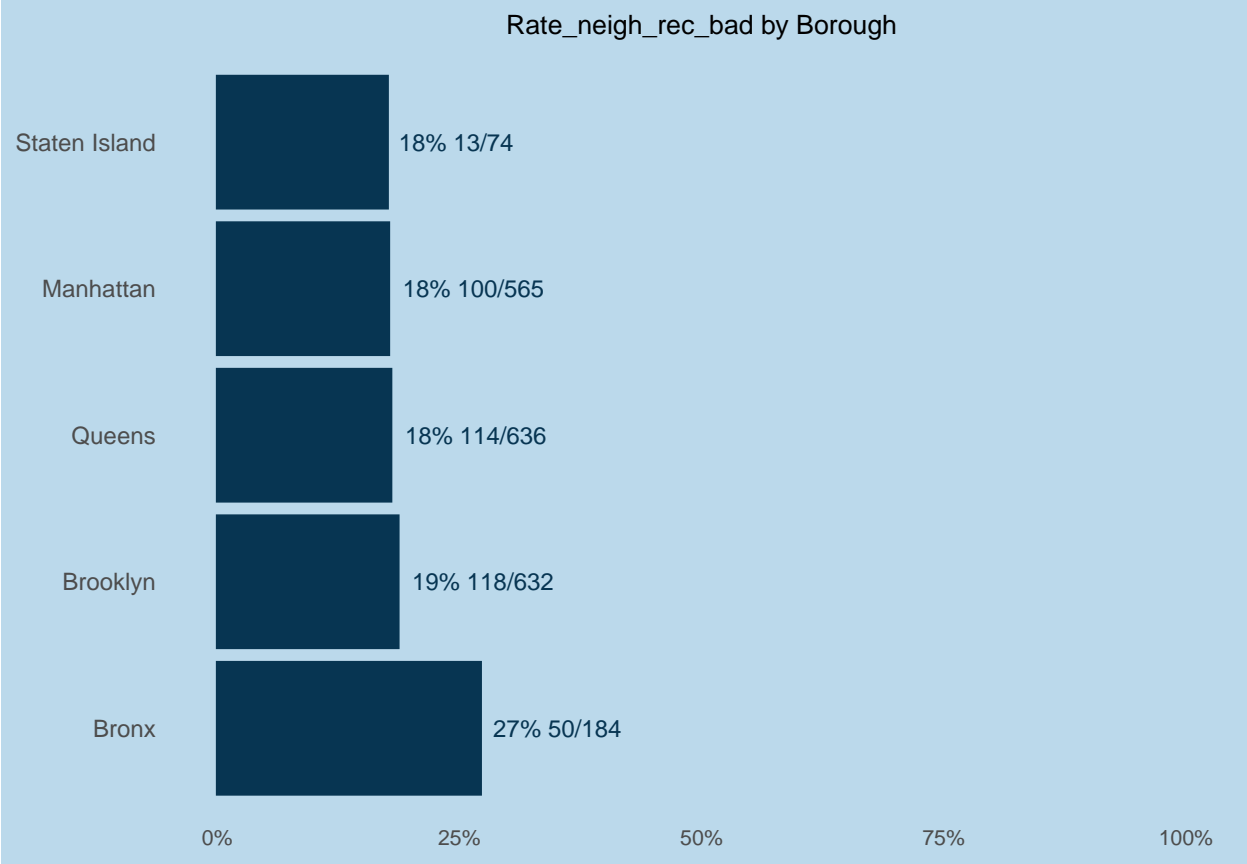
```
##
## [[8]]$race_census$p.values
## [[8]]$race_census$p.values$rate_neigh_pub_good
##                              two or more races Indigenous American other
## two or more races                          NA                   NA    NA
## Indigenous American                        NA                   NA    NA
## other                                      NA                   NA    NA
## black or african american                  NA                   NA    NA
## hispanic or latinx                     0.0059                   NA    NA
## asian                                  0.0035                   NA    NA
## white (non-hispanic or latino)         0.0018                   NA    NA
##                              black or african american hispanic or latinx
## two or more races                                   NA             0.0059
## Indigenous American                                 NA                 NA
## other                                               NA                 NA
## black or african american                           NA                 NA
## hispanic or latinx                                  NA                 NA
## asian                                               NA                 NA
## white (non-hispanic or latino)                      NA                 NA
##                               asian white (non-hispanic or latino)
## two or more races            0.0035                          0.0018
## Indigenous American              NA                              NA
## other                            NA                              NA
## black or african american       NA                              NA
## hispanic or latinx               NA                              NA
## asian                            NA                              NA
```

```
## white (non-hispanic or latino)      NA                                    NA
##
##
##
## [[8]]$hh_ch_0_17_bi
## [[8]]$hh_ch_0_17_bi$plot
```
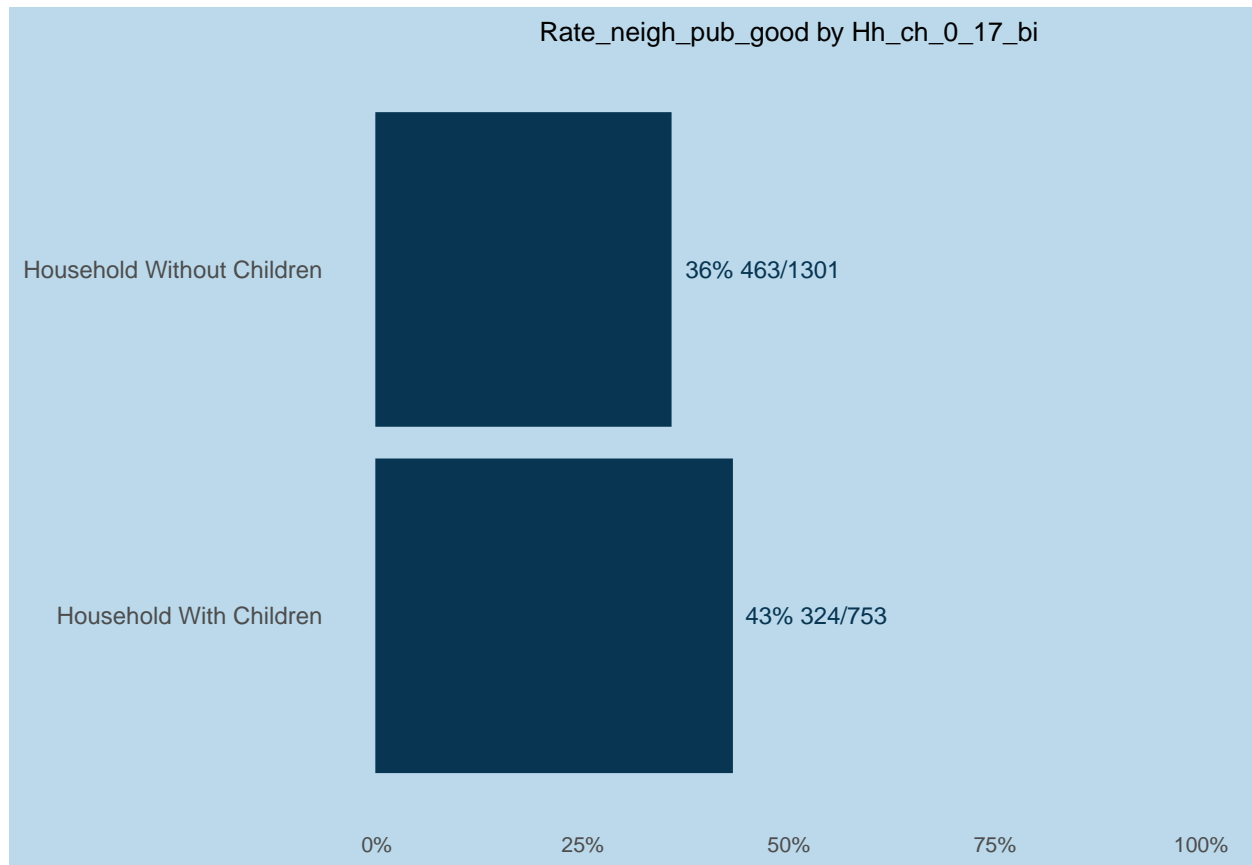


```
##
## [[8]]$hh_ch_0_17_bi$p.values
## [[8]]$hh_ch_0_17_bi$p.values$rate_neigh_pub_good
##                              household without children household with children
## household without children                        NA                  0.00098
## household with children                      0.00098                       NA
##
##
##
## [[8]]$hh_sn_65_bi
## NULL
##
## [[8]]$inc_dist
## NULL
##
##
## [[9]]
## [[9]]$borough
## [[9]]$borough$plot
```

Rate_neigh_rec_bad by Borough

Borough	Value
Staten Island	18% 13/74
Manhattan	18% 100/565
Queens	18% 114/636
Brooklyn	19% 118/632
Bronx	27% 50/184

```
## 
## [[9]]$borough$p.values
## [[9]]$borough$p.values$rate_neigh_rec_bad
##               staten island manhattan queens brooklyn  bronx
## staten island            NA        NA     NA       NA     NA
## manhattan                NA        NA     NA       NA 0.0073
## queens                   NA        NA     NA       NA 0.0079
## brooklyn                 NA        NA     NA       NA     NA
## bronx                    NA    0.0073 0.0079       NA     NA
## 
## 
## 
## [[9]]$gen
## NULL
## 
## [[9]]$race_census
## [[9]]$race_census$plot
```

Rate_neigh_rec_bad by Race_census

Asian	13% 32/240
Two Or More Races	15% 8/54
White (Non–Hispanic Or Latino)	15% 105/693
Indigenous American	17% 1/6
Black Or African American	20% 93/470
Hispanic Or Latinx	25% 128/517
Other	28% 17/61

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'
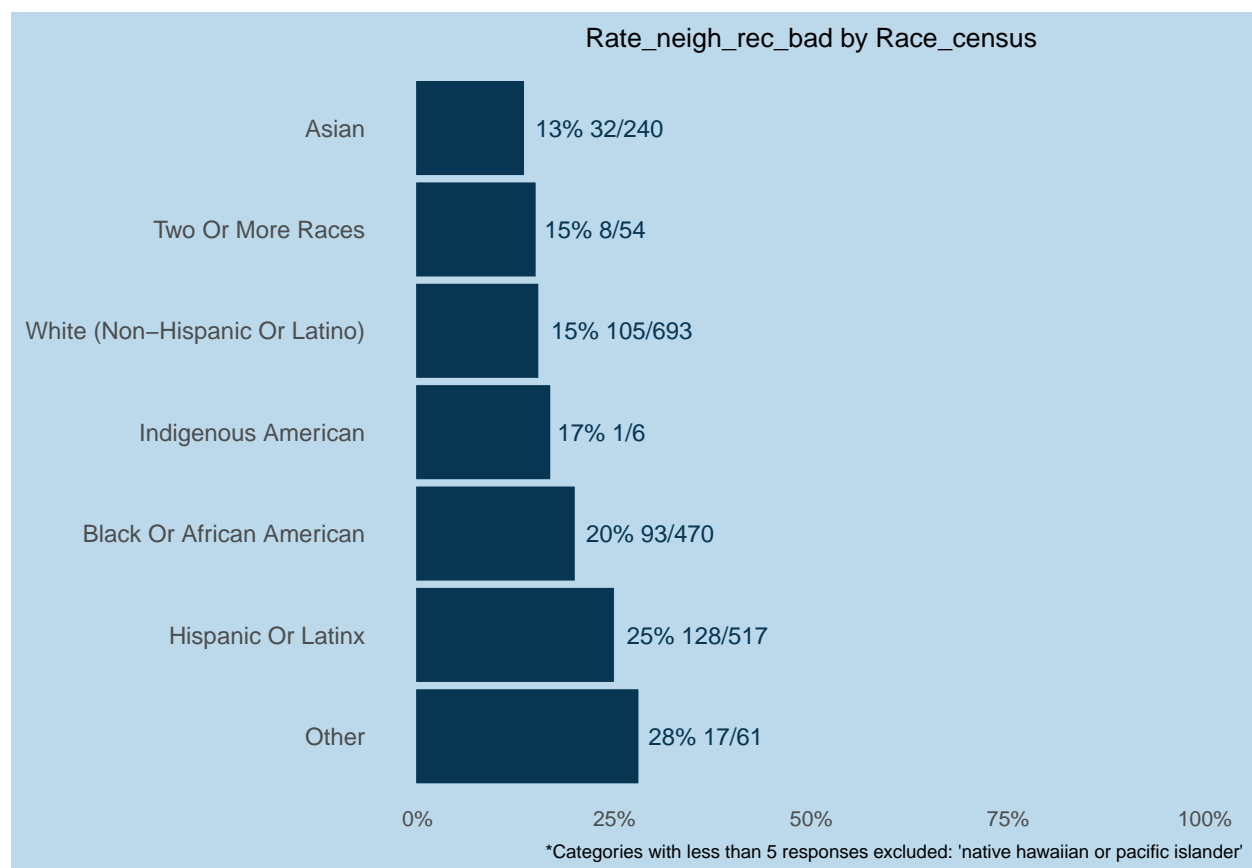
```
##
[[9]]$race_census$p.values
[[9]]$race_census$p.values$rate_neigh_rec_bad
asian two or more races
asian   NA   NA
two or more races   NA   NA
white (non-hispanic or latino) NA   NA
Indigenous American   NA   NA
black or african american   NA   NA
hispanic or latinx   0.00049   NA
other   NA   NA
white (non-hispanic or latino)
asian   NA
two or more races   NA
white (non-hispanic or latino)   NA
Indigenous American   NA
black or african american   NA
hispanic or latinx   3.8e-05
other   NA
Indigenous American black or african american
asian   NA   NA
two or more races   NA   NA
white (non-hispanic or latino)   NA   NA
Indigenous American   NA   NA
black or african american   NA   NA
hispanic or latinx   NA   NA
```

```
other   NA   NA
hispanic or latinx other
asian   4.9e-04   NA
two or more races   NA   NA
white (non-hispanic or latino)   3.8e-05   NA
Indigenous American   NA   NA
black or african american   NA   NA
hispanic or latinx   NA   NA
other   NA   NA
##
##
##
[[9]]$hh_ch_0_17_bi
NULL
##
[[9]]$hh_sn_65_bi
NULL
##
[[9]]$inc_dist
[[9]]inc_distplot
```
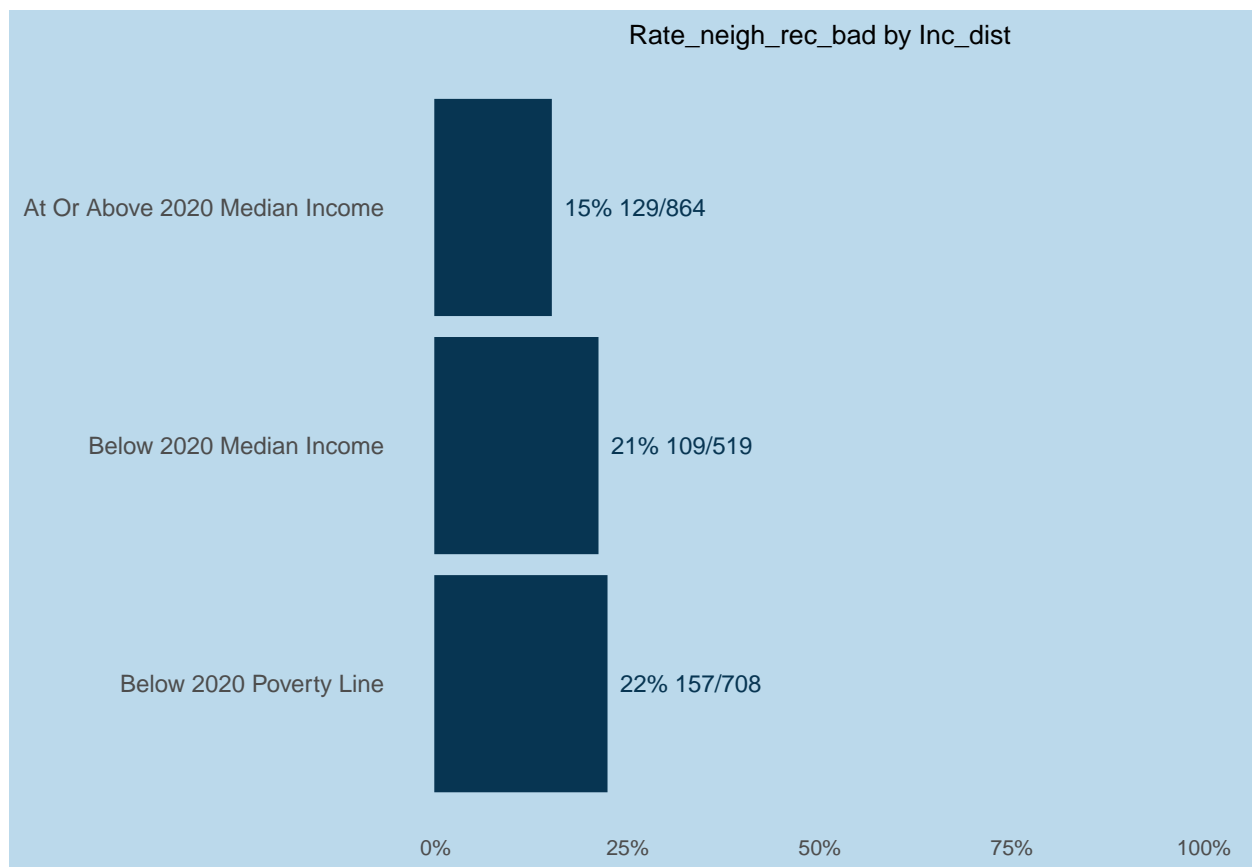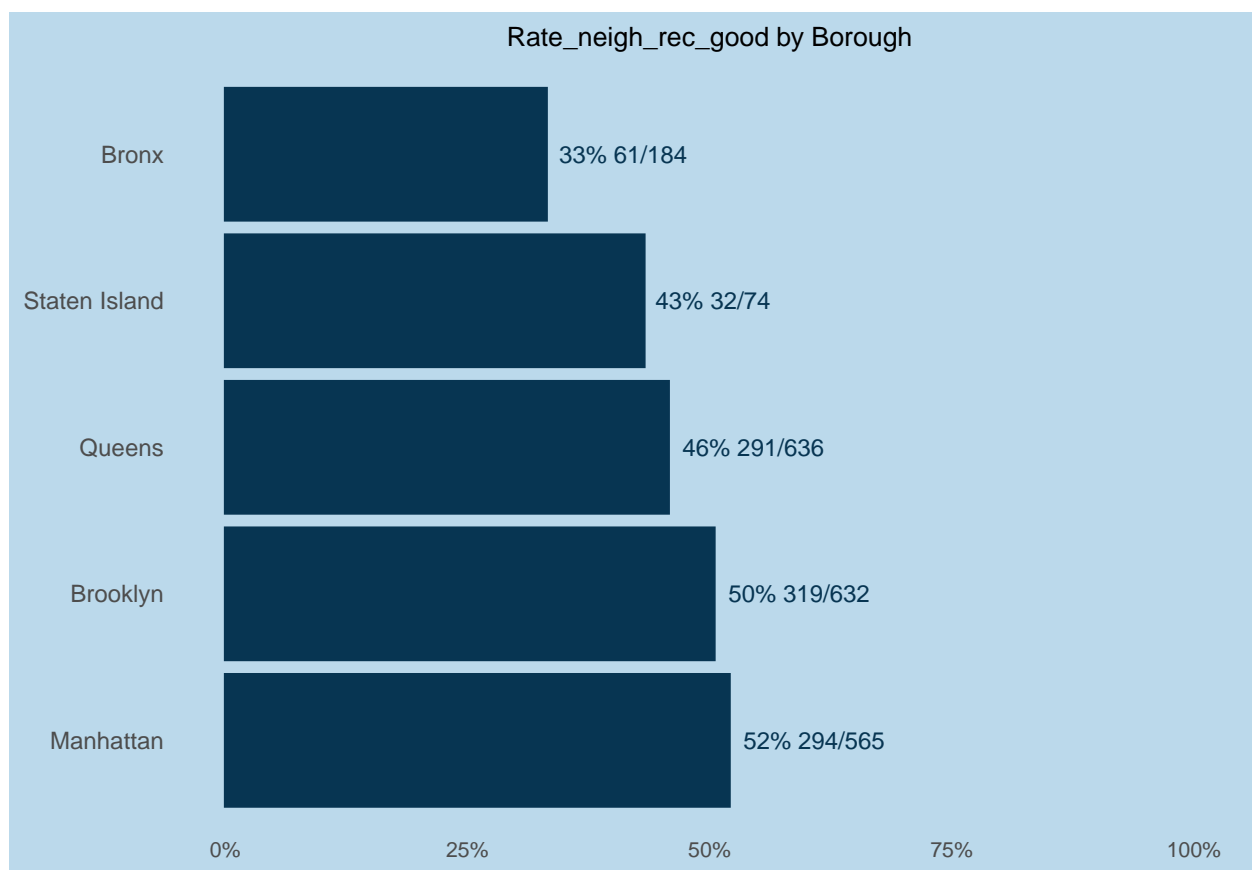


```
##
## [[9]]$inc_dist$p.values
## [[9]]$inc_dist$p.values$rate_neigh_rec_bad
##                           at or above 2020 median income
```

```
## at or above 2020 median income                                    NA
## below 2020 median income                                     0.00480
## below 2020 poverty line                                      0.00027
##                               below 2020 median income below 2020 poverty line
## at or above 2020 median income                   0.0048                0.00027
## below 2020 median income                             NA                     NA
## below 2020 poverty line                             NA                     NA
##
##
##
##
## [[10]]
## [[10]]$borough
## [[10]]$borough$plot
```
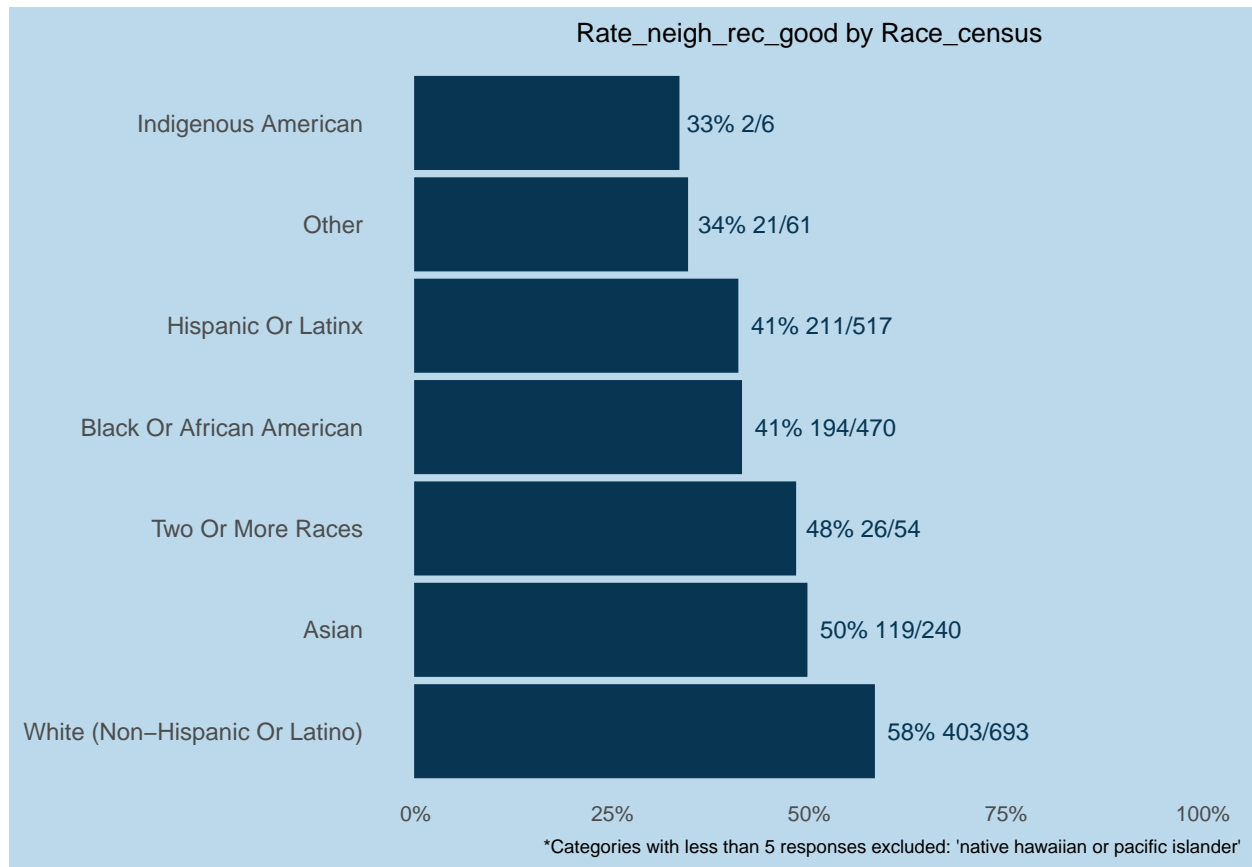

Rate_neigh_rec_good by Borough

- Bronx — 33% 61/184
- Staten Island — 43% 32/74
- Queens — 46% 291/636
- Brooklyn — 50% 319/632
- Manhattan — 52% 294/565

```
##
## [[10]]$borough$p.values
## [[10]]$borough$p.values$rate_neigh_rec_good
##                bronx staten island queens brooklyn manhattan
## bronx             NA            NA 0.0031  4.9e-05   1.2e-05
## staten island     NA            NA     NA       NA        NA
## queens        3.1e-03           NA     NA       NA        NA
## brooklyn      4.9e-05           NA     NA       NA        NA
## manhattan     1.2e-05           NA     NA       NA        NA
##
```

```
## 
## 
## [[10]]$gen
## NULL
## 
## [[10]]$race_census
## [[10]]$race_census$plot
```

Rate_neigh_rec_good by Race_census

Indigenous American	33% 2/6
Other	34% 21/61
Hispanic Or Latinx	41% 211/517
Black Or African American	41% 194/470
Two Or More Races	48% 26/54
Asian	50% 119/240
White (Non–Hispanic Or Latino)	58% 403/693

0%   25%   50%   75%   100%

*Categories with less than 5 responses excluded: 'native hawaiian or pacific islander'

```
## 
## [[10]]$race_census$p.values
## [[10]]$race_census$p.values$rate_neigh_rec_good
##                               Indigenous American   other hispanic or latinx
## Indigenous American                            NA      NA                  NA
## other                                          NA      NA                  NA
## hispanic or latinx                             NA      NA                  NA
## black or african american                     NA      NA                  NA
## two or more races                             NA      NA                  NA
## asian                                          NA      NA                  NA
## white (non-hispanic or latino)                 NA 0.00057             3.4e-09
##                               black or african american two or more races
## Indigenous American                                   NA                NA
## other                                                 NA                NA
## hispanic or latinx                                    NA                NA
## black or african american                            NA                NA
## two or more races                                     NA                NA
```

```
## asian                                                       NA              NA
## white (non-hispanic or latino)                          2.3e-08            NA
##                                 asian white (non-hispanic or latino)
## Indigenous American             NA                       NA
## other                           NA                       5.7e-04
## hispanic or latinx              NA                       3.4e-09
## black or african american      NA                       2.3e-08
## two or more races               NA                       NA
## asian                           NA                       NA
## white (non-hispanic or latino)  NA                       NA
##
##
##
## [[10]]$hh_ch_0_17_bi
## NULL
##
## [[10]]$hh_sn_65_bi
## NULL
##
## [[10]]$inc_dist
## [[10]]$inc_dist$plot
```
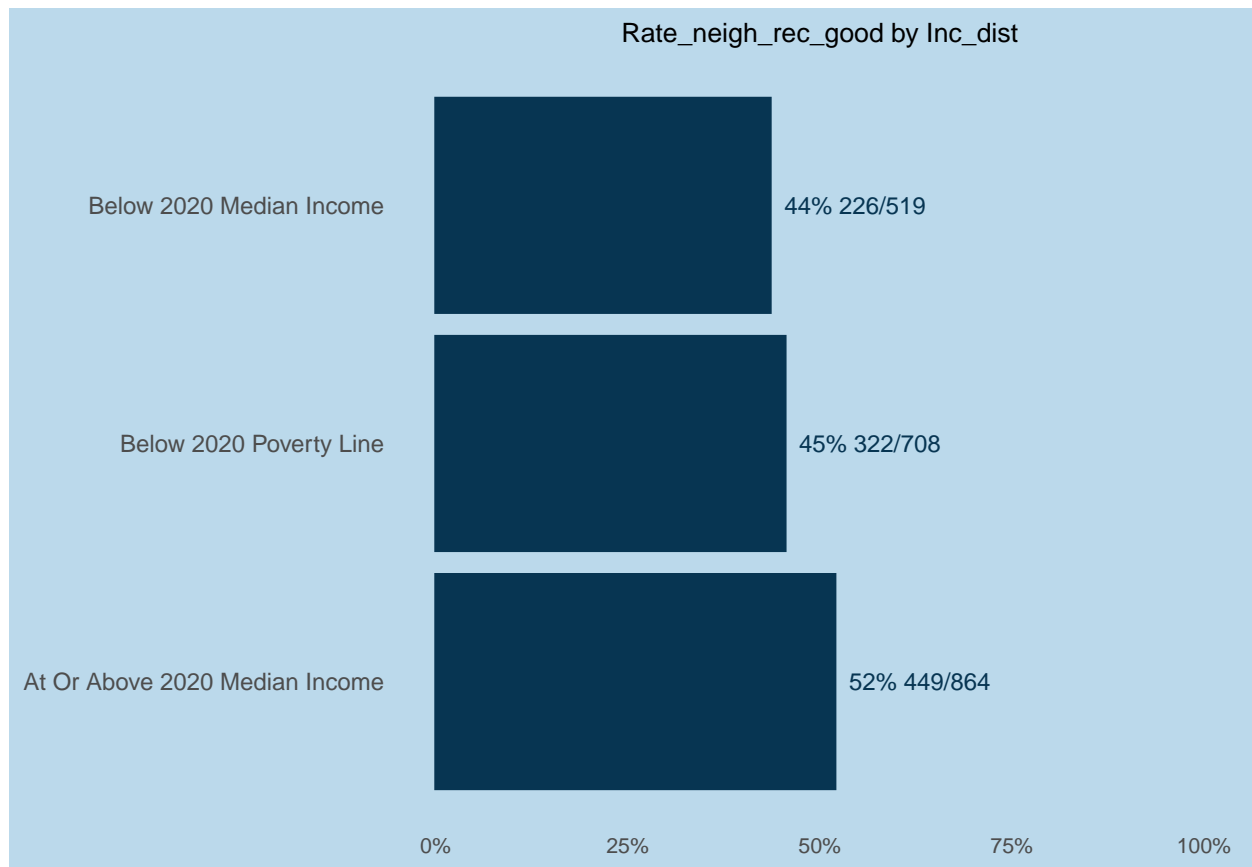


```
##
## [[10]]$inc_dist$p.values
## [[10]]$inc_dist$p.values$rate_neigh_rec_good
```

```
##                                 below 2020 median income below 2020 poverty line
## below 2020 median income                          NA                          NA
## below 2020 poverty line                           NA                          NA
## at or above 2020 median income                0.0029                          NA
##                                 at or above 2020 median income
## below 2020 median income                              0.0029
## below 2020 poverty line                                   NA
## at or above 2020 median income                           NA
```

7.8 - 7.9

7.8)Respondents who experienced a reduced income were more likely to rate government response poorly [12 &13]
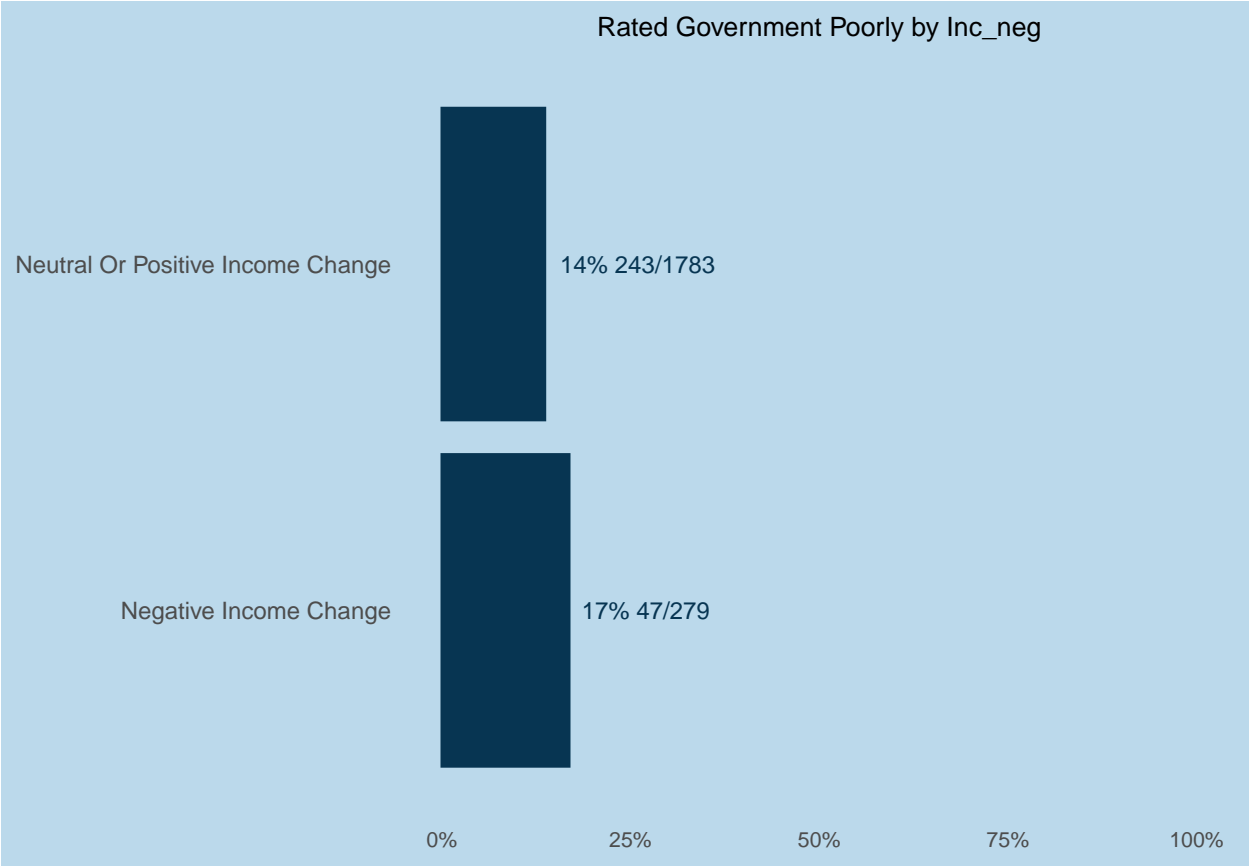
1. Run binary distribution over rating government response question Poor=Poor or Very Poor Not Poor=Good, Excellent, Average
2. Find proportion which rated government response poorly [31] Poorly=Poor or Very Poor

a. Find subset of population who witnessed a reduced income
b. Compare with others who did not

7.9) Respondents who faced housing insecurity were more like to rate government response poorly [21, 31]
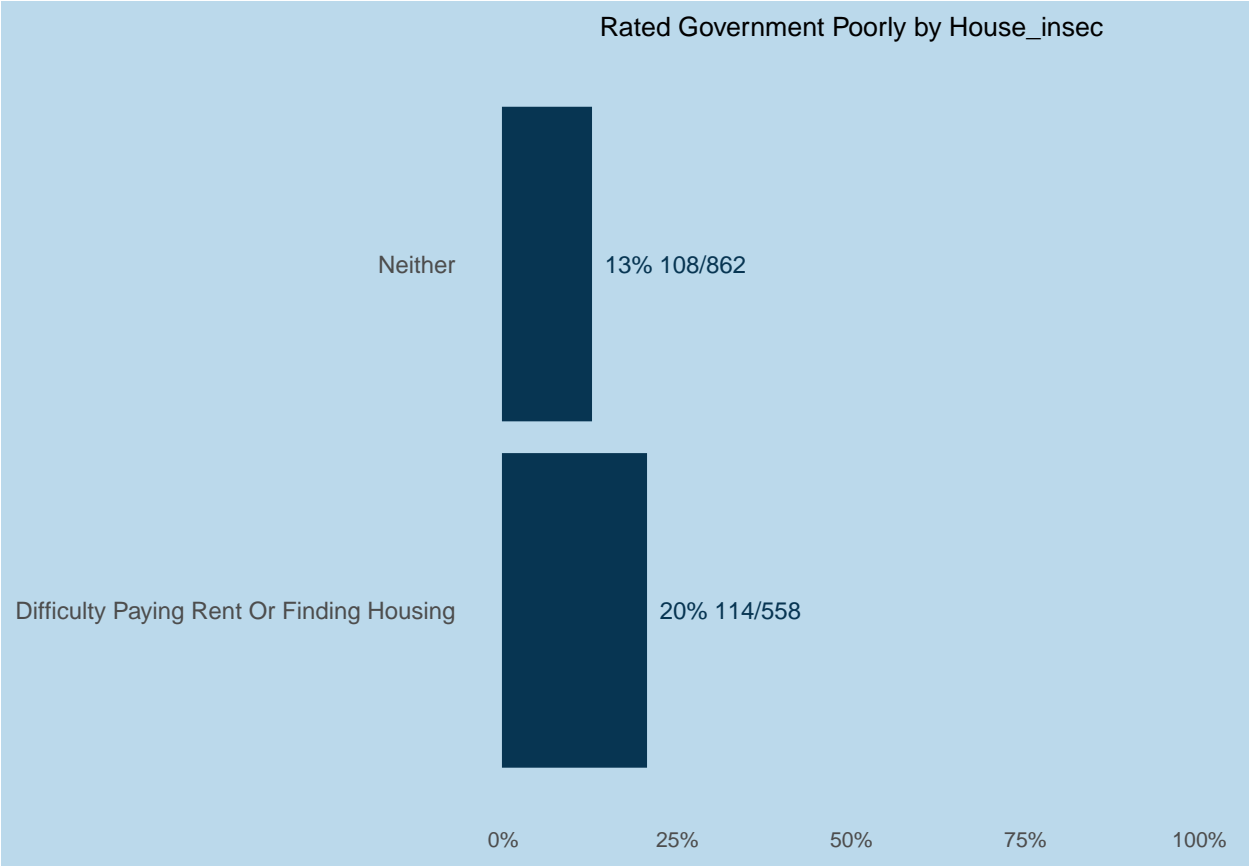
1.Find proportion of households who faced housing security [21]
2.Find subset of population who rated government response poorly and compare with   other group

```r
make_plots(wrangled, c("inc_neg", "house_insec"), "rate_gov_all_bad", show = TRUE,
           title = "Rated Government Poorly")
```

```
## $inc_neg
## $inc_neg$plot
```

Rated Government Poorly by Inc_neg

Neutral Or Positive Income Change   14% 243/1783

Negative Income Change   17% 47/279

0%   25%   50%   75%   100%

```
## 
## $inc_neg$p.values
## $inc_neg$p.values$rate_gov_all_bad
##                                 neutral or positive income change
## neutral or positive income change                              NA
## negative income change                                         NA
##                                 negative income change
## neutral or positive income change            NA
## negative income change                        NA
## 
## 
## 
## $house_insec
## $house_insec$plot
```

Rated Government Poorly by House_insec

Neither 13% 108/862

Difficulty Paying Rent Or Finding Housing 20% 114/558

0%   25%   50%   75%   100%

```
## 
## $house_insec$p.values
## $house_insec$p.values$rate_gov_all_bad
##                                          neither
## neither                                       NA
## difficulty paying rent or finding housing 8.5e-05
##                                          difficulty paying rent or finding housing
## neither                                                                    8.5e-05
## difficulty paying rent or finding housing                                       NA
```