poa_access

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##

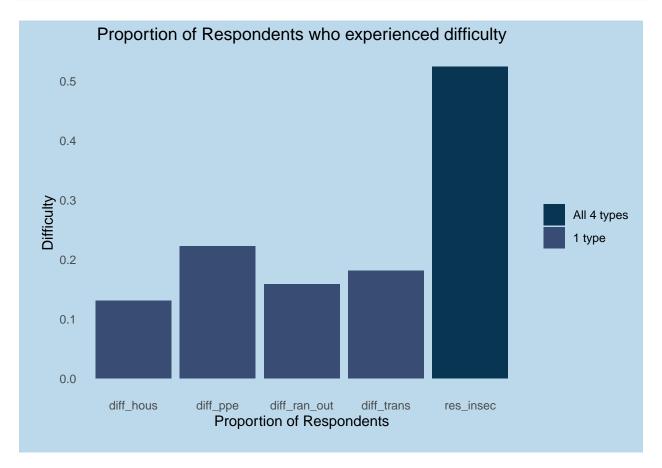
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6.1)People who had difficulty accessing resources [20]	
Run binary distribution over population Indicators: food, PPE, transportation, housing Yes = $1+$ indicat No = 0 indicators Run binary distribution by sub-demographics Compare and find gaps (test uneq proportions) Run categorical distribution over population Run categorical distribution over sub-demograph Compare and find gaps (test unequal proportions)	ual
attributes(wrangled\$res_insec)\$labels	
<pre>## difficulty accessing or ran out of food, housing, cleaning supplies or transportatio ##</pre>	n 1

no difficulty accessing food, housing, cleanning supplies or transportation

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

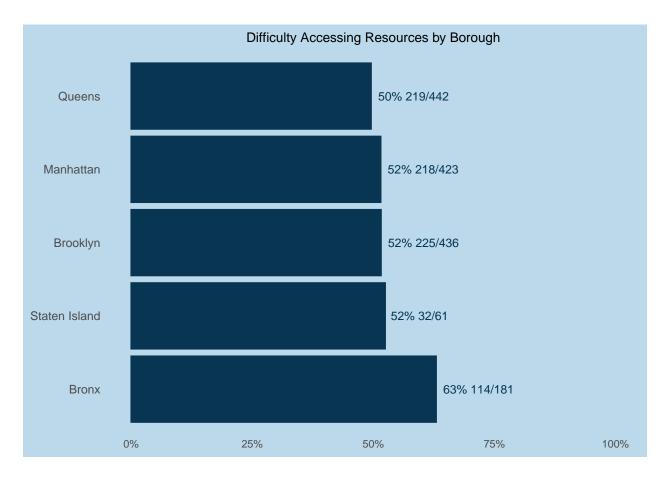
[1] 0.5236552

```
wrangled %>%
mutate(across(c(diff_ran_out, diff_ppe, res_insec, diff_trans, diff_hous), as.integer)) %>%
pivot_longer(cols = c("diff_ran_out", "diff_ppe", "res_insec", "diff_trans", "diff_hous")) %>%
select(name, value) %>% group_by(name) %>% summarize(value = mean(value, na.rm = TRUE)) %>%
mutate(analysis_variable = labelled(as.integer(name == "res_insec"), c("All 4 types" = 1, "1 type" = ggplot(aes(x = name, y = value, fill = labelled::to_factor(analysis_variable))) + geom_col() +
xlab("Proportion of Respondents\n") + ylab("\nDifficulty") +
ggtitle("Proportion of Respondents who experienced difficulty") +
scale_fill_manual(NULL, values = project_pal)
```

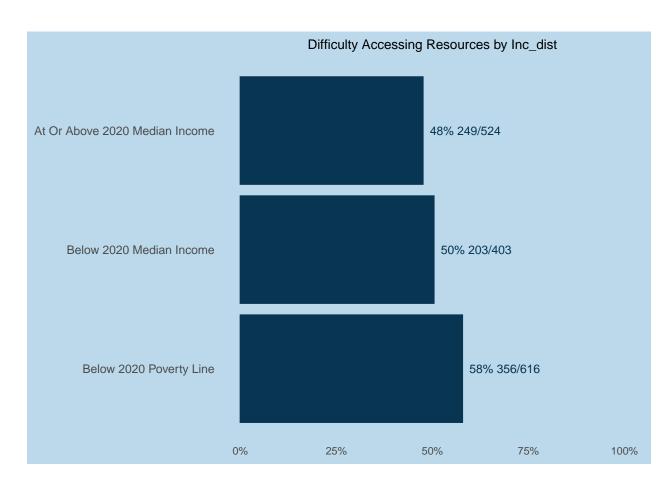


```
# make a venn diagram
make_plots(wrangled, demographics, "res_insec", title = "Difficulty Accessing Resources")
```

- ## \$borough
- ## \$borough\$plot



```
##
## $borough$p.values
## $borough$p.values$res_insec
                queens manhattan brooklyn staten island bronx
## queens
                    NA
                              NA
                                       NA
                                                    NA 0.003
## manhattan
                    NA
                              NA
                                       NA
                                                    NA
## brooklyn
                    NA
                              NA
                                       NA
                                                    NA
                                                          NA
                                                    NA
## staten island
                    NA
                              NA
                                       NA
                                                          NA
           0.003
## bronx
                              NA
                                       NA
                                                    NA
                                                          NA
##
##
##
## $gen
## NULL
##
## $race_census
## NULL
##
## $hh_ch_0_17_bi
## NULL
##
## $hh_sn_65_bi
## NULL
##
## $inc_dist
## $inc_dist$plot
```



```
##
## $inc_dist$p.values
## $inc_dist$p.values$res_insec
                                  at or above 2020 median income
## at or above 2020 median income
                                                               NA
## below 2020 median income
                                                          0.00066
## below 2020 poverty line
                                  below 2020 median income below 2020 poverty line
## at or above 2020 median income
                                                                            0.00066
                                                         NA
## below 2020 median income
                                                         NA
                                                                                  NA
## below 2020 poverty line
                                                         NA
                                                                                  NA
```

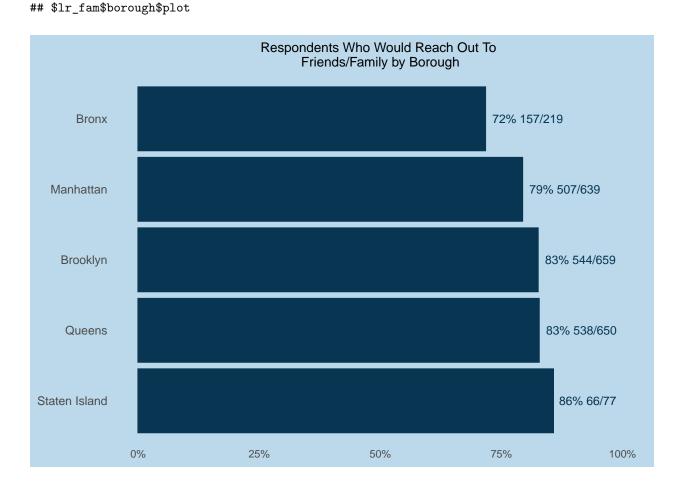
6.2) Local resource utilized over each challenge[33]

Run distribution of each resource people would turn to for each challenge over population Run distribution of each resource people would turn to for each challenge over sub-demographics (a-k) Compare and find gaps (test unequal proportions)

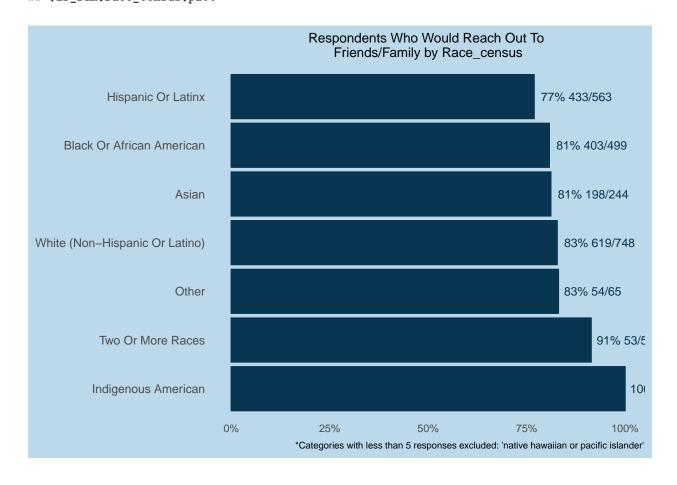
```
mean(str_detect(wrangled$lr_cc, ";"), na.rm = TRUE)
```

[1] 0.2085561

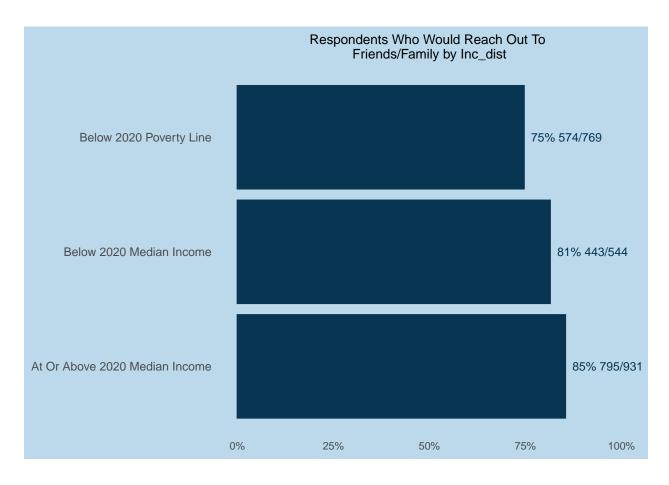
```
# lots of respondents just marked off not sure
resource_qs <- c("lr_fam", "lr_gov", "lr_fb", "lr_np")</pre>
names(resource_qs) <- resource_qs</pre>
lapply(resource_qs, function(q) {
  sym_q \leftarrow sym(q)
  pattern <- str_replace(q, "_", "_stress_")</pre>
  replacement <- survey_codebook_labelled$to_name[str_which(survey_codebook_labelled$full_name,
                                                               pattern)]
  df <- wrangled %>% mutate(across(all_of(demographics),
                             ~str_replace_all(labelled::to_factor(.),
                                               c("transgender.*" = "transgender",
                                                 "indigenous.*" = "Indigenous American"))))
  make_plots(df, by_vars = demographics, hyp_var = q,
             title = glue::glue("Respondents who would reach out to \n {replacement}"))
})
## $lr_fam
## $lr_fam$borough
```



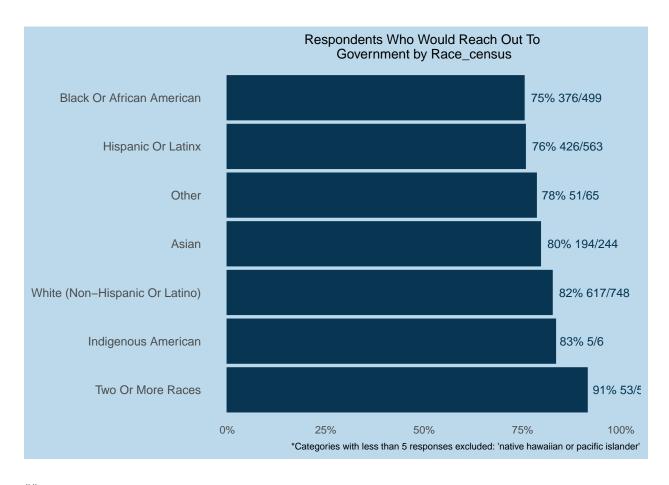
```
##
## $lr_fam$borough$p.values
## $lr_fam$borough$p.values$lr_fam
##
                   bronx manhattan brooklyn queens staten island
                                NA 0.00074 0.00057
## bronx
                      NA
## manhattan
                      NA
                                NA
                                          NA
                                                                NA
                 0.00074
## brooklyn
                                          NA
                                                                NA
                 0.00057
## queens
                                NA
                                          NA
                                                  NA
                                                                NA
## staten island
                                                  NA
##
##
##
## $lr_fam$gen
## NULL
##
## $lr_fam$race_census
## $lr_fam$race_census$plot
```



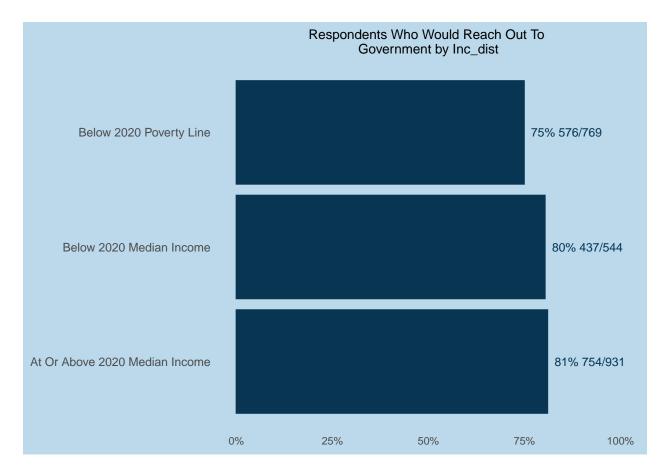
```
## white (non-hispanic or latino)
                                                 0.01
                                                                              NA
## other
                                                   NA
                                                                              NA
## two or more races
                                                   NA
                                                                              NA
## Indigenous American
                                                   NA
                                                                              NA
                                  asian white (non-hispanic or latino) other
## hispanic or latinx
                                     NA
                                                                   0.01
## black or african american
                                     NA
                                                                     NA
## asian
                                                                     NA
                                                                            NA
                                      NA
## white (non-hispanic or latino)
                                                                     NA
## other
                                      NA
                                                                     NA
                                                                            NA
## two or more races
                                      NA
                                                                     NA
                                                                            NA
## Indigenous American
                                      NA
                                                                      NA
                                                                            NA
                                  two or more races Indigenous American
## hispanic or latinx
                                                  NA
## black or african american
                                                  NA
                                                                       NA
## asian
                                                  NA
                                                                       NA
## white (non-hispanic or latino)
                                                  NA
                                                                      NA
## other
                                                  NA
                                                                      NA
## two or more races
                                                  NA
                                                                      NA
## Indigenous American
                                                  NA
                                                                       NA
##
##
##
## $lr_fam$hh_ch_0_17_bi
## NULL
## $lr_fam$hh_sn_65_bi
## NULL
##
## $lr_fam$inc_dist
## $lr_fam$inc_dist$plot
```



```
##
## $lr_fam$inc_dist$p.values
## $lr_fam$inc_dist$p.values$lr_fam
                                  below 2020 poverty line below 2020 median income
## below 2020 poverty line
                                                        NA
                                                                              0.0046
## below 2020 median income
                                                   4.6e-03
                                                                                  NA
## at or above 2020 median income
                                                   3.6e-08
                                                                                  NA
                                  at or above 2020 median income
## below 2020 poverty line
                                                          3.6e-08
## below 2020 median income
                                                               NA
## at or above 2020 median income
                                                               NA
##
##
##
##
## $1r_gov
## $lr_gov$borough
## NULL
##
## $lr_gov$gen
## NULL
##
## $lr_gov$race_census
## $lr_gov$race_census$plot
```

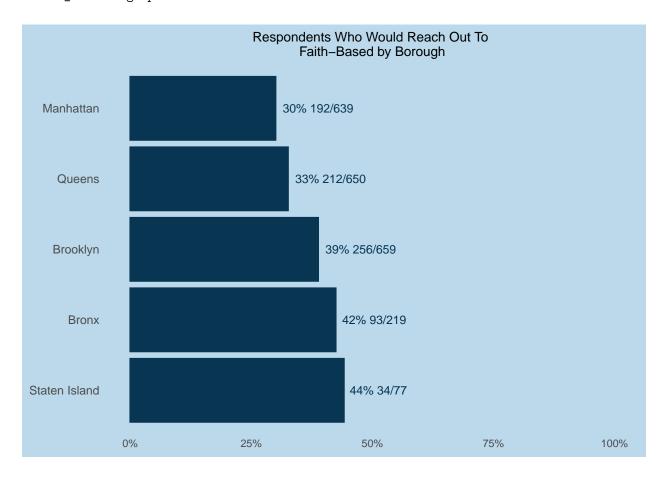


##							
##	<pre>\$lr_gov\$race_census\$p.values</pre>						
##	<pre>\$lr_gov\$race_census\$p.values\$la</pre>	r_gov					
##		black	or a	frican	american	hispanic	or latinx
##	black or african american				NA		NA
##	hispanic or latinx				NA		NA
##	other				NA		NA
##	asian				NA		NA
##	white (non-hispanic or latino)				0.0028		0.0031
##	Indigenous American				NA		NA
##	two or more races				0.0098		NA
##		other	asia	n white	e (non-hi	spanic or	latino)
##	black or african american	NA	N	ΙA			0.0028
##	hispanic or latinx	NA	N	ΙA			0.0031
##	other	NA	N	ΙA			NA
##	asian	NA	N	ΙA			NA
##	white (non-hispanic or latino)	NA	N	ΙA			NA
##	Indigenous American	NA	N	ΙA			NA
##	two or more races	NA	N	ΙA			NA
##		Indige	enous	Ameri	can two o	r more rac	ces
##	black or african american				NA	0.00	98
##	hispanic or latinx				NA		NA
##	other				NA		NA
##	asian				NA		NA
##	white (non-hispanic or latino)				NA		NA
##	Indigenous American				NA		NA

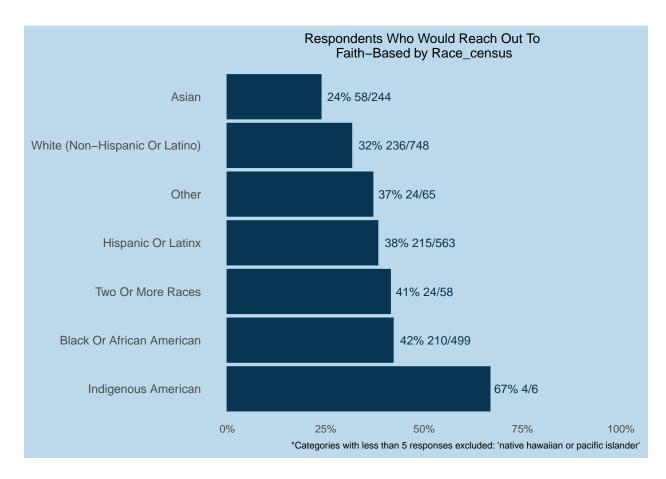


```
## $lr_gov$inc_dist$p.values
## $lr_gov$inc_dist$p.values$lr_gov
                                  below 2020 poverty line below 2020 median income
##
## below 2020 poverty line
                                                        NA
                                                                                 NA
## below 2020 median income
                                                        NA
                                                                                 NA
## at or above 2020 median income
                                                     0.003
                                                                                 NA
                                  at or above 2020 median income
## below 2020 poverty line
                                                            0.003
## below 2020 median income
                                                               NA
## at or above 2020 median income
                                                               NA
##
```

```
##
##
##
## $lr_fb
## $lr_fb$borough
## $lr_fb$borough$plot
```

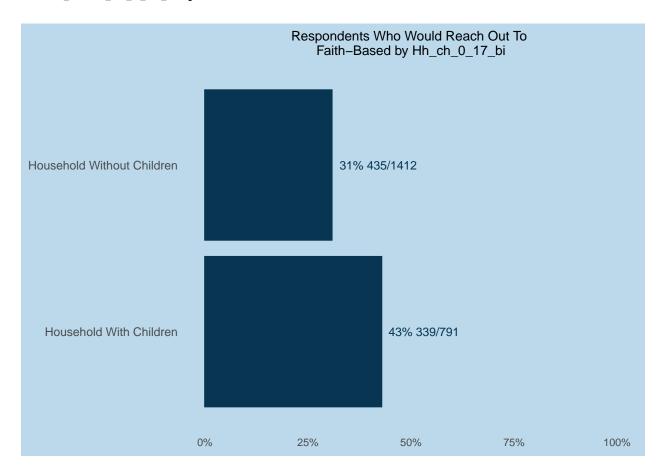


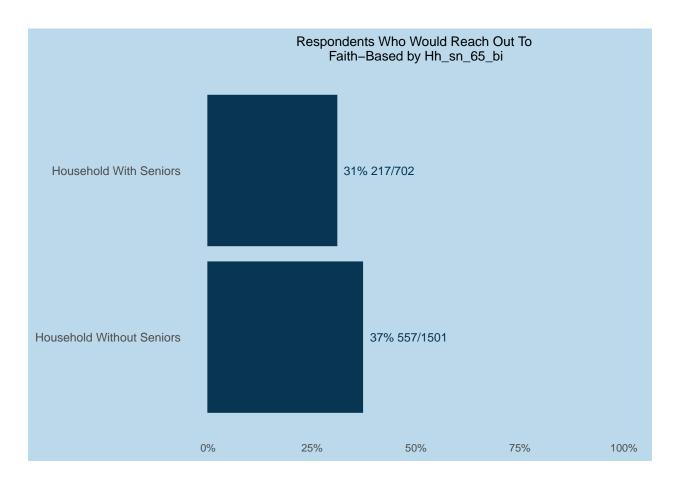
```
##
## $lr_fb$borough$p.values
## $lr_fb$borough$p.values$lr_fb
##
                 manhattan queens brooklyn bronx staten island
## manhattan
                                    0.0011 0.001
                        NA
                               NA
                                        NA 0.010
## queens
                        NA
                               NA
                                                             NA
## brooklyn
                    0.0011
                               NA
                                        NA
                                               NA
                                                             NA
                    0.0010
                             0.01
                                        NA
## bronx
                                               NA
                                                             NA
## staten island
                        NA
                               NA
                                        NA
                                               NA
                                                             NA
##
##
##
## $lr_fb$gen
## NULL
##
## $lr_fb$race_census
## $lr_fb$race_census$plot
```



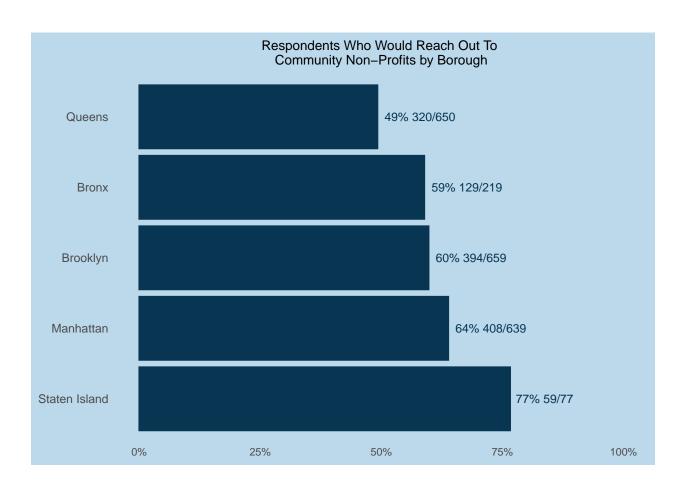
##									
##	<pre>\$lr_fb\$race_census\$p.values</pre>								
##	· · · · · · · · · · · · · · · · · · ·								
##		asian	white	(non-	hispan	ic or	latino) (other
##	asian	NA					N	ΙA	NA
##	white (non-hispanic or latino)	NA					N	ΙA	NA
##	other	NA					N	ΙA	NA
##	hispanic or latinx	9.8e-05					N	ΙA	NA
##	two or more races	NA					N	ΙA	NA
##	black or african american	1.6e-06					0.0001	l8	NA
##	Indigenous American	NA					N	ΙA	NA
##		hispanic	or la	tinx	two or	more	races		
##	asian		9.8	e-05			NA		
##	white (non-hispanic or latino)								
##	other			NA			NA		
##	hispanic or latinx		NA						
##	two or more races				NA				
##	black or african american		NA						
##	Indigenous American		NA						
##		black or	afric	an am	erican	Indi	genous	Ame	erican
##	asian			_	.6e-06				NA
	white (non-hispanic or latino)			1	.8e-04				NA
##	other				NA				NA
##	hispanic or latinx				NA				NA
##	two or more races				NA				NA
##	black or african american				NA				NA

```
## Indigenous American NA NA
##
##
##
##
## $lr_fb$hh_ch_0_17_bi
## $lr_fb$hh_ch_0_17_bi$plot
```

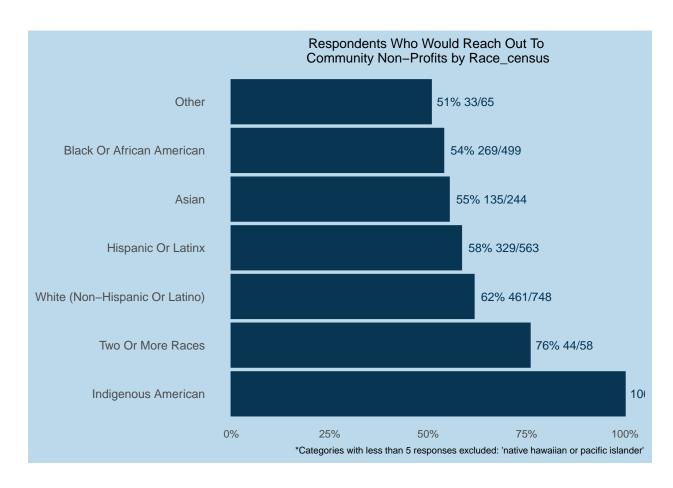




```
##
## $lr_fb$hh_sn_65_bi$p.values
## $lr_fb$hh_sn_65_bi$p.values$lr_fb
                             household with seniors household without seniors
## household with seniors
                                                                        0.0053
                                                 NA
## household without seniors
                                             0.0053
                                                                            NA
##
##
##
## $lr_fb$inc_dist
## NULL
##
##
## $lr_np
## $lr_np$borough
## $lr_np$borough$plot
```



```
##
## $lr_np$borough$p.values
## $lr_np$borough$p.values$lr_np
                  queens bronx brooklyn manhattan staten island
                             NA 0.00016
                                           1.6e-07
                                                         9.5e-06
## queens
                      NA
## bronx
                                                         8.3e-03
                      NA
                             NA
                                      NA
                                                NA
                                                         6.0e-03
## brooklyn
                 1.6e-04
                             NA
                                      NA
                                                NA
## manhattan
                 1.6e-07
                             NA
                                      NA
                                                NA
                                                              NA
## staten island 9.5e-06 0.0083 0.00600
                                                NA
                                                              NA
##
##
##
## $lr_np$gen
## NULL
##
## $lr_np$race_census
## $lr_np$race_census$plot
```



```
##
## $lr_np$race_census$p.values
## $lr_np$race_census$p.values$lr_np
                                    other black or african american asian
## other
                                       NA
                                                                  NA
                                                                         NA
## black or african american
                                                                  NA
                                                                         NA
                                                                  NA
                                                                         NA
## asian
                                       NA
## hispanic or latinx
                                                                  NA
                                                                         NA
## white (non-hispanic or latino)
                                       NA
                                                              0.0080
                                                                         NA
## two or more races
                                   0.0073
                                                              0.0023 0.0067
## Indigenous American
                                       NA
                                                                  NA
                                                                         NA
##
                                   hispanic or latinx
## other
                                                   NA
## black or african american
                                                   NA
## asian
                                                   NA
## hispanic or latinx
                                                   NA
## white (non-hispanic or latino)
                                                   NA
## two or more races
                                                   NA
## Indigenous American
##
                                   white (non-hispanic or latino) two or more races
## other
                                                                NA
                                                                              0.0073
## black or african american
                                                             0.008
                                                                              0.0023
## asian
                                                                NA
                                                                              0.0067
## hispanic or latinx
                                                                NA
                                                                                  NA
## white (non-hispanic or latino)
                                                                NA
                                                                                  NA
## two or more races
                                                                NA
                                                                                  NA
```

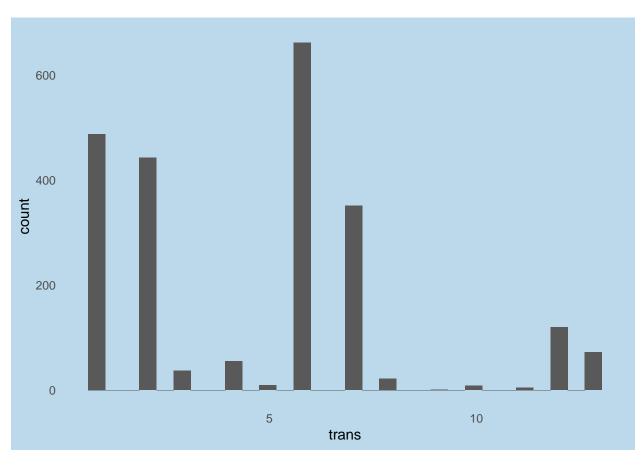
```
## Indigenous American
                                                                 NA
                                                                                   NA
##
                                   Indigenous American
## other
## black or african american
                                                     NA
## asian
                                                     NA
## hispanic or latinx
                                                     NA
## white (non-hispanic or latino)
                                                     NA
## two or more races
                                                     NA
## Indigenous American
##
##
##
## $lr_np$hh_ch_0_17_bi
## NULL
##
## $lr_np$hh_sn_65_bi
## NULL
##
## $lr_np$inc_dist
## NULL
```

6.3) Which mode of transportation most frequently used [23]

Run distribution over population Run distribution by sub-demographics (a-k) Compare and find gaps (test unequal proportions)

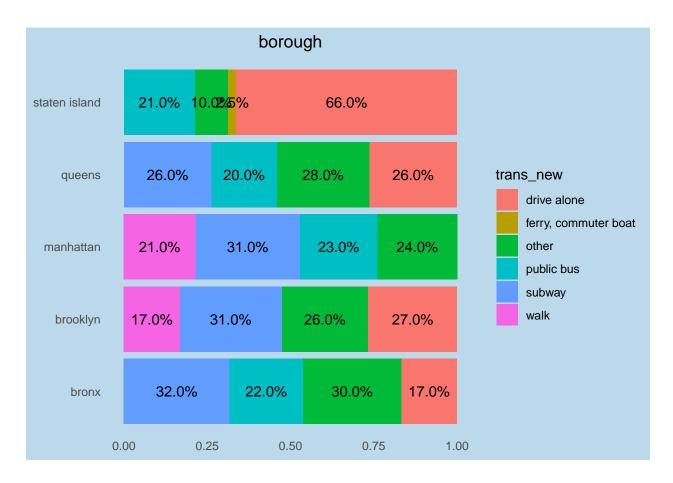
```
wrangled %>% count(trans)
```

```
## # A tibble: 14 x 2
##
                                        trans
##
                                    <int+lbl> <int>
   1 1 [drive alone]
       2 [public bus]
                                                443
       3 [carpool]
                                                 37
##
   4 4 [bike]
                                                 55
##
   5 5 [scooter]
                                                  9
   6 6 [subway]
                                                662
##
   7 7 [walk]
                                                351
  8 8 [commuter rail]
                                                 22
       9 [vanpool]
                                                  1
## 10 10 [private bus, shuttle]
                                                  8
## 11 11 [ferry, commuter boat]
                                                  5
## 12 12 [taxi, ride hail, for-hire vehicle]
                                                120
## 13 13 [other]
                                                 72
## 14 NA
                                                 42
wrangled %>% ggplot(aes(x = trans)) + geom_histogram()
```



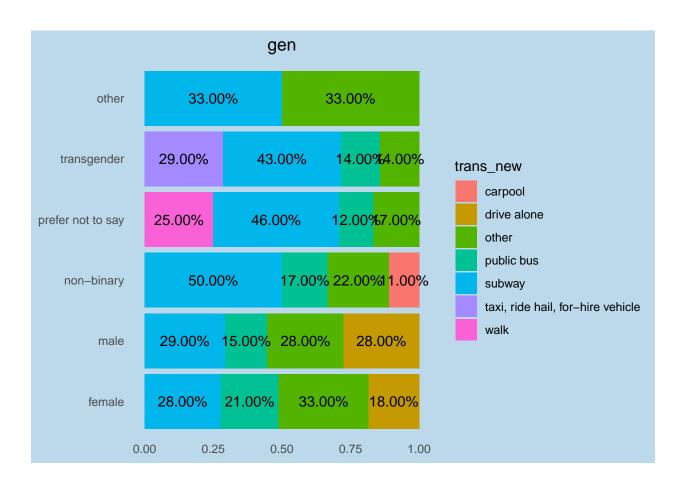
```
lapply(demographics, function(dm) {
  sym_dm <- sym(dm)</pre>
  wrangled %>%
    mutate(across(!!sym_dm, ~str_replace_all(labelled::to_factor(.),
                                         c("transgender.*" = "transgender",
                                           "indigenous.*" = "Indigenous American")))) %>%
    group_by(!!sym_dm) %>% count(!!sym_dm, trans) %>%
    arrange(dm, desc(n)) %>%
    mutate(trans_new = ifelse(row_number() < 4, to_character(trans), "other")) %>%
    group_by(!!sym_dm, trans_new) %>% summarize(n = sum(n)) %>%
    group_by(!!sym_dm) %>% mutate(denom = sum(n), prop = n/denom) %>%
    arrange(dm, prop) %>%
    mutate(label = ifelse(row_number()<=3, scales::percent(prop), "")) %>%
    filter(denom > 1) %>% na.omit() %>%
    ggplot(aes(x = prop, y = reorder(!!sym_dm, prop), fill = trans_new)) +
    geom col(position = "fill") +
    geom_text(aes(label = scales::percent(signif(prop, 2))), position = position_fill(0.5)) +
    ggtitle(dm) + xlab(NULL) + ylab(NULL)
})
```

\$borough

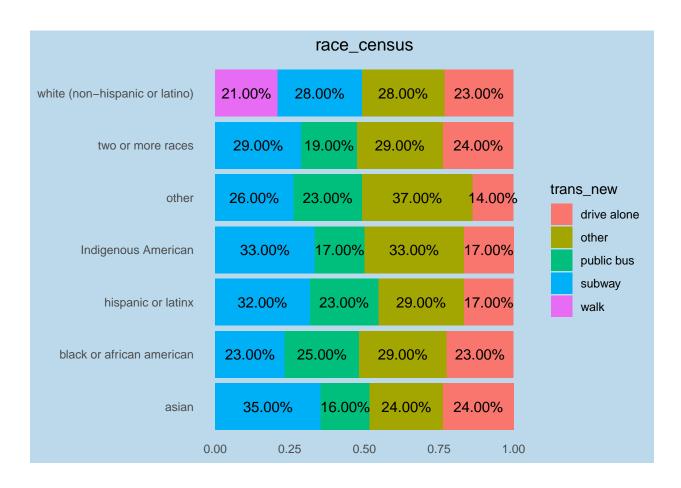


##

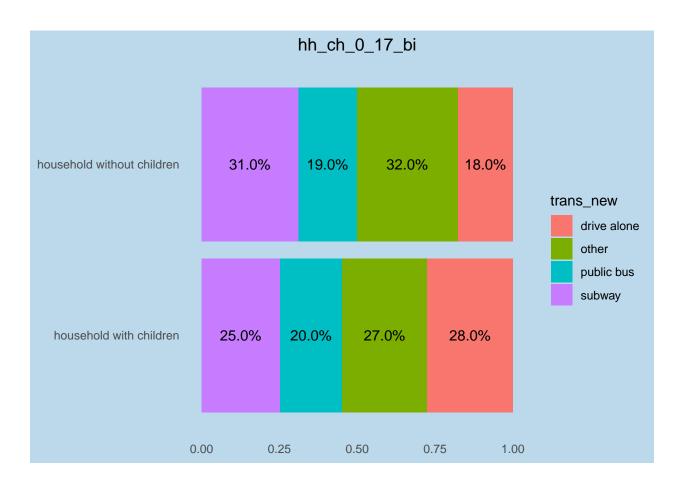
\$gen

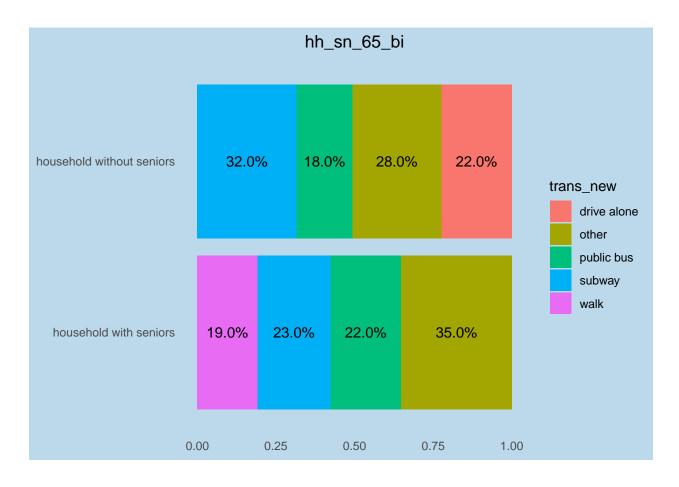


##
\$race_census



\$hh_ch_0_17_bi





##
\$inc_dist



6.5) People who experienced difficulty accessing transportation in the past year [20]

Run distribution over population Run distribution by sub-demographics (a-k) Compare and find gaps (test unequal proportions)

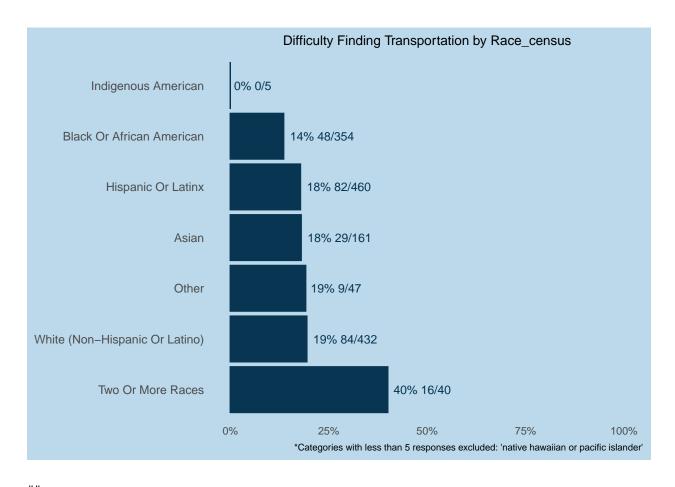
```
mean(wrangled$diff_trans, na.rm = TRUE)

## [1] 0.1808166

make_plots(wrangled, demographics, "diff_trans", title = "Difficulty finding transportation") #title ad

## $borough
## NULL
##
## $gen
## NULL
```

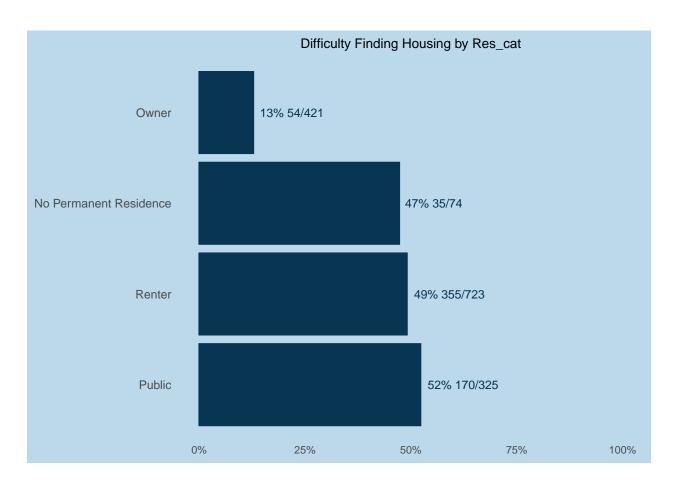
\$race_census
\$race_census\$plot



##										
##	<pre>\$race_census\$p.values</pre>									
##	<pre>\$race_census\$p.values\$diff_trans</pre>									
##		Indige	nous	${\tt American}$	black	or a	frica	n ame	erican	L
##	Indigenous American			NA					NA	
##	black or african american			NA					NA	
##	hispanic or latinx			NA					NA	
##	asian			NA					NA	
##	other			NA					NA	
##	<pre>white (non-hispanic or latino)</pre>			NA					NA	
##	two or more races			NA				4	.7e-05	,
##		hispan	ic or	r latinx	asian	othe	r			
##	Indigenous American			NA	NA	N.	A			
##	black or african american			NA	NA	N.	A			
##	hispanic or latinx			NA	NA	N.	A			
##	asian			NA	NA	N.	A			
##	other			NA	NA	N.	A			
##	<pre>white (non-hispanic or latino)</pre>			NA	NA	N.	A			
##	two or more races			0.0015 (0.0055	N.	A			
##		white	(non-	-hispanic	or lat	cino)	two o	or m	ore ra	ces
##	Indigenous American					NA				NA
##	black or african american					NA			4.7e	-05
##	hispanic or latinx					NA			1.5e	-03
##	asian					NA			5.5e	-03
##	other					NA				NA
##	white (non-hispanic or latino)					NA			4.5e	-03

6.6) People who are renting public housing or with public assistance were more likely to experience difficulty finding housing in the past six year

Find respondents who are renters of public housing or rent with public assistance [19] Find proportion of subset who indicated difficulty finding housing in the past year [20] Find proportion not in subset who indicated difficulty finding housing in the past year and compare (test unequal proportions)



```
##
## $res cat$p.values
## $res_cat$p.values$house_insec
                            owner no permanent residence renter public
## owner
                               NA
                                                  3.5e-12 1.1e-34 4.9e-31
## no permanent residence 3.5e-12
                                                       NA
                                                               NA
                                                                        NA
## renter
                                                       NA
                                                               NA
                                                                       NA
                          1.1e-34
## public
                          4.9e-31
                                                       NA
                                                               NA
                                                                       NA
```

6.7) Households below median income were more likely to have difficulty with transportation during the pandemic

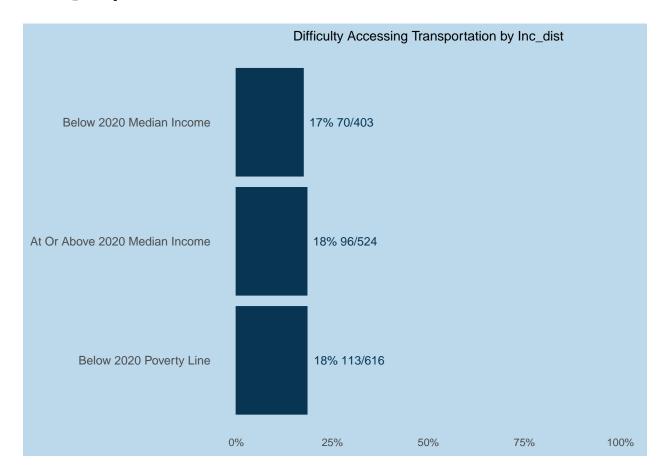
Find three groups of population who are below median income in 2021 [13] Find the proportion of each subset of people who had difficulty with transportation [20] Compare and contrast the three groups on the basis of who faced the highest number of transportation issues and test unequal proportions

```
mean(wrangled$inc_be_med_before, na.rm = TRUE)
## [1] 0.5976043
wrangled %>% count(inc_dist, diff_trans) %>% mutate_if(is.labelled, to_character)
```

```
## # A tibble: 9 x 3
##
     inc_dist
                                    diff_trans
                                                                                    n
     <chr>>
##
                                    <chr>
                                                                                <int>
## 1 below 2020 poverty line
                                    not 'difficulty accessing or using trans~
                                                                                  503
## 2 below 2020 poverty line
                                    difficulty accessing or using transporta~
                                                                                  113
## 3 below 2020 poverty line
                                    <NA>
                                                                                  176
## 4 below 2020 median income
                                    not 'difficulty accessing or using trans~
                                                                                  333
## 5 below 2020 median income
                                    difficulty accessing or using transporta~
                                                                                  70
## 6 below 2020 median income
                                    <NA>
                                                                                  152
## 7 at or above 2020 median income not 'difficulty accessing or using trans~
                                                                                  428
## 8 at or above 2020 median income difficulty accessing or using transporta~
                                                                                   96
## 9 at or above 2020 median income <NA>
                                                                                  444
```

make_plots(wrangled, "inc_dist", "diff_trans", show = "yes", title = "Difficulty Accessing Transportati

\$inc_dist
\$inc_dist\$plot



```
##
## $inc_dist$p.values
## $inc_dist$p.values$diff_trans
## below 2020 median income
## below 2020 median income
NA
## at or above 2020 median income
NA
```

mean(wrangled\$lr_fam, na.rm = TRUE)

6.8) People with limited or no internet access are more likely to use friends and family as resources

Find respondents who have limited internet access or no internet access [22] Find subset of respondents who are most likely to turn to friends/family for support [33] it's not "most likely" but did or did not list them Find proportion not in subset and compare (test unequal proportions)

```
## [1] 0.8074866

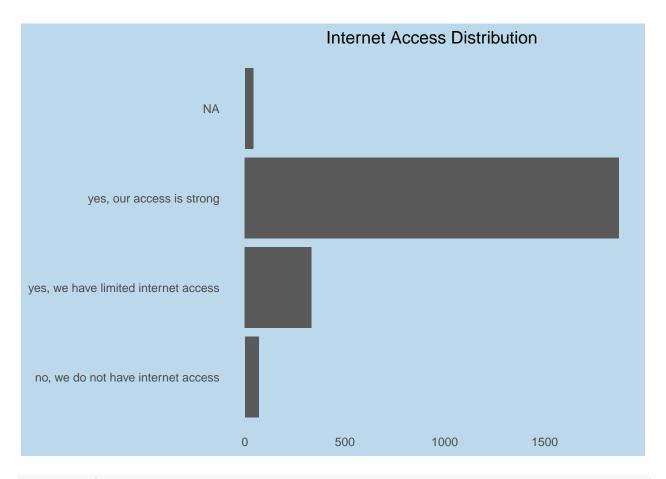
mean(wrangled$internet_acc, na.rm = TRUE)

## [1] 0.9520518

mean(wrangled$internet_lim, na.rm = TRUE)

## [1] 0.1768588

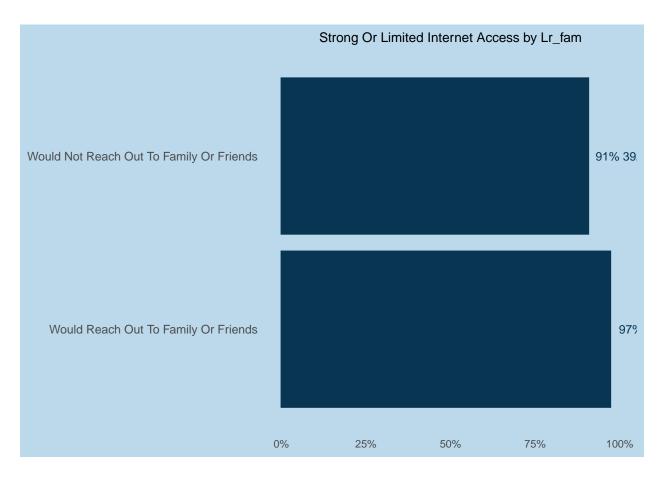
count(wrangled, internet) %>% mutate_if(is.labelled, to_character) %>%
    ggplot(aes(x = n, y = reorder(internet, n))) + geom_col() + xlab(NULL) + ylab(NULL) + ggtitle("Internet)"
```



make_plots(wrangled, "lr_fam", "internet_acc", title = "Strong or Limited Internet Access")

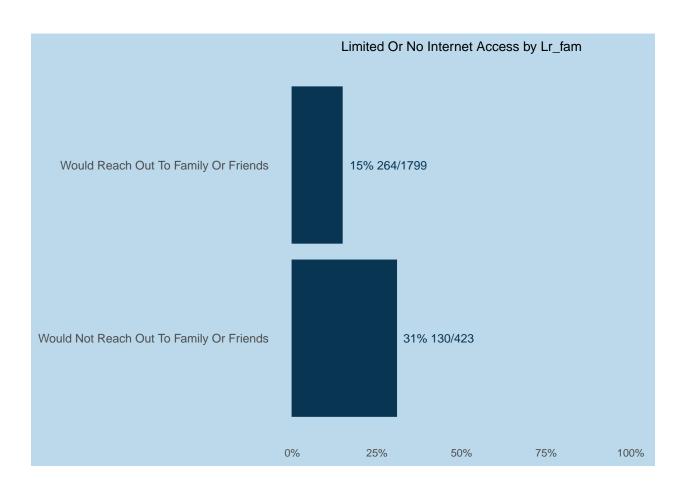
^{## \$}lr_fam

^{## \$}lr_fam\$plot



```
##
## $lr_fam$p.values
## $lr_fam$p.values$internet_acc
## would not reach out to family or friends
## would reach out to family or friends
## would reach out to family or friends
## would not reach out to family or friends
## would not reach out to family or friends
## would not reach out to family or friends
## would reach out to family or friends
## would
```

```
## $lr_fam
## $lr_fam$plot
```

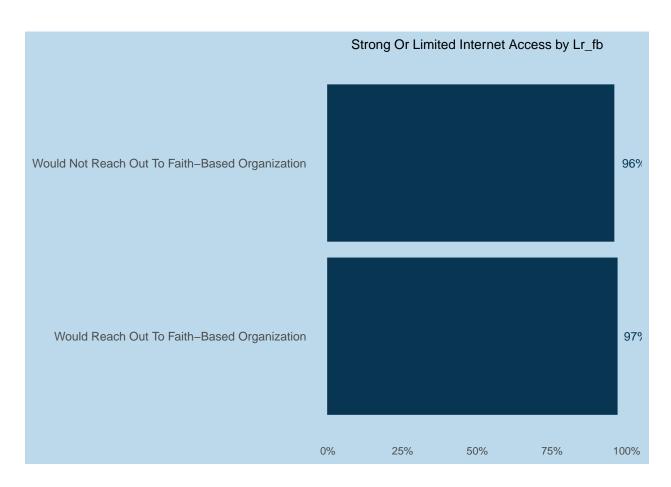


```
##
## $lr_fam$p.values
## $lr_fam$p.values$internet_lim
## would reach out to family or friends
## would not reach out to family or friends
## would not reach out to family or friends
## would not reach out to family or friends
## would reach out to family or friends
## would reach out to family or friends
## would not reach out to family or friends
## would not reach out to family or friends
## NA
```

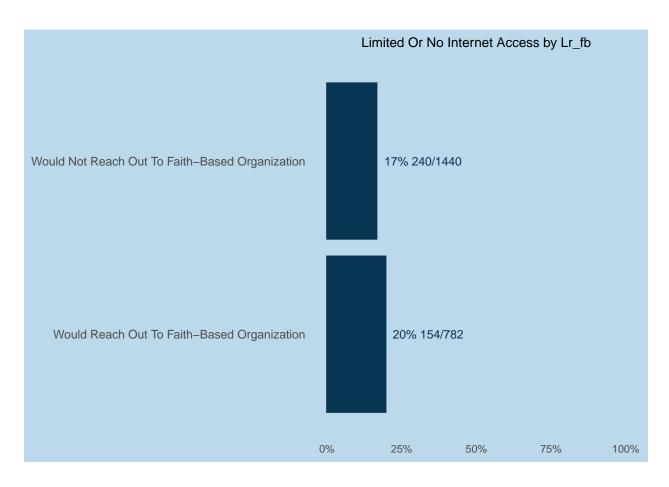
6.9) People with limited or no internet access are more likely to use faith-based resources

Find respondents who have limited internet access or no internet access [22] Find subset of respondents who are most likely to use faith-based resources [33] Find proportion not in subset and compare (test unequal proportions)

```
make_plots(wrangled, "lr_fb", "internet_acc", title = "Strong or Limited Internet Access", show = TRUE)
## $lr_fb
## $lr_fb$plot
```



```
##
## $lr_fb$p.values
## $lr_fb$p.values$internet_acc
                                                    would not reach out to faith-based organization
## would not reach out to faith-based organization
                                                                                                   NA
## would reach out to faith-based organization
##
                                                    would reach out to faith-based organization
\hbox{\it \#\# would not reach out to faith-based organization}
                                                                                               NA
## would reach out to faith-based organization
                                                                                               NA
make_plots(wrangled, "lr_fb", "internet_lim", title = "Limited or No Internet Access", show = TRUE) #sh
## $lr_fb
## $lr_fb$plot
```



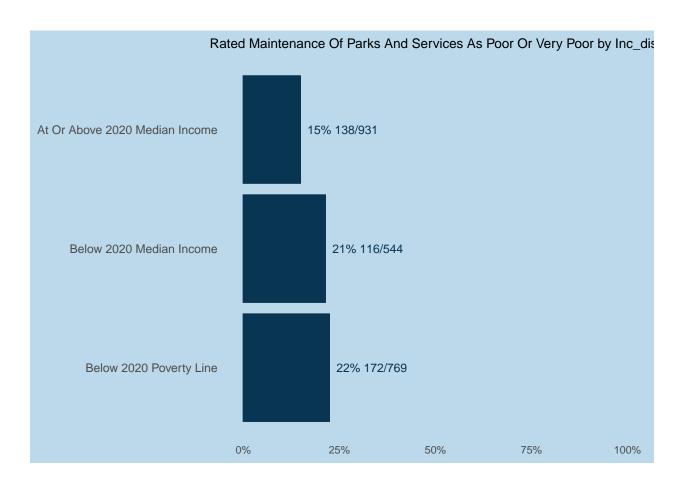
```
##
## $lr_fb$p.values
## $lr_fb$p.values$internet_lim
##
## would not reach out to faith-based organization
## would reach out to faith-based organization
## would reach out to faith-based organization
## would not reach out to faith-based organization
## would not reach out to faith-based organization
## would not reach out to faith-based organization
## would reach out to faith-based organization
```

6.10) Households below median income are more likely to rate maintenance of parks and services as poor [13, 32]

Find proportion of respondents who are below median income or at median income [13] Find subset of respondents who rated maintenance of parks and services as poor [32] Find proportion not in subset and compare (test unequal proportions)

```
make_plots(wrangled, "inc_dist", "rate_neigh_rec_bad", title = "Rated Maintenance of Parks and Services
```

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



```
##
## $inc_dist$p.values
## $inc_dist$p.values$rate_neigh_rec_bad
                                  at or above 2020 median income
## at or above 2020 median income
                                                               NA
                                                          1.8e-03
## below 2020 median income
## below 2020 poverty line
                                                          7.9e-05
                                  below 2020 median income below 2020 poverty line
## at or above 2020 median income
                                                    0.0018
                                                                            7.9e-05
## below 2020 median income
                                                         NA
                                                                                 NA
## below 2020 poverty line
                                                         NA
                                                                                 NA
```