Demographic Tables

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load data & packages

```
setwd("C:/Users/19204/OneDrive/Desktop")
imm <- read.csv("immigration_2019_clean.csv")

#install.packages("qwraps2")
library(qwraps2)
```

```
## Warning: package 'qwraps2' was built under R version 4.0.3
```

```
#View(imm)

#names(imm)
```

Full Sample Demographics

```
age <- imm$age
sex <- na.omit(imm$male)
race <- imm$race
educ <- imm$educ
money <- na.omit(imm$income)

full_sample <-
  list("Age" =
         list("Minimum"       = ~ min(age),
              "Maximum"       = ~ max(age),
              "Mean (Standard Deviation)" = ~ qwraps2::mean_sd(age)),
       "Sex" =
         list("Male"      = ~ n_perc(sex == 1),
              "Female"    = ~ n_perc(sex == 0)),
       "Race" =
         list("White"     = ~ n_perc(race == "Caucasian/White (non-Hispanic)"),
              "Asian/Pacific Islander"     = ~ n_perc(race == "Asian/Pacific Islanders"),
              "Black"     = ~ n_perc(race == "Black or African-American (non-Hispanic)"),
              "Hispanic"  = ~ n_perc(race == "Hispanic or Latino"),
              "Middle Eastern" = ~ n_perc(race == "Middle Eastern"),
              "Native American" = ~ n_perc(race == "Native American or Aleut"),
              "Other" = ~ n_perc(race == "Other")),
       "Highest Education Level" =
         list("Post-Graduate Degree"   = ~ n_perc(educ == "Completed post-graduate or professional scho
              "4-year Degree"     = ~ n_perc(educ == "Graduated 4-year college"),
```

```
            "2-year Degree"     = ~ n_perc(educ == "Graduated 2-year college"),
            "Some College"      = ~ n_perc(educ == "Some college but no college degree"),
            "High School"       = ~ n_perc(educ == "Graduated high school or GED"),
            "Less than High School"  = ~ n_perc(educ == "Less than a high school diploma")),
      "Income Level" =
        list("$120,000"      = ~ n_perc(money == 1.0000000),
            "$119,999 - $100,000"   = ~ n_perc(money == 0.8333333),
            "$99,999 - $80,000"     = ~ n_perc(money == 0.6666667),
            "$79,999 - $60,000"     = ~ n_perc(money == 0.5000000),
            "$59,999 - $40,000"     = ~ n_perc(money == 0.3333333),
            "$39,999 - $20,000"     = ~ n_perc(money == 0.1666667),
            "< $20,000"       = ~ n_perc(money == 0.0000000))

  )

full_sample_dem <- qwraps2::summary_table(imm, full_sample)
full_sample_dem
```

	imm (N = 600)
Age	
Minimum	20
Maximum	72
Mean (Standard Deviation)	39.12 ± 11.75
Sex	
Male	294 (49.25%)
Female	303 (50.75%)
Race	
White	473 (78.83%)
Asian/Pacific Islander	26 (4.33%)
Black	59 (9.83%)
Hispanic	25 (4.17%)
Middle Eastern	2 (0.33%)
Native American	6 (1.00%)
Other	9 (1.50%)
Highest Education Level	
Post-Graduate Degree	80 (13.33%)
4-year Degree	250 (41.67%)
2-year Degree	73 (12.17%)
Some College	131 (21.83%)
High School	64 (10.67%)
Less than High School	2 (0.33%)
Income Level	
$120,000	58 (9.80%)
$119,999 - $100,000	0 (0.00%)
$99,999 - $80,000	0 (0.00%)
$79,999 - $60,000	114 (19.26%)
$59,999 - $40,000	0 (0.00%)
$39,999 - $20,000	0 (0.00%)
< $20,000	51 (8.61%)

Treatment Sample

```
imm_treat <- subset(imm, tweet == "fox" | tweet == "msnbc")

age_treat <- imm_treat$age
sex_treat <- na.omit(imm_treat$male)
race_treat <- imm_treat$race
educ_treat <- imm_treat$educ
income_treat <- imm_treat$income

treatment_sample <-
  list("Age" =
         list("Minimum"       = ~ min(age_treat),
              "Maximum"       = ~ max(age_treat),
              "Mean (Standard Deviation)" = ~ qwraps2::mean_sd(age_treat)),
       "Sex" =
         list("Male"      = ~ n_perc(sex_treat == 1),
              "Female"    = ~ n_perc(sex_treat == 0)),
       "Race" =
         list("White"     = ~ n_perc(race_treat == "Caucasian/White (non-Hispanic)"),
              "Asian/Pacific Islander"     = ~ n_perc(race_treat == "Asian/Pacific Islanders"),
              "Black"     = ~ n_perc(race_treat == "Black or African-American (non-Hispanic)"),
              "Hispanic"  = ~ n_perc(race_treat == "Hispanic or Latino"),
              "Middle Eastern" = ~ n_perc(race_treat == "Middle Eastern"),
              "Native American" = ~ n_perc(race_treat == "Native American or Aleut"),
              "Other" = ~ n_perc(race_treat == "Other")),
       "Highest Education Level" =
         list("Post-Graduate Degree"   = ~ n_perc(educ_treat == "Completed post-graduate or professional
              "4-year Degree"     = ~ n_perc(educ_treat == "Graduated 4-year college"),
              "2-year Degree"     = ~ n_perc(educ_treat == "Graduated 2-year college"),
              "Some College"      = ~ n_perc(educ_treat == "Some college but no college degree"),
              "High School"       = ~ n_perc(educ_treat == "Graduated high school or GED"),
              "Less than High School"  = ~ n_perc(educ_treat == "Less than a high school diploma")),
       "Income Level" =
         list("$120,000 +"      = ~ n_perc(income_treat == "1.0000000"),
              "$119,999 - $100,000"   = ~ n_perc(income_treat == "0.8333333"),
              "$99,999 - $80,000"     = ~ n_perc(income_treat == "0.6666667"),
              "$79,999 - $60,000"     = ~ n_perc(income_treat == "0.5"),
              "$59,999 - $40,000"     = ~ n_perc(income_treat == "0.3333333"),
              "$39,999 - $20,000"     = ~ n_perc(income_treat == "0.1666667"),
              "< $20,000"       = ~ n_perc(income_treat == "0"))

  )

treatment_sample <- qwraps2::summary_table(imm_treat, treatment_sample)
treatment_sample
```

	imm_treat (N = 406)
Age	
Minimum	20
Maximum	72
Mean (Standard Deviation)	39.32 ± 11.93
Sex	

	imm_treat (N = 406)
Male	213 (52.72%)
Female	191 (47.28%)
Race	
White	321 (79.06%)
Asian/Pacific Islander	20 (4.93%)
Black	36 (8.87%)
Hispanic	16 (3.94%)
Middle Eastern	1 (0.25%)
Native American	4 (0.99%)
Other	8 (1.97%)
Highest Education Level	
Post-Graduate Degree	61 (15.02%)
4-year Degree	170 (41.87%)
2-year Degree	52 (12.81%)
Some College	86 (21.18%)
High School	35 (8.62%)
Less than High School	2 (0.49%)
Income Level	
$120,000 +	NA/402 (NA%)
$119,999 - $100,000	NA/402 (NA%)
$99,999 - $80,000	NA/402 (NA%)
$79,999 - $60,000	NA/402 (NA%)
$59,999 - $40,000	NA/402 (NA%)
$39,999 - $20,000	NA/402 (NA%)
< $20,000	NA/402 (NA%)

Control Sample

```
imm_control <- subset(imm, tweet == "control")

age_control <- imm_control$age
sex_control <- na.omit(imm_control$male)
race_control <- imm_control$race
educ_control <- imm_control$educ
income_control <- imm_control$income

control_sample <-
  list("Age" =
         list("Minimum"       = ~ min(age_control),
              "Maximum"       = ~ max(age_control),
              "Mean (Standard Deviation)" = ~ qwraps2::mean_sd(age_control)),
       "Sex" =
         list("Male"      = ~ n_perc(sex_control == 1),
              "Female"    = ~ n_perc(sex_control == 0)),
       "Race" =
         list("White"     = ~ n_perc(race_control == "Caucasian/White (non-Hispanic)"),
              "Asian/Pacific Islander"     = ~ n_perc(race_control == "Asian/Pacific Islanders"),
              "Black"     = ~ n_perc(race_control == "Black or African-American (non-Hispanic)"),
              "Hispanic"  = ~ n_perc(race_control == "Hispanic or Latino"),
              "Middle Eastern" = ~ n_perc(race_control == "Middle Eastern"),
              "Native American" = ~ n_perc(race_control == "Native American or Aleut"),
```

```
            "Other" = ~ n_perc(race_control == "Other")),
      "Highest Education Level" =
        list("Post-Graduate Degree"   = ~ n_perc(educ_control == "Completed post-graduate or professio
             "4-year Degree"     = ~ n_perc(educ_control == "Graduated 4-year college"),
             "2-year Degree"     = ~ n_perc(educ_control == "Graduated 2-year college"),
             "Some College"      = ~ n_perc(educ_control == "Some college but no college degree"),
             "High School"       = ~ n_perc(educ_control == "Graduated high school or GED"),
             "Less than High School"  = ~ n_perc(educ_control == "Less than a high school diploma")),
      "Income Level" =
        list("$120,000 +"      = ~ n_perc(income_control == "1.0000000"),
             "$119,999 - $100,000"   = ~ n_perc(income_control == "0.8333333"),
             "$99,999 - $80,000"     = ~ n_perc(income_control == "0.6666667"),
             "$79,999 - $60,000"     = ~ n_perc(income_control == "0.5000000"),
             "$59,999 - $40,000"     = ~ n_perc(income_control == "0.3333333"),
             "$39,999 - $20,000"     = ~ n_perc(income_control == "0.1666667"),
             "< $20,000"             = ~ n_perc(income_control == "0.0000000"))

  )

control_sample <- qwraps2::summary_table(imm_control, control_sample)
control_sample
```

	imm_control (N = 194)
Age	
Minimum	21
Maximum	71
Mean (Standard Deviation)	38.70 ± 11.38
Sex	
Male	81 (41.97%)
Female	112 (58.03%)
Race	
White	152 (78.35%)
Asian/Pacific Islander	6 (3.09%)
Black	23 (11.86%)
Hispanic	9 (4.64%)
Middle Eastern	1 (0.52%)
Native American	2 (1.03%)
Other	1 (0.52%)
Highest Education Level	
Post-Graduate Degree	19 (9.79%)
4-year Degree	80 (41.24%)
2-year Degree	21 (10.82%)
Some College	45 (23.20%)
High School	29 (14.95%)
Less than High School	0 (0.00%)
Income Level	
$120,000 +	NA/190 (NA%)
$119,999 - $100,000	NA/190 (NA%)
$99,999 - $80,000	NA/190 (NA%)
$79,999 - $60,000	NA/190 (NA%)
$59,999 - $40,000	NA/190 (NA%)
$39,999 - $20,000	NA/190 (NA%)
< $20,000	NA/190 (NA%)