PREDICT results

Nathan Green

24/02/2020

```
library(readr)
library(ggplot2)
library(dplyr)
library(reshape2)
```

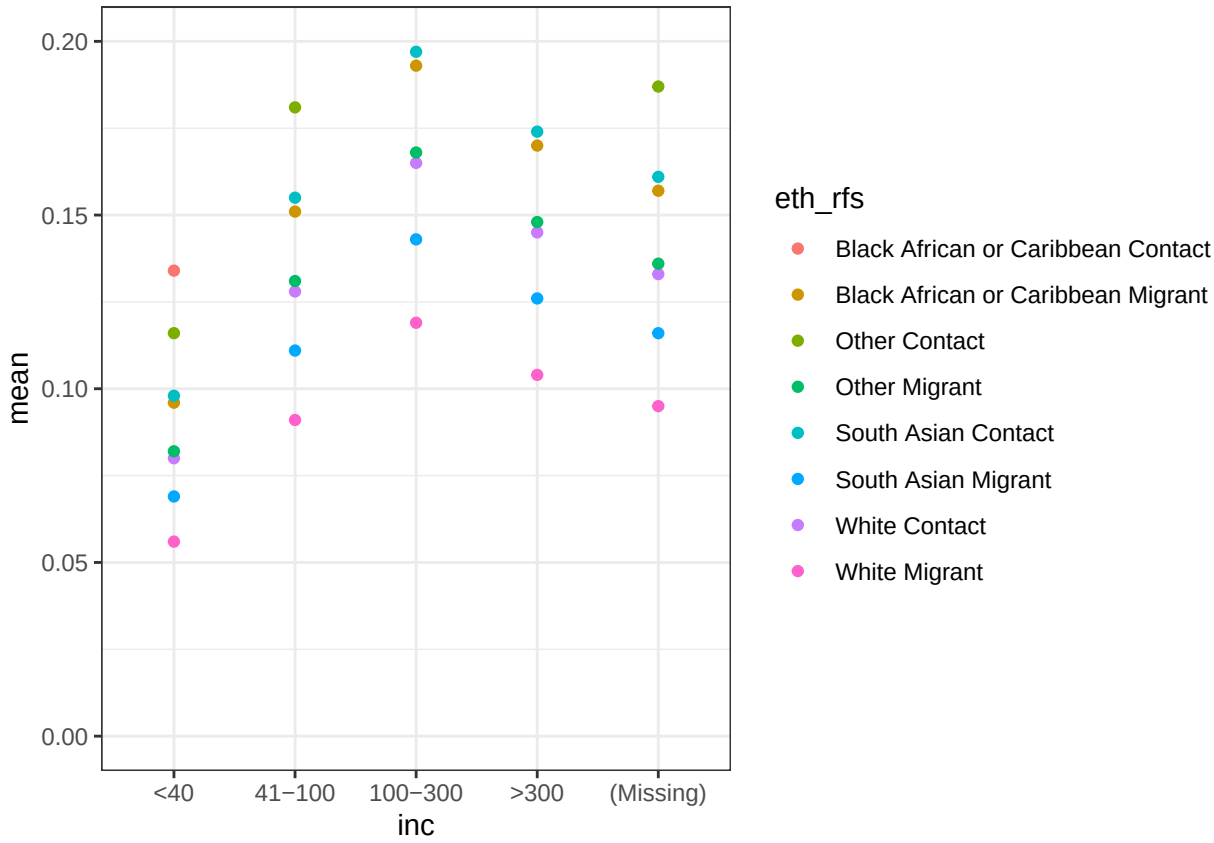
```
dat <- read_csv(here::here("data output/ppred.csv"))

head(dat)
```

```
## # A tibble: 6 x 7
##      X1 rfs     inc     eth   age      mean    sd
##   <dbl> <chr>   <chr>   <chr> <chr>   <dbl> <dbl>
## 1     1 Contact <40     White (15,35] 0.08  0.021
## 2     2 Migrant <40     White (15,35] 0.056 0.017
## 3     3 Contact 41-100  White (15,35] 0.128 0.027
## 4     4 Migrant 41-100  White (15,35] 0.091 0.023
## 5     5 Contact 100-300 White (15,35] 0.165 0.029
## 6     6 Migrant 100-300 White (15,35] 0.119 0.026
```

```
dat1 <-
  dat %>%
  mutate(
    rfs = as.factor(rfs),
    eth_rfs = paste(eth, rfs),
    inc = factor(inc, levels = c("<40", "41-100","100-300",">300","(Missing)"))) %>%
  filter(
    # eth == "White",
    age == "(15,35]")

ggplot(dat1, aes(x = inc, y = mean, col = eth_rfs)) +
  geom_point() +
  ylim(0, 0.2) +
  theme_bw()
```


0.20
0.15
0.10
0.05
0.00
mean
<40
41−100
100−300
>300
(Missing)
inc
eth_rfs
Black African or Caribbean Contact
Black African or Caribbean Migrant
Other Contact
Other Migrant
South Asian Contact
South Asian Migrant
White Contact
White Migrant