

Project Draft

Due: October 30, 11:59pm

```
library(tidyverse)
climate <- read_csv("data/WB_clim_migr_conf.csv")

#climate2 <- data.frame(t(climate[-1]))
#colnames(climate2) <- climate[, -1]

#glimpse(climate2)
```

Introduction

Methodology

In order to analyze our data, we will run multiple linear regressions on internally displaced people associated with disasters and other variables that have been associated with displacement. We will look at regions of countries in the world in order to make the data analysis easier for us. We would like to see which variables are correlated with internal displacement, and once we identify some of the better predictors of displacement, we would like to run other

```
displacement <- climate %>%
  filter(`Series Name` == "Internally displaced persons, new displacement associated with disasters (num
  filter(`Country Name` == "Vietnam") %>%
  select(!(`Country Name` | `Country Code` | `Series Code`))

climate2 <- data.frame(t(displacement[-1]))
#colnames(climate2) <- displacement[, -1]

climate2 <- climate2 %>%
  filter(X1 != "." & X2 != ".")

disp_lm <- lm(X1 ~ X2, data = climate2)

tidy(disp_lm)

## # A tibble: 12 x 5
##   term          estimate std.error statistic p.value
##   <chr>          <dbl>    <dbl>    <dbl>    <dbl>
## 1 (Intercept)  61323029.      NaN      NaN      NaN
## 2 X2106000    -200597.      NaN      NaN      NaN
## 3 X2143000    -99788.      NaN      NaN      NaN
## 4 X215000     -34628.      NaN      NaN      NaN
## 5 X2187000    -151173.      NaN      NaN      NaN
## 6 X2230000    -72749.      NaN      NaN      NaN
## 7 X2442000    -112498.      NaN      NaN      NaN
```

##	8	X2633000	-36703.	NaN	NaN	NaN
##	9	X268000	20278.	NaN	NaN	NaN
##	10	X281000	971.	NaN	NaN	NaN
##	11	X289000	-193063.	NaN	NaN	NaN
##	12	X29600	20854.	NaN	NaN	NaN

Restults

Discussion