Assignment 2, Social Science Inquiry II (SOSC13200-W22-3)

Friday 1/21/22 at 5pm

Packages

```
library(ggplot2)
```

Read in the data.

```
file <- "https://raw.githubusercontent.com/UChicago-pol-methods/SOSC13200-W22/main/data/card-krueger.csv
dat <- read.csv(file, as.is = TRUE)
```

1. Reproduce the reported means from table 2 of the Card and Krueger paper, for 1a-e, 2a, and 3a.

You do not need to reproduce the test of equality of means in the far right column, or the standard errors in parentheses.

```
# Your code here.
```

2a. Make separate histograms showing the number of part time employees in each state, in the first wave only. Label your plots.

```
# Your code here.
```

2b. Using `facet_wrap()`, make the same figure for each state and both waves in the same plot.

```
# Your code here.
```

3. Using `geom_boxplot()`, create a box and whiskers plot of the distribution of full time employees.

Include wave as a secondary aesthetic, and state as color, so that you should have two paired plots for each wave.

```
# Your code here.
```