Problem Set 6

Tate Mason

Hansen 17.2

Question 1

```r
library(Matrix)
library(dplyr)
```

```
Attaching package: 'dplyr'

The following objects are masked from 'package:stats':

    filter, lag

The following objects are masked from 'package:base':

    intersect, setdiff, setequal, union
```

```r
library(tidyr)
```

```
Attaching package: 'tidyr'

The following objects are masked from 'package:Matrix':

    expand, pack, unpack
```

```
library(magrittr)
```

```
Attaching package: 'magrittr'

The following object is masked from 'package:tidyr':

    extract
```

```
df <- read.csv('metrics.csv')
head(df)
```

```
   X id displaced EDUC first.displaced  race gender year    earn    learn
1 78  6         0  COL               0 White   Male 2001   43500 10.68052
2 79  6         0  COL               0 White   Male 2003   56500 10.94200
3 80  6         0  COL               0 White   Male 2005   65000 11.08214
4 81  6         0  COL               0 White   Male 2007   86000 11.36210
5 82  6         0  COL               0 White   Male 2009   90300 11.41089
6 83  6         0  COL               0 White   Male 2011  105000 11.56172
```

Part A

Part B

Part C

Part D

Question 2

Question 3