

Cluster Selection Supplement

Terry Slenn

November 9, 2019

```
#sample(1:10000, size = 1) ## Randomly choose seed: 8367
set.seed(8367) ## Manually set seed for reproducible results
```

Northwest DC Sample

Previous zip codes have been removed.

```
zips <- tibble(zipcode = c(20004,20005,20008,20009,20036),
               pops = c(1717,13234,29527,51542,5836))

sample_n(zips, 4, weight = pops)
```

```
## # A tibble: 4 x 2
##   zipcode pops
##   <dbl> <dbl>
## 1   20036  5836
## 2   20009 51542
## 3   20008 29527
## 4   20005 13234
```

Arlington

```
zips <- tibble(zipcode = c(22201,22202,22203,22205,22207,22209,22213),
               pops = c(37524,23509,24188,18823,33431,12335,3317))

sample_n(zips, 2, weight = pops)
```

```
## # A tibble: 2 x 2
##   zipcode pops
##   <dbl> <dbl>
## 1   22209 12335
## 2   22205 18823
```

Bethesda/Rockville

```
zips <- tibble(zipcode = c(20814,20815,20816,20817,20850,20851,20852,20855,20895),
               pops = c(29005,30476,16248,37226,33557,13038,34956,17251,18713))

sample_n(zips, 2, weight = pops)
```

```
## # A tibble: 2 x 2
##   zipcode pops
##   <dbl> <dbl>
## 1   20851 13038
```

2 20817 37226