

hw8

QRME Cohort!

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R Markdown

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```
## # A tibble: 5,748 x 12
##   schidkn sex   frl   reg_size reg_size_aid small_size white black other totexp
##   <int> <chr> <chr>   <int>         <int>      <int> <int> <int> <int> <int>
## 1     63 girl  no         0           0         1     1     0     0     7
## 2     20 girl  no         0           0         1     0     1     0    21
## 3     19 boy   yes         0           1         0     0     1     0     0
## 4     69 boy   no         1           0         0     1     0     0    16
## 5     79 boy   yes         0           0         1     1     0     0     5
## 6      5 boy   yes         1           0         0     1     0     0     8
## 7     16 girl  yes         0           1         0     0     1     0    17
## 8     56 girl  no         1           0         0     1     0     0     3
## 9     11 girl  no         0           0         1     0     1     0    11
## 10    66 girl  no         0           0         1     1     0     0    10
## # ... with 5,738 more rows, and 2 more variables: tmathss <int>, treadss <int>
```

Summary statistics for students based on sex and free reduced lunch status:

On average, students with free/reduced lunch status regardless of their sex performed lower than their peers.

```
## # A tibble: 4 x 6
## # Groups:   sex [2]
##   sex   frl   math_mean math_sd rdg_mean rdg_sd
##   <chr> <chr>     <dbl>   <dbl>   <dbl>   <dbl>
## 1 boy   no       493.    46.3    441.    32.3
## 2 boy   yes      470.    46.1    425.    26.6
## 3 girl  no      501.    46.0    449.    34.5
## 4 girl  yes      478.    46.3    431.    27.4
```