

The results below are generated from an R script.

```
setwd('~ /Dsc520')
library(ggplot2)
library(readr)
theUrl <- "http://content.bellevue.edu/cst/dsc/520/id/resources/scores.csv"
data <- read.csv(file = theUrl, header = TRUE, sep = ',')
head(data)

##   Count Score Section
## 1     10    200  Sports
## 2     10    205  Sports
## 3     20    235  Sports
## 4     10    240  Sports
## 5     10    250  Sports
## 6     10    265 Regular

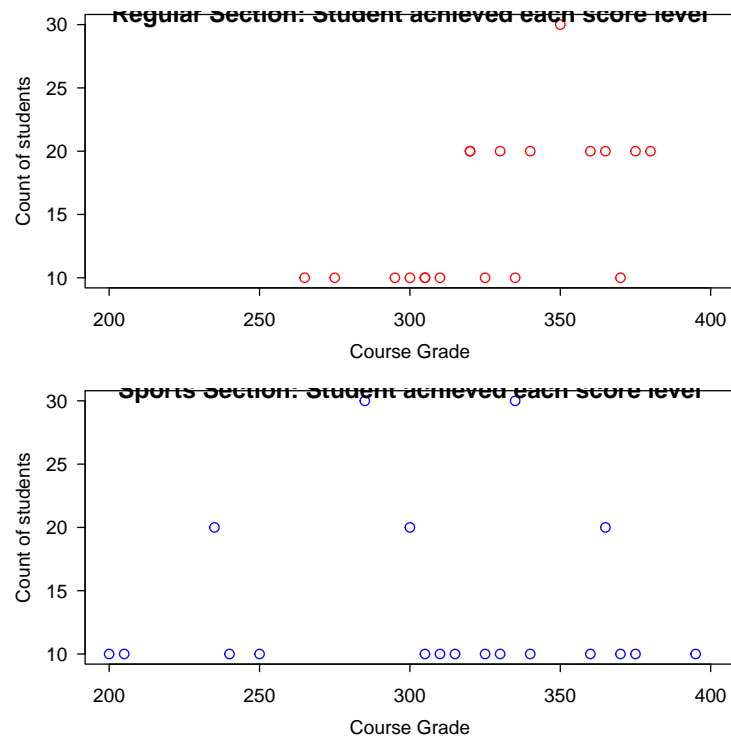
str(data)

## 'data.frame': 38 obs. of  3 variables:
##  $ Count   : int  10 10 20 10 10 10 30 10 10 ...
##  $ Score    : int  200 205 235 240 250 265 275 285 295 300 ...
##  $ Section: chr   "Sports" "Sports" "Sports" "Sports" ...

regular_data <- subset(data, Section=='Regular')

sports_data <- subset(data, Section=='Sports')
#head(sports_data)
#plot(regular_data$Count, regular_data$Score)
par(mfrow = c(2, 1))
plot(Count ~ Score, data = regular_data,
     xlim = c(200, 400),
     main = "Regular Section: Student achieved each score level",
     xlab = "Course Grade",
     ylab = "Count of students",
     col = 'red')

plot(Count ~ Score, data = sports_data,
     xlim = c(200, 400),
     main = "Sports Section: Student achieved each score level",
     xlab = "Course Grade",
     ylab = "Count of students",
     col = 'blue')
```



```
par_mfrow = c(1, 1)
```

The R session information (including the OS info, R version and all packages used):

```
sessionInfo()

## R version 4.3.1 (2023-06-16 ucrt)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 10 x64 (build 19045)
##
## Matrix products: default
##
##
## locale:
## [1] LC_COLLATE=English_United States.utf8  LC_CTYPE=English_United States.utf8
## [3] LC_MONETARY=English_United States.utf8 LC_NUMERIC=C
## [5] LC_TIME=English_United States.utf8
##
## time zone: America/Chicago
## tzcode source: internal
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods    base
##
## other attached packages:
## [1] readr_2.1.4  ggplot2_3.4.2 knitr_1.43   tinytex_0.45
##
## loaded via a namespace (and not attached):
## [1] vctrs_0.6.2    cli_3.6.1      rlang_1.1.1    xfun_0.39      highr_0.10
## [6] generics_0.1.3 glue_1.6.2     colorspace_2.1-0 hms_1.1.3     scales_1.2.1
```

```
## [11] fansi_1.0.4      grid_4.3.1      munsell_0.5.0   evaluate_0.21   tibble_3.2.1
## [16] tzdb_0.4.0       lifecycle_1.0.3 compiler_4.3.1  dplyr_1.1.2     pkgconfig_2.0.3
## [21] rstudioapi_0.14  R6_2.5.1        tidyselect_1.2.0 utf8_1.2.3      pillar_1.9.0
## [26] magrittr_2.0.3   tools_4.3.1     withr_2.5.0     gtable_0.3.3

Sys.time()

## [1] "2023-06-26 19:47:28 CDT"
```