

Unofficial Kahn Academy R Supplement: Dot Plots and Frequency Tables / Histograms

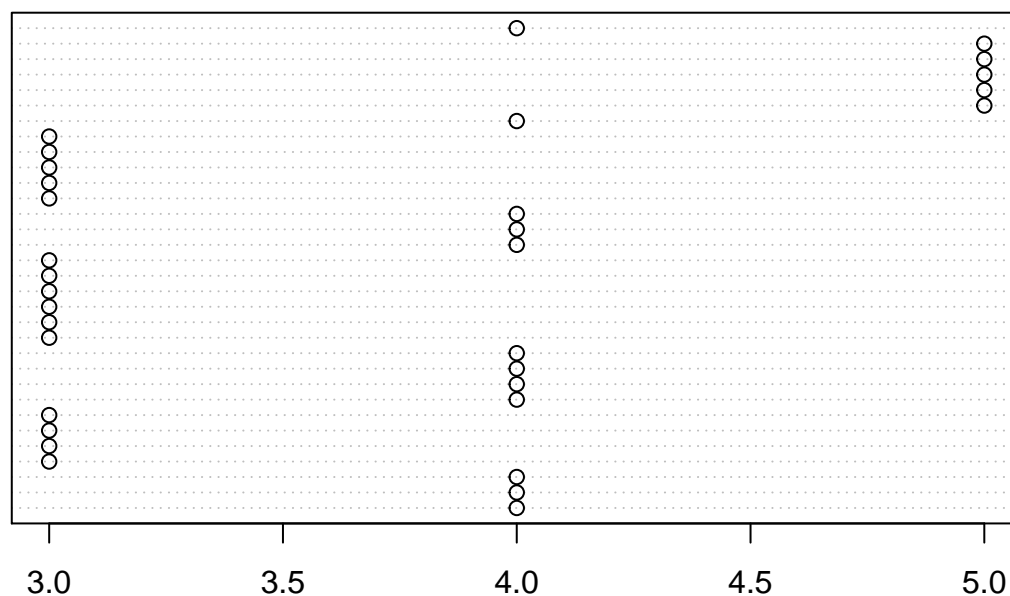
Frequency tables were already touched on in the lesson on “categorical data displays,” but to reiterate, you can create a frequency table by simply placing the variable inside the *table* command:

```
table(mtcars$gear)
```

```
##  
##  3  4  5  
## 15 12  5
```

As described in the KA lecture, dot plots are very similar, but use dots to denote frequency instead of the more straight-up numbers.

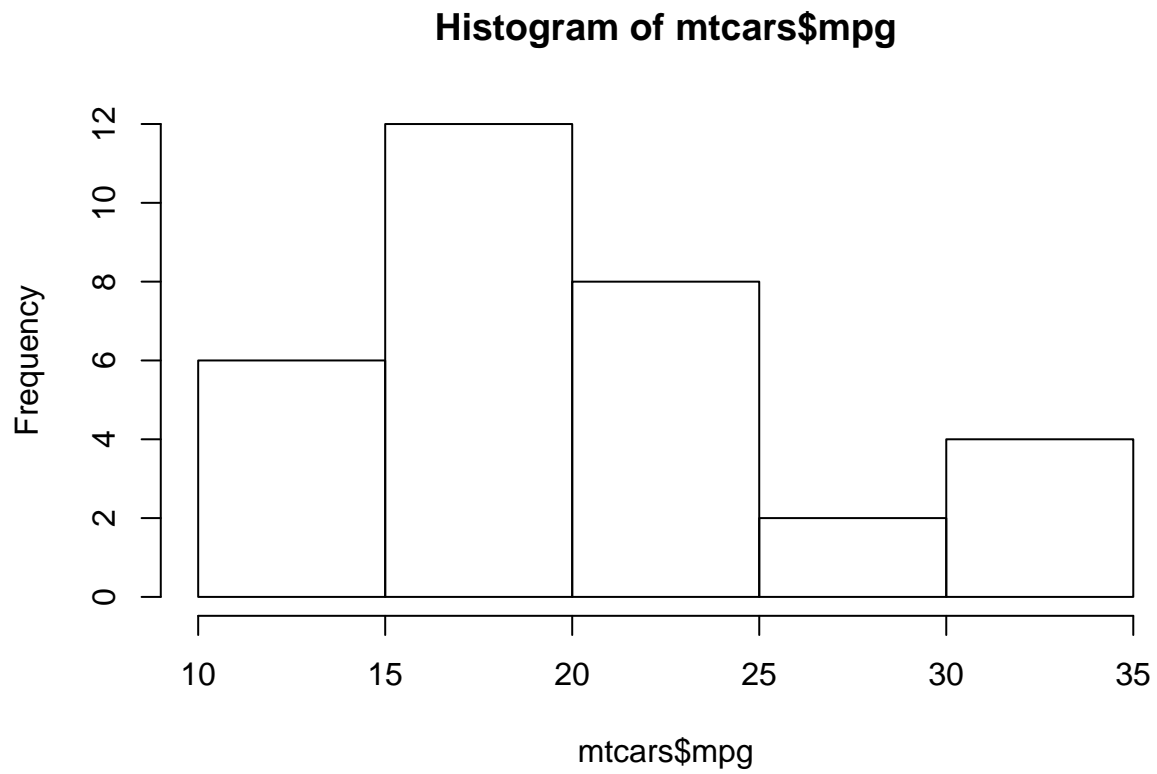
```
dotchart(mtcars$gear)
```



Once again, there are various ways to tweak the dot plot (see <http://www.statmethods.net/graphs/dot.html>).

Finally, histograms are created with the *hist* command (hopefully you are beginning to see the pattern).

```
hist(mtcars$mpg)
```



Once again, this basic graph can be developed and refined: <https://www.r-bloggers.com/how-to-make-a-histogram-with-basic-r/>