Exercise 3
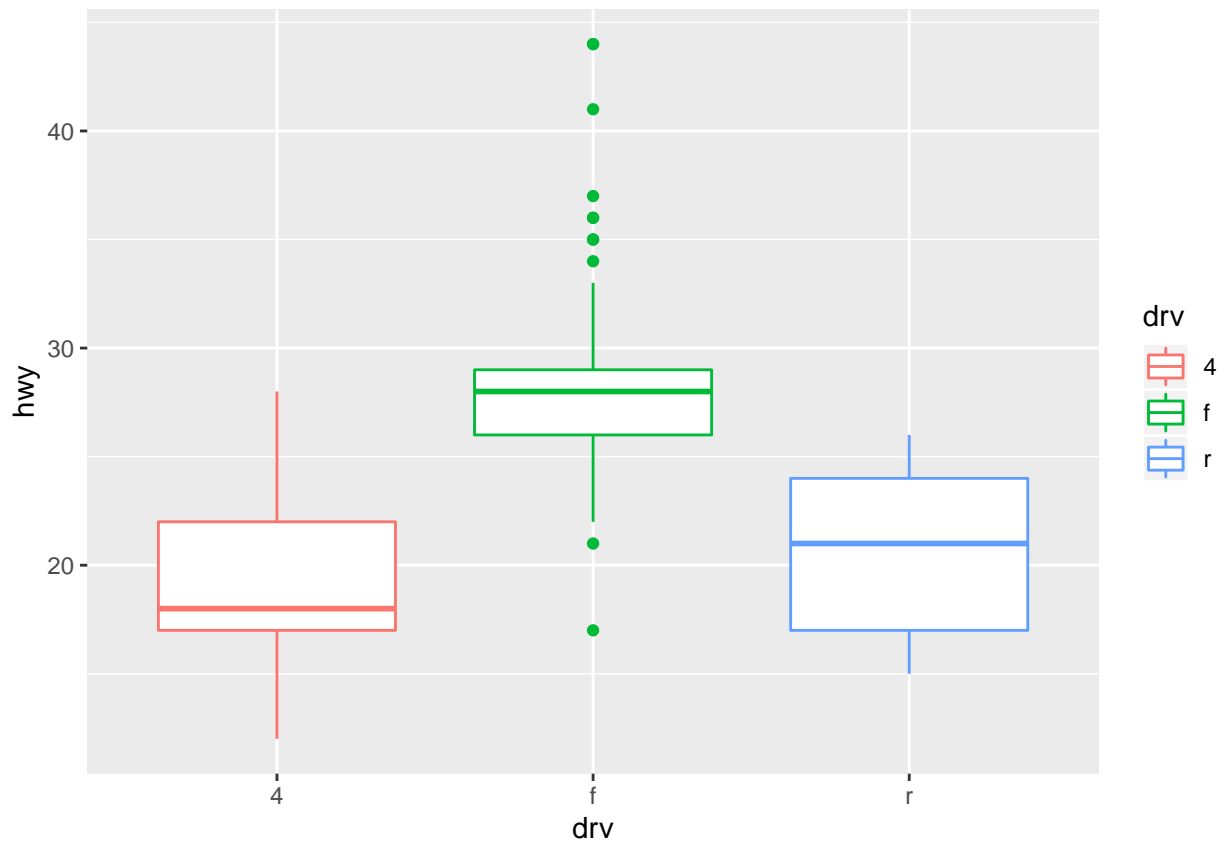
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Embed a plot

Here's an embedded plot

```
library(ggplot2)
ggplot(data = mpg, aes(x = drv,
                       y = hwy,
                       colour = drv)) +
  geom_boxplot()
```


Embed a table

Here's an embedded table

```
library(BristolVis)
library(arsenal)
table_one <- tableby(diet ~ bmi + sex,
```

```
                data = bmi,
                test=TRUE, # include tests of associations between diet and exposures
                total=TRUE, # include a total column
                control=tableby.control(digits=1)) # to control how many decimal places are in the
summary(table_one)
```

	0 (N=9)	1 (N=11)	Total (N=20)	p value
bmi				0.618
Mean (SD)	30.7 (3.0)	30.2 (1.1)	30.4 (2.1)	
Range	25.0 - 33.3	28.0 - 31.8	25.0 - 33.3	
sex				0.423
F	5 (55.6%)	8 (72.7%)	13 (65.0%)	
M	4 (44.4%)	3 (27.3%)	7 (35.0%)	

Inline R code

We included 20 people from the `BMI` dataset in our analyses. The mean BMI of people in this study was 30.4kg/m^2 (sd = 2.1kg/m^2).