

Exercise 3

Chris Penfold

25 September, 2019

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/m² (sd = 2.1kg/m²).

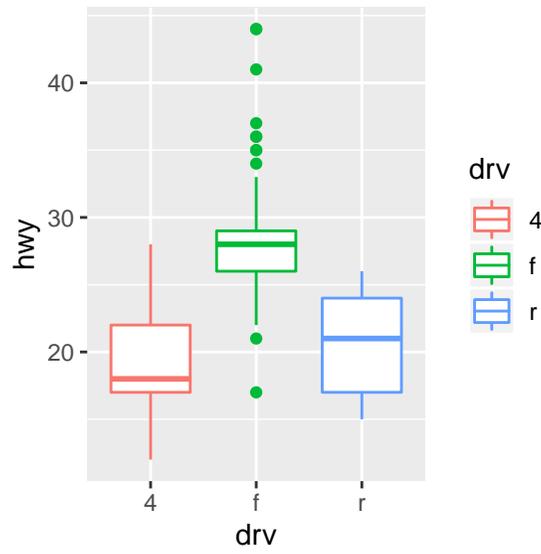


Figure 1: Miles per gallon by drive type