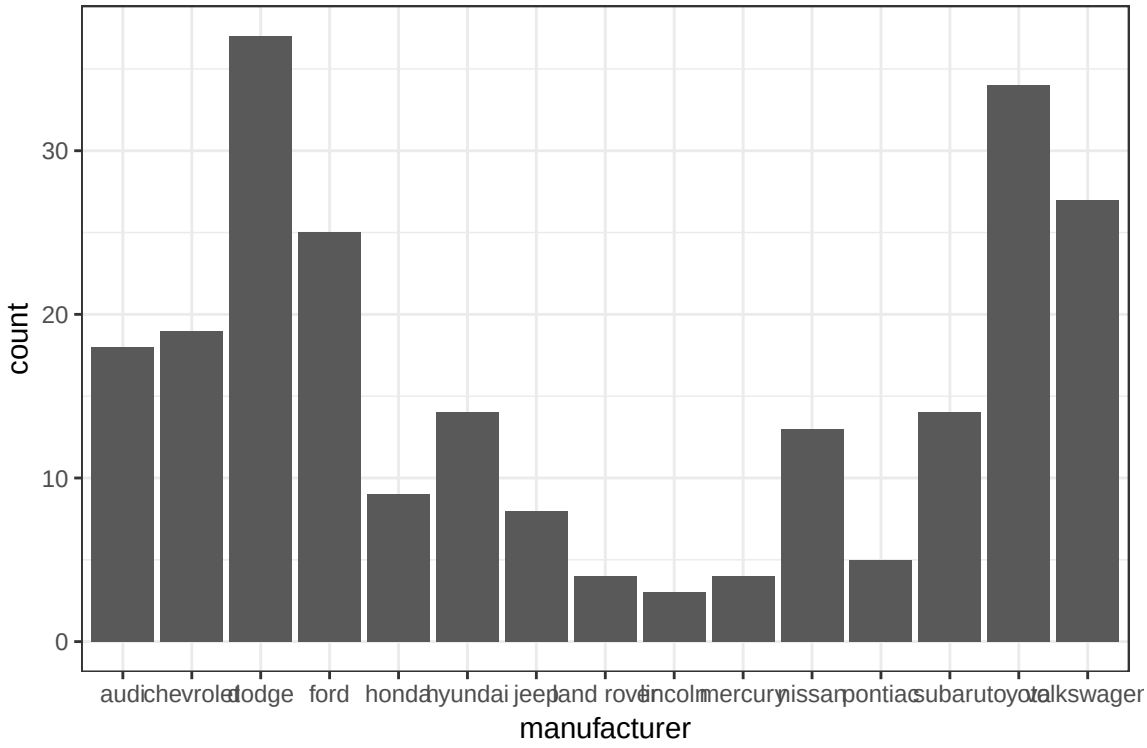
Load packages:

```
library(tidyverse)
theme_set(theme_bw()) # My prefered theme, feel free to choose other
```

Exercise 1

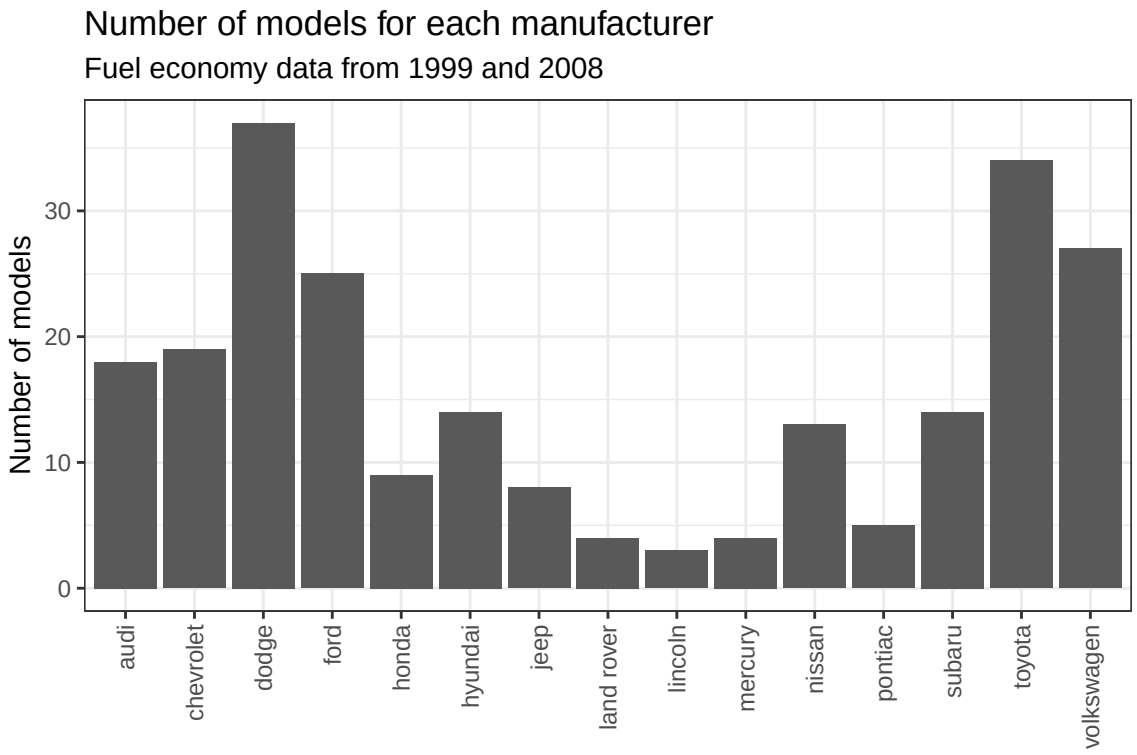
Part 1

First, make this plot:



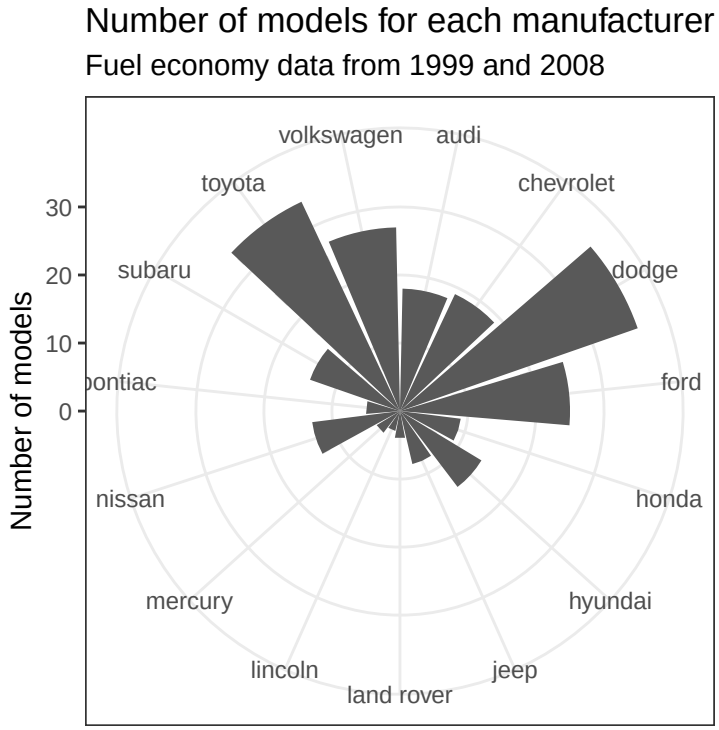
Part 2

Now, make that plot a bit nicer, something like:



Part 3

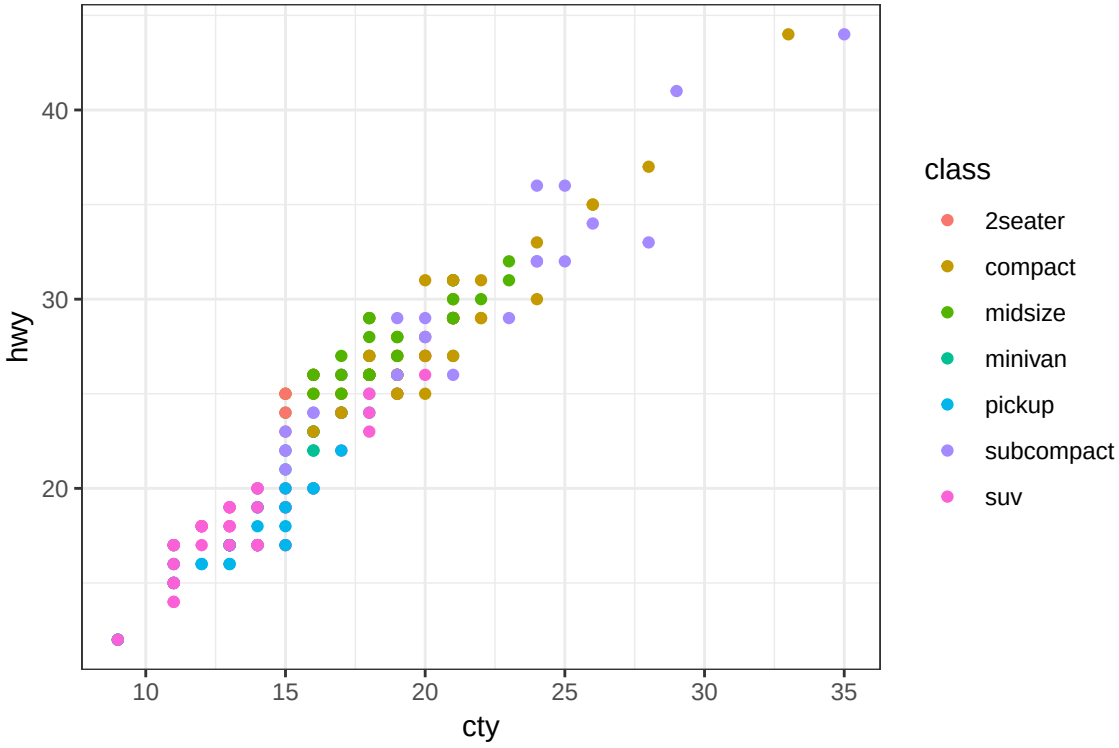
. . . or even in polar coordinates (hint: `coord_polar()`):



Exercise 2

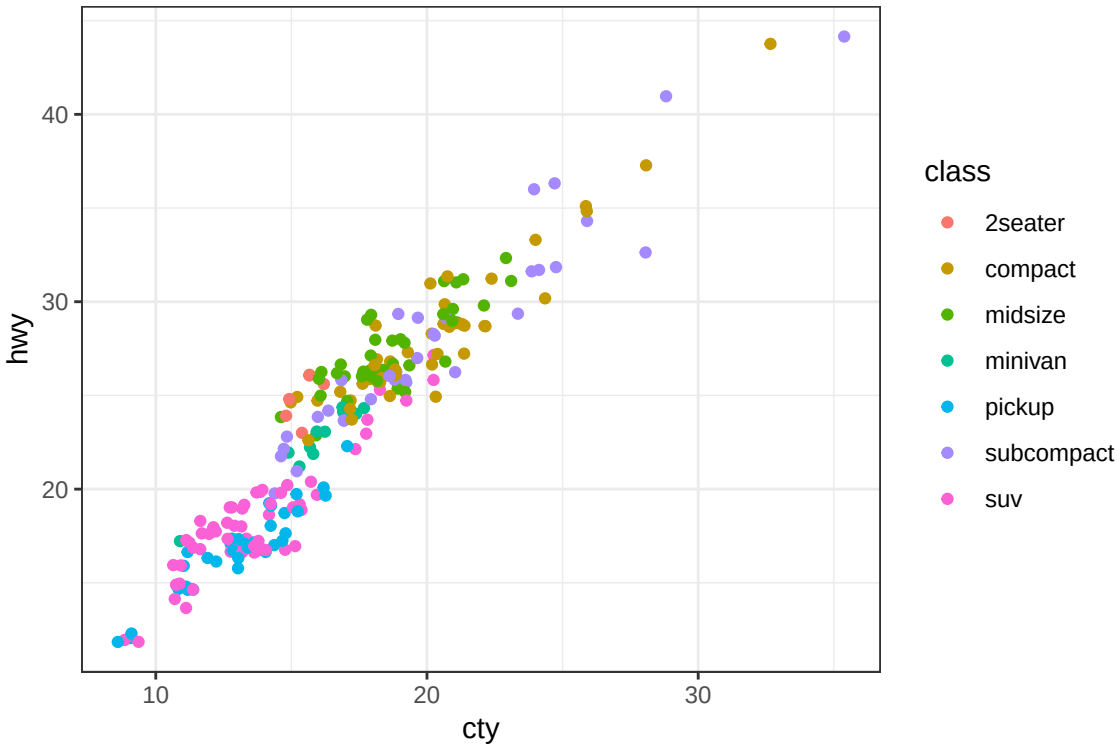
Part 1

Make this plot:



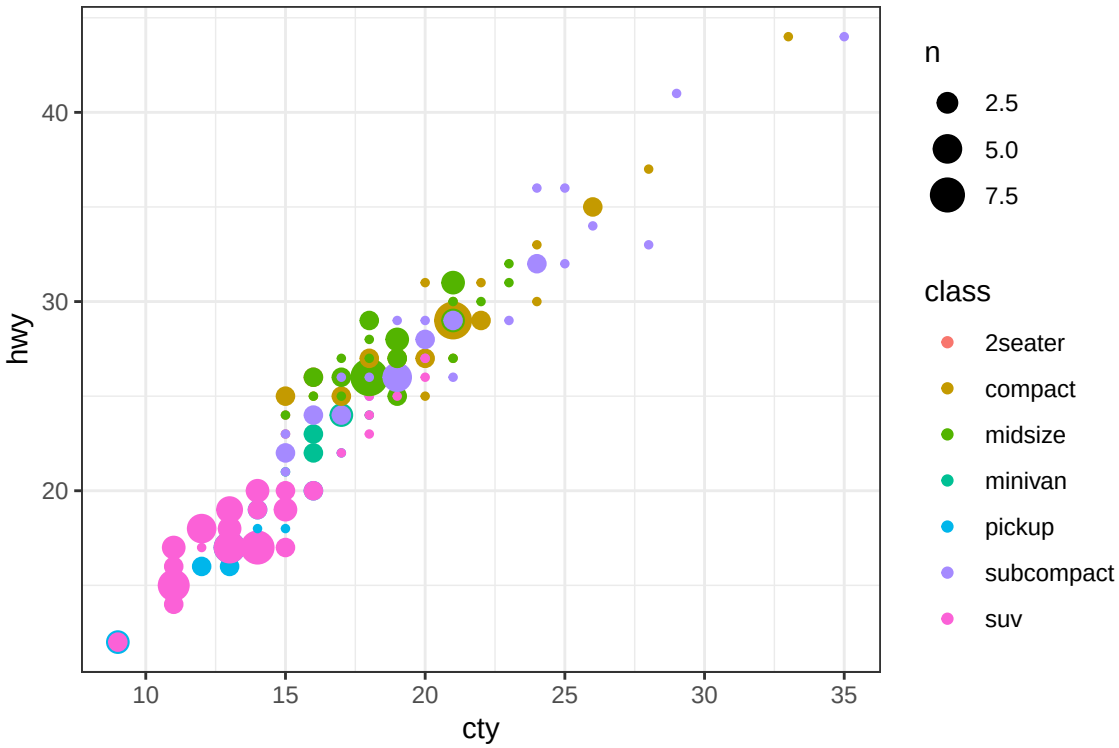
Part 2

Make this plot using `geom_jitter()`:



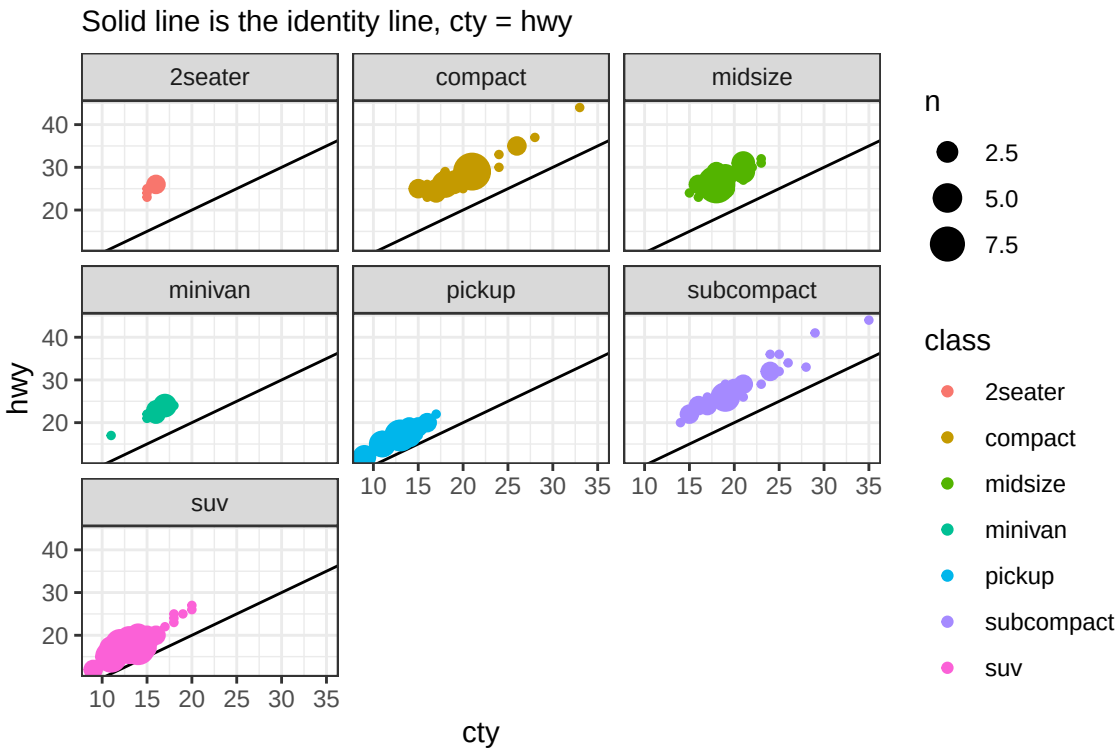
Part 3

Make this plot using `geom_count()`:



Part 4

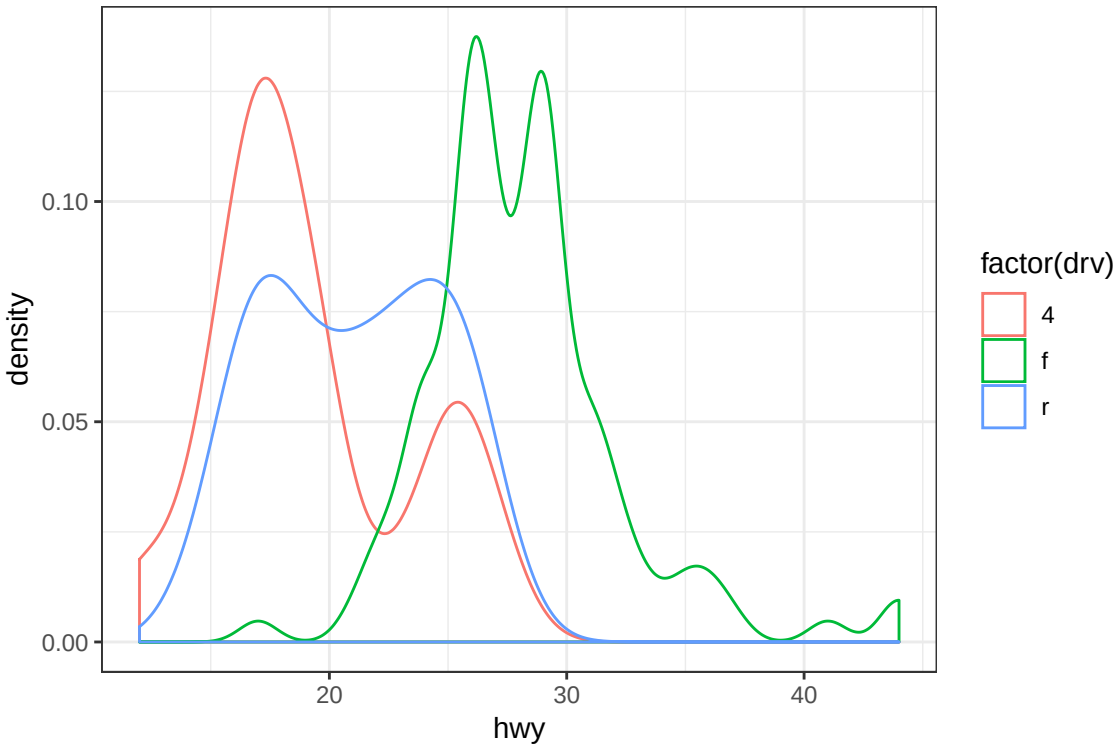
Make this plot using `geom_count()`:



Exercise 3

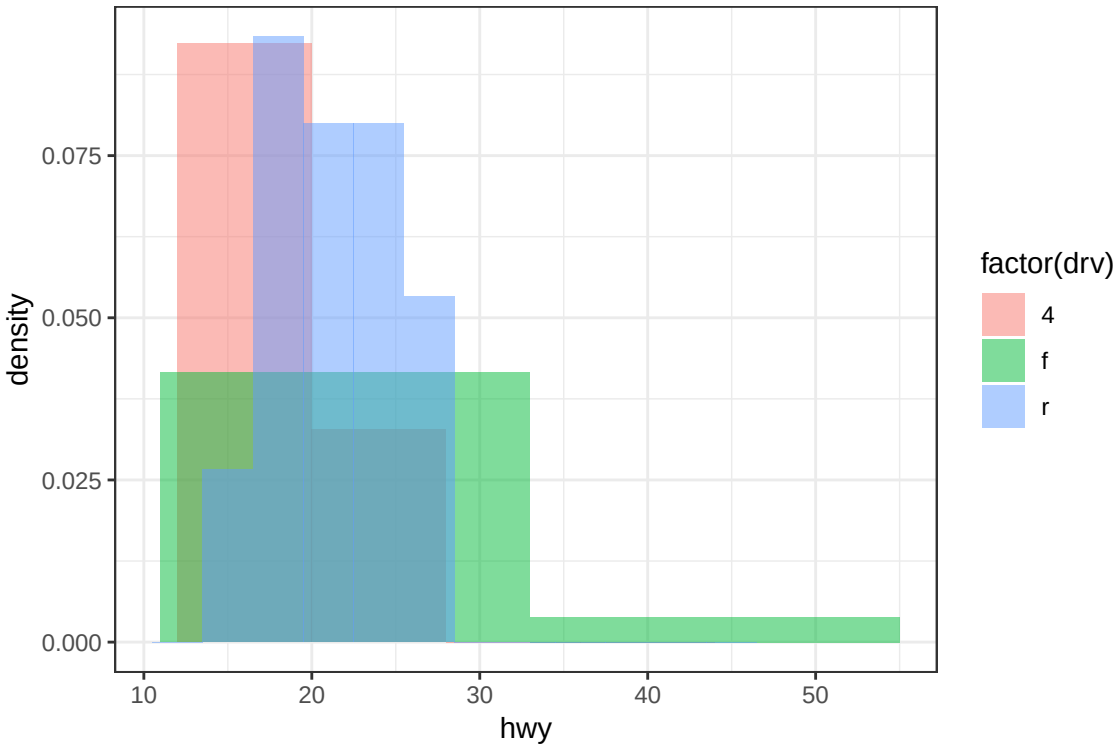
Part 1

Make this plot using `geom_density()`:



Part 2

Make this plot using `geom_histogram()`:



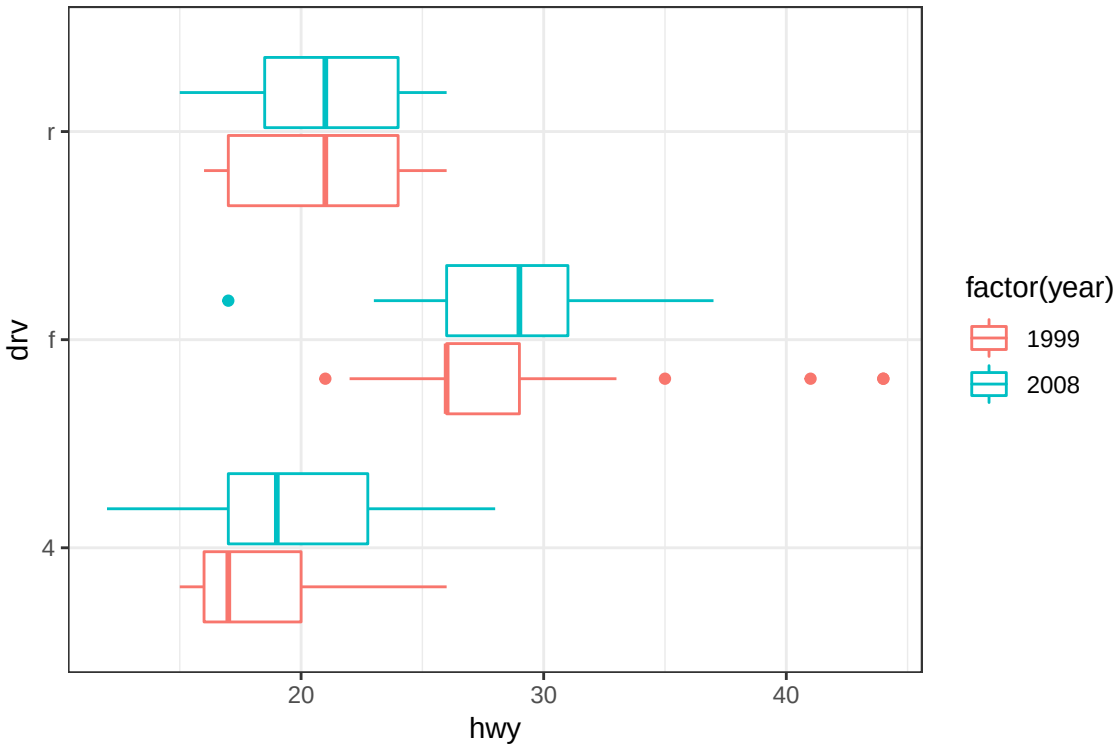
Hints:

- `y = stat(density)` / https://ggplot2.tidyverse.org/reference/geom_histogram.html
- `position = position_identity()`

Exercise 4

Part 1:

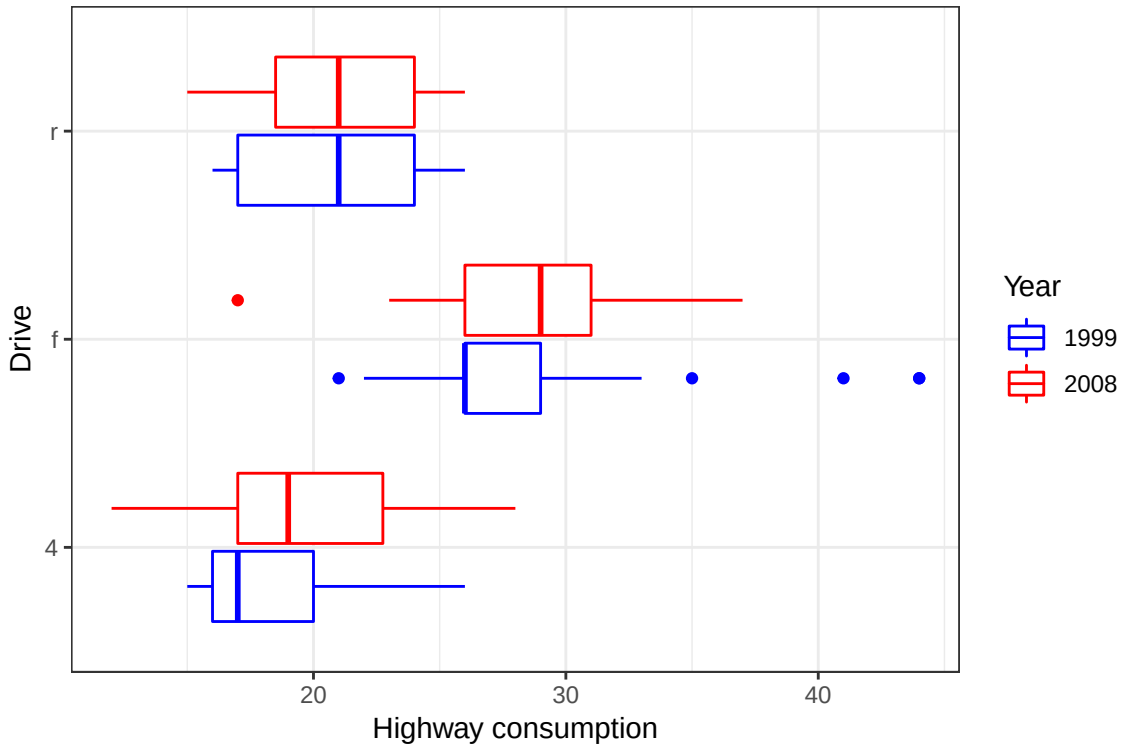
Make this plot:



Hint: `coord_flip()`.

Part 2:

Now, customise it (including the legend/guide):


Drive
r
f
4
20
30
40
Highway consumption
Year
1999
2008