Displaying regression results

A regression model

We will start with the `mpg` dataset that comes with the **ggplot2** package, and fit a linear regression model to see how city fuel efficiency depends on the year, transmission, number of cylinders, drive and class of vehicle

A lot of the work in this tutorial will use string manipulations using functions from the **stringr** package. This package does have a cheatsheet (https://github.com/rstudio/cheatsheets/raw/master/strings.pdf) that you can download.

Looking at the output

```
library(broom)
out <- tidy(fit, conf.int = TRUE)

out
```

term <chr>	estimate <dbl>	std.error <dbl>	statistic <dbl>	p
(Intercept)	20.56224257	1.1227750	18.3137694	3.9704
year2008	0.46240897	0.2712424	1.7047815	8.9646
transmanual	0.40247464	0.3106162	1.2957299	1.9642
cyl5	-2.10580025	1.0607113	-1.9852718	4.8356
cyl6	-3.41624564	0.3620780	-9.4351106	5.8015

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Start Over