

Assignment 3

Your Name

```
feols(  
  mpg ~ i(cyl) + hp, data = mtcars  
)
```

OLS estimation, Dep. Var.: mpg

Observations: 32

Standard-errors: IID

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	28.650118	1.587787	18.04406	< 2.2e-16 ***
cyl::6	-5.967655	1.639278	-3.64042	0.0010921 **
cyl::8	-8.520851	2.326075	-3.66319	0.0010286 **
hp	-0.024039	0.015408	-1.56016	0.1299540

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

RMSE: 2.94304 Adj. R2: 0.727485

```
ggplot(mtcars) +  
  geom_point(aes(x = hp, y = mpg)) +  
  theme_minimal(base_size = 14)
```

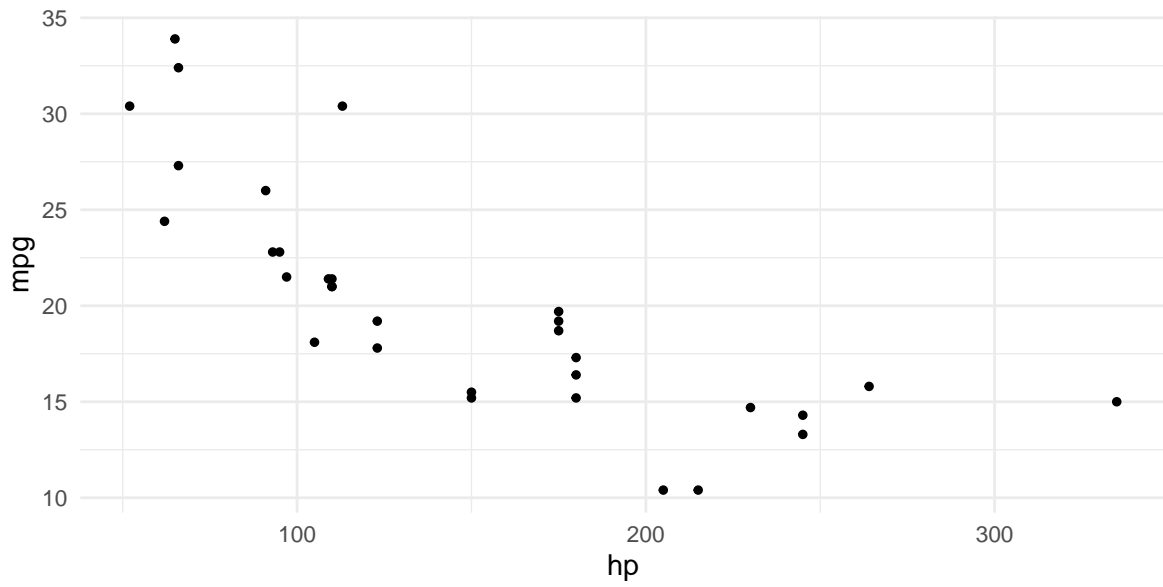


Figure 1: Comparing mpg with hp using the `mtcars` dataset