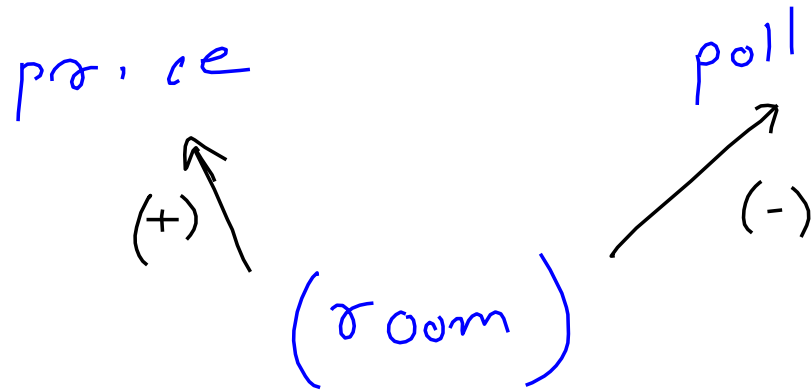


Downward bias \rightarrow lower

-1.5

-1.8



$$\text{price} = \beta_0 + \beta_1 \text{mpg} + \beta_2 \text{length} + \beta_3 \text{trunk} + \beta_4 \text{weight} + u$$

$$SSR_{ur} = 407697222$$

$$H_0 \quad \beta_2 = 0, \beta_3 = 0$$

$$H_1 \quad \text{not } H_0$$

$$\text{price} = \beta_0 + \beta_1 \text{mpg} + \beta_4 \text{weight} + u$$

$$SSR_r =$$

$$448744116$$

$$F = 3.47$$

$$\alpha = 0.05 \rightarrow \text{crit. value} = 3.13$$
$$F_{2,69} \Rightarrow \text{Rej } H_0$$