

Regression, part II

How do we figure out if our slope is significant?

What is our H_0 ? our H_1 ?

What is SS_{resid} ? SE_{b_1} ?

What is our t^* for b_1 ?

Make sure you can calculate t^* and do the usual hypothesis test, etc.

How do we calculate our residuals (this is important!)?

What does \hat{Y} represent?

Comment: Again, be careful with the different approaches used by the 2nd and 3rd editions (and by our class) as opposed to what is done in the 4th edition.