

I'm trying to root out typos & mistakes from my lecture notes. Please alert me to these types of problems as you spot them. Here's a list of those that I know about at this point:

(1) Lecture 4, page 25, "student check point":

$$\text{corr}(x_i, u_i) < \text{corr}(x_i, u_i) / \text{corr}(z_i, x_i)$$

The RHS should be written  $\text{corr}(z_i, u_i) / \text{corr}(z_i, x_i)$ . Thanks to Luca for spotting this.

(2) (Highlighted in class) Lecture 6, bottom of page 18. The expression for  $\lambda_i$  is wrong. The right expression is:

$$\lambda_i = \bar{y}_i - \bar{w}_i \beta_1$$

where  $\bar{y}_i$  is the mean of the variable  $y$  for individual  $i$ .