Guiding questions:

1. Keeping everything else the same, play around with increasing and decreasing the number of observations. What is the general trend that for the p-value when the number of observations increases?
2. Keeping everything else the same, play around with the slopes (2nd slider bar) and error amounts (3rd slider bar). Note what happens to the significance of the association as you change these terms.
3. Check the box to add “teacher” as a confounding variable.
4. Turn off color. Without color, do you feel as though you are missing important information about this graph?