All handouts for this class: https://tinyurl.com/IST772crowston

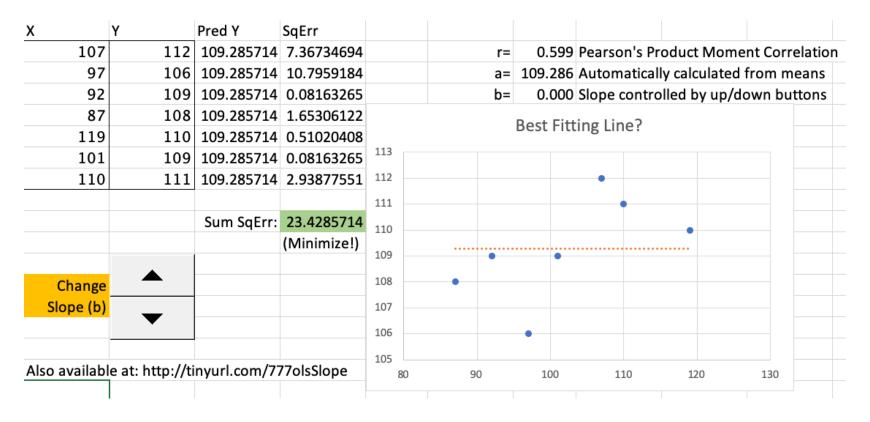
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IST772 Linear Multiple Regression (Week 8)

Pre-class activity:

- Grab a copy of Week8OLStest.xlsx from the handouts area
- Adjust the slope with the buttons to see the effects on the sum of squared errors of prediction

OLS Demonstration



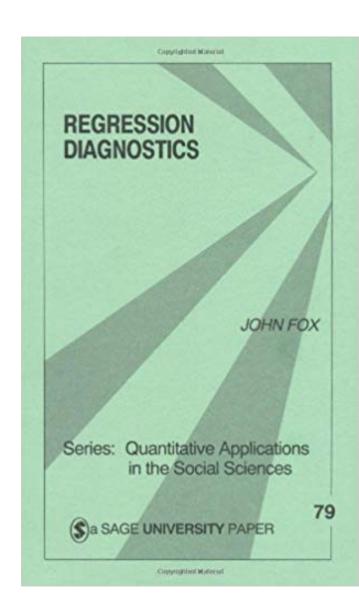
Breakout – Run Regression Models (3 phases)

- Read in the cancer Data
- Explore variables for outliers, skewness
- Run and interpret regression models
- Share your code on https://codeshare.io/aJDyRX

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Paper (Booklet) of the Week – Fox 1991

- One of a great series by Sage: The little green books
- Discusses the most important regression diagnostics, how to do them, and how to interpret them
- Free full text online for SU students: https://tinyurl.com/johnfoxbook



Homework

- The homework for week 8 is based on exercises 1-8 on pages 181-182 but with changes as noted in the notebook.
- First practice exam for the final (third one for the course) will be posted in the handouts sharing area shortly
- I will post a key for the practice exam on Friday; if you have any questions, are unsure about the key, or would like feedback on your practice exam, you can optionally submit it to the LMS