Introduction to Psychology 313

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Psychology 313 Introduction

Psychology 313
What's it About?

- Relationships

Psychology 313
What's it About?

- (Bi-variate) Relationships

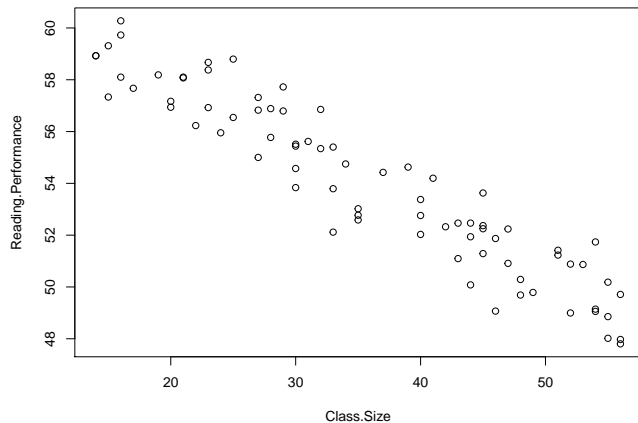 (HOW are two variables related?)

Psychology 313
What's it About?

- (Multi-variate) Relationships

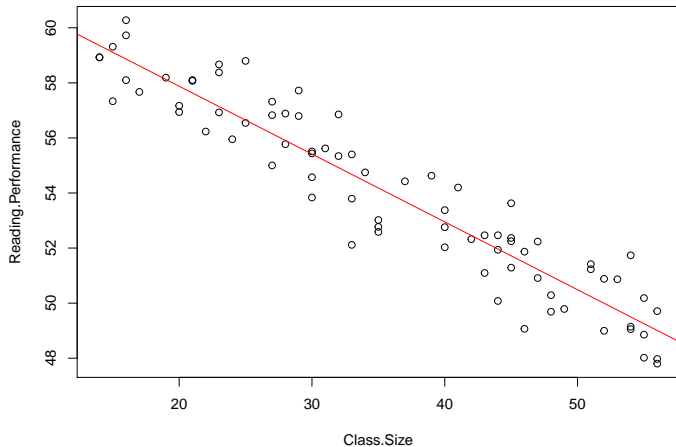 (HOW are several variables related?)

A Bivariate Relationship

Class Size vs. Reading Performance

What is the relationship?

Begin with a Model

A Straight Line Model?
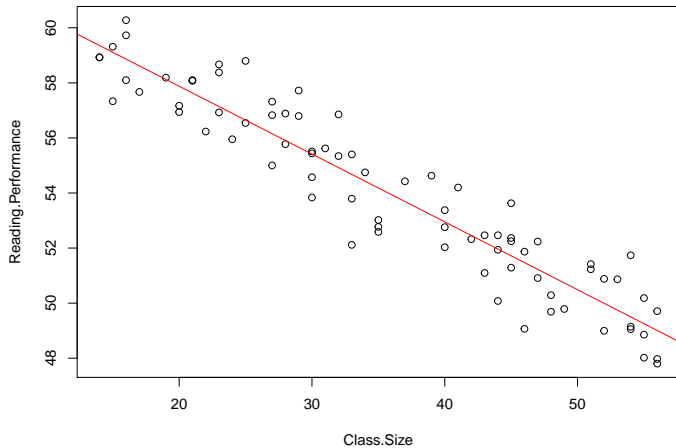
Is the model Perfect?

$$Data = Model + Error$$

What do you GAIN from a MODEL?

What might the MODEL *mean*?

What do you GAIN from the ERROR?

A Straight Line Model?

Psychology 313
What's it About?

- Establishing Causality

Psychology 313
What's it About?

Will making CLASS SIZES SMALLER...

...lead to...

BETTER READING PERFORMANCE?

The Course Website

- I have a personal website at http://www.statpower.net. All course materials are available at this website, including:
  1. The Course Information Sheet
  2. The Course Syllabus and Schedule of Activities
  3. Lecture Slides
  4. Handouts
  5. Homework Problems
- Simply click on the *Psychology 313* link on the side of the opening page.

What Will You Need?

- The most important things you will need to take the course are:
    1. The two textbooks
    2. A computer (preferably a laptop)
    3. An internet connection
    4. Software installed on your computer
- We'll give you full details on all of these in handouts and videos on the website.