Difficult Topics

Bob Stine
Statistics, University of Pennsylvania

Undergrad
MBA
Troublesome Topics

- Transformations, particularly logs
  - elasticity
  - dollars and outliers

- Standard error... not directly observable

- Topics in inference
  - Just about everything related to tests
  - Outliers, and what to do about them

- Multiple regression
  - Picking variables, interpreting slopes
Need More

- Substantive context
  - Identifying the relevant question?
  - What data answer the question?
  - Finding such data (e.g., surveys)

- Interpreting results substantively
  - Communication (grading?)
  - Explaining 95%, p-value … Proper emphasis?
  - Which variable is most important in a regression…