

Prediction

Prerequisites

Specified in individual sections

- A. [Introduction to Simple Linear Regression](#)
- B. [Linear Fit Demo](#)
- C. [Partitioning Sums of Squares](#)
- D. [Standard Error of the Estimate](#)
- E. [Prediction Line Demo](#)
- F. [Inferential Statistics for b and r](#)
- G. [Exercises](#)
- H. [PDF Files](#) (in zip format)

Statisticians are often called upon to develop methods to predict one variable from other variables. For example, one might want to predict college grade point average from high school grade point average. Or. one might want to predict income from the number of years of education.