

1.2: Simple Linear Regression

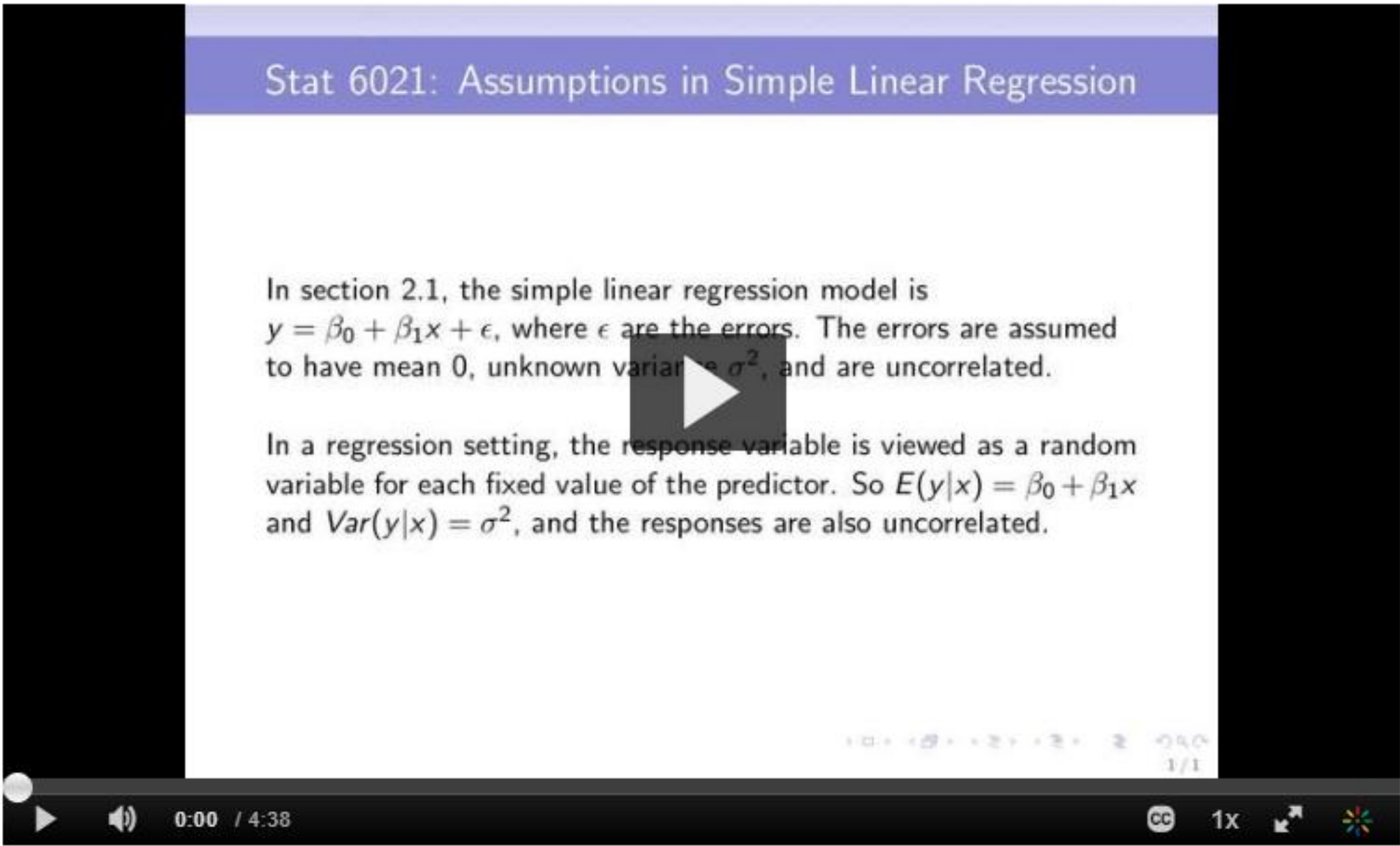
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Topic 1.2: Simple Linear Regression

Read Section 2.1 of your textbook. As you read, take notes on the following.

- 1 Write down the simple linear regression equation and the simple linear regression model.
- 2 Compare and contrast the simple linear regression equation and the simple linear regression model. What do each of these describe?
- 3 What is the interpretation associated with the slope and intercept in a simple linear regression equation?
- 4 Write down the assumptions for a simple linear regression model. You may state the assumptions using equations, and then describe what these equations mean.

Watch this video to see a pictorial representation of the regression assumptions.



 [mod1_assumptions.pdf](#)
Slides to accompany the "Assumptions in Simple Linear Regression" video