

Homework Solutions

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Review Exercise 49

- (a) This is an observational study. The explanatory variable (gender) was not manipulated!
- (b) The response variable was attitude toward mathematics.
- (c) The explanatory variable was gender.
- (d) The sampling technique was cluster sampling. (Each class was a cluster. They randomly selected clusters, not individuals.)
- (e) This is an example of *selection* bias.