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Threats to the Validity of Your Estimates - Quiz

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Question 1

1/1 point (graded)

We might be concerned with our estimate for the impact of education on test scores from the scholarship experiment, because scholarships could _____. (Select all that apply)

☒ a. Ease monetary constraints for those who would have gone to school anyways

☒ b. Give self-confidence

☐ c. Lead to more education

☐ d. None of the above



Explanation

Those who did not receive scholarships often scraped together money in order to go to school, which may have lowered their nutrition or increased their stress. Being chosen for a scholarship may have made individuals feel special or competent, which could increase their test scores.

Functions of Random Variable

- ▶ Module 5: Moments of a Random Variable, Applications to Auctions, & Intro to Regression
- ▶ Module 6: Special Distributions, the Sample Mean, the Central Limit Theorem, and Estimation
- ▶ Module 7: Assessing and Deriving Estimators - Confidence Intervals, and Hypothesis Testing
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You have used 2 of 2 attempts

✓ Correct (1/1 point)

Question 2

1.0/1.0 point (graded)

Which of the following is a legitimate way to choose the set of outcomes for which you report your results if you collected data on a lot of outcomes? (select all that apply)

- ☒ a. Pre-analysis plan
- ☐ b. Report everything
- ☒ c. Write down a model ex-post justify which variables
- ☐ d. Whatever is significant




Explanation

With a large survey with many variables, you are likely to find some significant results just by chance if you report everything or whatever is significant. By making a pre-analysis plan or an ex-post model, you can promise to focus on a few variables, which means that the chances that you'll find significant results by chance are reduced.


Models

- ▶ Module 10: Practical Issues in Running Regressions, and Omitted Variable Bias
- ▶ Module 11: Intro to Machine Learning and Data Visualization
- ▼ Module 12: Endogeneity, Instrumental Variables, and Experimental Design


Endogeneity and Instrumental Variables

Finger Exercises due Dec 14, 2016
05:00 IST 

Experimental Design

Finger Exercises due Dec 14, 2016
05:00 IST 

Module 12: Homework

Homework due Dec 12, 2016
05:00 IST 

- ▶ Exit Survey

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Discussion

Topic: Module 12 / Threats to the Validity of Your Estimates - Quiz

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