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Instrument Validity: Charter Schools in the US - Quiz

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Question 1

1/1 point (graded)

What would make the lottery outcome or being offered to attend a charter school an invalid instrument for the effect of charter schools on test scores for the pool of applicants?

- ☐ a. The pool of applicants is smarter than the general population
- ☐ b. It is a perfect instrument
- ☒ c. Winning the lottery gave the winners psychological benefits relative to the losers ✓
- ☐ d. Some who win the lottery choose not to go to the charter school

Explanation

The pool of applicants being smarter could affect generalizability but not internal validity. If the lottery gave psychological benefits to winners (for example, some people may think winning the lottery signals that they are destined to do well in school) this could increase their test scores independently, rather than through the effect of attending a charter school, which would bias the

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
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results. Some people not choosing to go to charter school would only affect the strength of the first stage regression, though that would not necessarily imply your instrument is invalid (unless a huge number of people do so, or your sample size is tiny).

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Discussion


Topic: Module 12 / Instrument Validity: Charter Schools in the US - Quiz

Show Discussion


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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