Bookmarks

- Module 1: The Basics of R and Introduction to the Course
- Entrance Survey
- Module 2: Fundamentals of Probability, Random Variables, Distributions, and Joint Distributions
- Module 3: Gathering and Collecting Data, Ethics, and Kernel Density Estimates

Gathering and Collecting Data
Finger Exercises due Oct 17, 2016 05:00 IST

Estimation of Pareto Coefficients - Quiz

Bookmark this page

Question 1

1 point possible (graded)

If the highest tax bracket starts at $200,000 and people in the highest tax bracket earn on average $1,000,000, then the implied Pareto coefficient is λ=____.

Answer: 1.25

Explanation

From s=200,000, y=1,000,000, we have b=y/s=5. Hence λ=b/(b-1)=5/4=1.25.

Submit You have used 0 of 2 attempts

Summarizing and Describing Data
Finger Exercises due Oct 17, 2016 05:00 IST

Module 3: Homework
Homework due Oct 10, 2016 05:00 IST

- Module 4: Joint, Marginal, and Conditional Distributions & 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

Discussion

Topic: Module 3 / Estimation of Pareto Coefficients - Quiz

Show Discussion

- Module 7: Assessing and Deriving Estimators - Confidence Intervals, and Hypothesis Testing
- Module 8: Causality, Analyzing Randomized Experiments, & Nonparametric Regression
- Module 9: Single and Multivariate Linear 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

- Exit Survey
- Final Exam

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