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

Pareto Distribution - Quiz

Bookmark this page

Question 1

1 point possible (graded)

Consider the formula for the top q^{th} percentile's share with a Pareto distribution and assume that $\lambda = 1.5$. Then the top 1% income share equals ___ percent.

Enter only the value, do not add a % sign. Round your answer to the nearest full percentage (e.g. if your answer is 45.6 round to 46 and if your answer is 72.3 round to 72).

Answer: 22

Explanation

22. This solution comes straight from the formula given in class and provided in the lecture notes: $(1/100)^{1/3} = 0.21544$

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 / Pareto Distribution - 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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