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Recorded Lectures Summary

Choose

A1-E0-1: Introduction: What are Statistics

A1:E0-2: Introduction: Importance of Statistics

A1-E0-3: Descriptive Statistics

A1-E1-1 Section 1.2 Data basics

A1-E1-2: Section 1.3 Overview of data collection principles

A1-E1-3: Section 1.4 Observational studies and sampling strategies

A1-E1-4: Section 1.5 Experiments

A1-E2-1: Distributions

A1-E2-2: Graphing Qualitative Variables

A1-E2-3: Box Plots

A1-E2-4: Comparing Box Plots

A1-E2-5: Bar Charts

A1-E2-6: How to Construct a Frequency Distribution Table - Video (A MUST WATCH)

A1-E2-7: Examining Numerical Data

[redacted]

Your answer

[redacted]

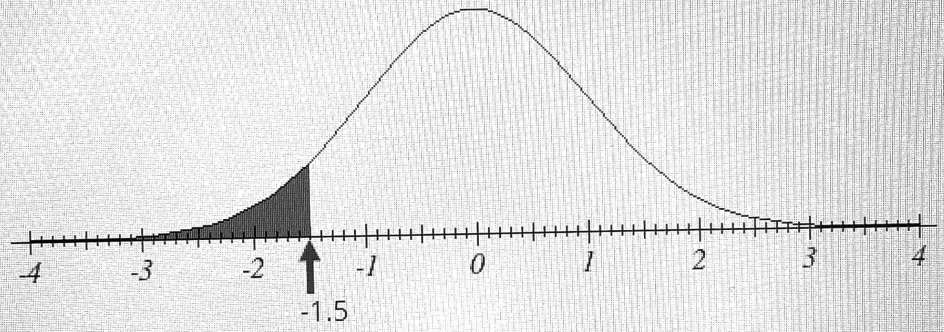
HW E7: Normal Distribution

Score: 18/20 9/10 answered

Question 10

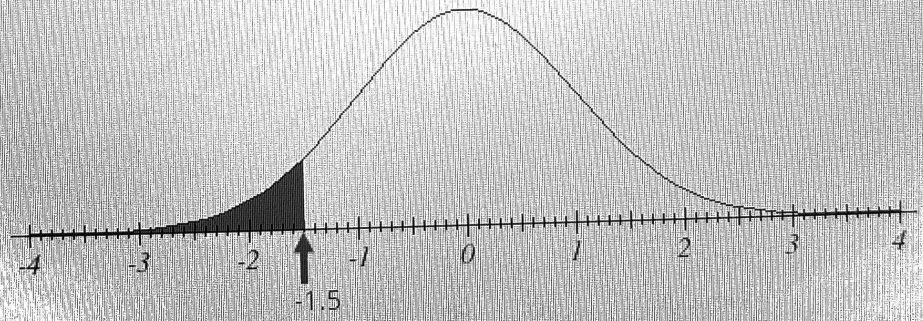
Sketch the region corresponding to the statement $P(z > -0.9)$

Shade: Left of a value. Click and drag the arrows to adjust the values.



Sketch the region corresponding to the statement $P(-c < z < c) = 0.6$.

Shade: Left of a value. Click and drag the arrows to adjust the values.



Type here to search

Quiz 3 on Estimation

Score: 5/7 7/7 answered

× Question 2 ‹ ›

Score on last try: **0 of 1 pts.** See Details for more.

› Next question You can retry this question below

Giving a test to a group of students, the grades and gender are summarized below

	A	B	C	Total
Male	12	7	9	28
Female	16	19	11	46
Total	28	26	20	74

Let π represent the percentage of all male students who would receive a grade of A on this test. Use a 98% confidence interval to estimate p to three decimal places.

Enter your answer as a tri-linear inequality using decimals (not percents).

0.295 × < p < 0.562 ×

Question Help: Message instructor

Submit Question

Quiz 3 on Estimation

Score: 5/7 7/7 answered

✕ Question 7

Score on last try: **0 of 1 pts.** See Details for more.

You can retry this question below

Karen wants to advertise how many chocolate chips are in each Big Chip cookie at her bakery. She randomly selects a sample of 52 cookies and finds that the number of chocolate chips per cookie in the sample has a mean of 16.8 and a standard deviation of 2.6. What is the 80% confidence interval for the number of chocolate chips per cookie for Big Chip cookies? Enter your answers accurate to one decimal place (because the sample statistics are reported accurate to one decimal place).

13.5 ✕ $< \mu <$ 20.1 ✕

Question Help: Message instructor

Submit Question

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