

4.3 Scope of Inference

Michael Brodskiy

Instructor: Mr. Thompson

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1 of 15 Questions

Assignment Score: 99%

Resources

Give Up?

Solution

Next Question

1 Question of 15 Attempts 100% Correct

2 Question of 15 Attempts 100% Correct

3 Question of 15 Attempts 100% Correct

4 Question of 15 Attempts 100% Correct

5 Question of 15 Attempts 100% Correct

6 Question of 15 Attempts 95% Correct

7 Question of 15 Attempts 100% Correct

8 Question of 15 Attempts 100% Correct

Question 1 of 15

What proportion of students at your school use Twitter? To find out, you survey a simple random sample of students from the school roster.

Will your sample result be exactly the same as the true population proportion? Why or why not?

☒ Different random samples will include different students and produce different estimates so there is no guarantee that your sample result will equal the population proportion.

☐ No, the sample result will be less than the population proportion.

☐ Yes, if the sample size is large enough.

☐ Yes, if a random sample is selected the sample result will be exactly the same as the true population proportion.

☐ No, the sample result will be greater than the population proportion.

Solved

My Attempt