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Hypothesis Testing

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Practice Problem

Q. In the step "stating a decision rule" in testing a hypothesis, which of the following elements must be specified?

A. Critical value
B. Power of a test
C. Value of a test statistic

Solution

B is correct. The critical value in a decision rule is the rejection point for the test. It is the point with which the test statistic is compared to determine whether to reject the null hypothesis, which is part of the fourth step in hypothesis testing.

Incorrect

Correct Answer	Your Answer
A	X
B	
C	

Confidence Level:
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Hypothesis Testing

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Practice Problem

Q. Which of the following statements is correct with respect to the null hypothesis?

A. It can be stated as "not equal to" provided the alternative hypothesis is stated as "equal to."
B. Along with the alternative hypothesis, it considers all possible values of the population parameter.
C. In a two-tailed test, it is rejected when evidence supports equality between the hypothesized value and the population parameter.

Solution

A is correct. The null hypothesis and the alternative hypothesis are complements of one another and together are exhaustive; that is, the null and alternative hypotheses combined consider all the possible values of the population parameter.

Incorrect

Correct Answer	Your Answer
A	
B	X
C	

Confidence Level:
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