

9.12: Introduction- Hypothesis Test for Difference in Two Population Proportions

What you'll learn to do: Construct and interpret an appropriate hypothesis test to compare two population/treatment group proportions.

LEARNING OBJECTIVES

- Under appropriate conditions, conduct a hypothesis test for comparing two population proportions or two treatments. State a conclusion in context.
- Interpret the P-value as a conditional probability.
- Identify type I and type II errors and select an appropriate significance level based on an analysis of the consequences of each type of error.

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