

9.2: Introduction- Distribution of Differences in Sample Proportions

What you'll learn to do: Recognize when to use a two population proportion hypothesis test to compare two populations/treatment groups.

LEARNING OBJECTIVES

- Recognize when to use a hypothesis test or a confidence interval to compare two population proportions or to investigate a treatment effect for a categorical variable.
- Determine if a study involving two proportions is an experiment or an observational study.
- Describe the sampling distribution of the difference between two proportions.
- Draw conclusions about a difference in population proportions from a simulation.

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