

## CHAPTER OVERVIEW

### 10: Hypothesis Testing about Two Population Means and Proportions

#### 10.1: Inference for Categorical Data

##### 10.1.1: Inference for a Single Proportion

##### 10.1.2: Difference of Two Proportions

##### 10.1.3: Testing for Goodness of Fit using Chi-Square (Special Topic)

##### 10.1.4: Testing for Independence in Two-Way Tables (Special Topic)

##### 10.1.5: Small Sample Hypothesis Testing for a Proportion (Special Topic)

##### 10.1.6: Randomization Test (Special Topic)

##### 10.1.7: Exercises

#### 10.2: Hypothesis Testing with Two Samples

##### 10.2.1: Two Population Means with Unknown Standard Deviations

##### 10.2.2: Two Population Means with Known Standard Deviations

##### 10.2.3: Comparing Two Independent Population Proportions

##### 10.2.4: Matched or Paired Samples

#### 10.3: PowerPoints

---

10: Hypothesis Testing about Two Population Means and Proportions is shared under a [not declared](#) license and was authored, remixed, and/or curated by LibreTexts.