

## CHAPTER OVERVIEW

### 8: Finding Confidence Interval for Population Mean and Proportion

#### 8.1: Inference for Numerical Data

##### 8.1.1: One-Sample Means with the t Distribution

##### 8.1.2: Paired Data

##### 8.1.3: Difference of Two Means

##### 8.1.4: Power Calculations for a Difference of Means (Special Topic)

##### 8.1.5: Comparing many Means with ANOVA (Special Topic)

##### 8.1.6: Exercises

#### 8.2: Inference for Categorical Data

##### 8.2.1: Inference for a Single Proportion

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

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

##### 8.2.7: Exercises

#### 8.3: Confidence Intervals

##### 8.3.1: Prelude to Confidence Intervals

##### 8.3.2: A Single Population Mean using the Normal Distribution

##### 8.3.2E: A Single Population Mean using the Normal Distribution (Exercises)

##### 8.3.3: A Single Population Mean using the Student t-Distribution

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