

## CHAPTER OVERVIEW

### 12: F Distribution and One-Way ANOVA

For hypothesis tests comparing averages between more than two groups, statisticians have developed a method called "Analysis of Variance" (abbreviated ANOVA). In this chapter, you will study the simplest form of ANOVA called single factor or one-way ANOVA. You will also study the  $F$  distribution, used for one-way ANOVA, and the test of two variances. This is just a very brief overview of one-way ANOVA. You will study this topic in much greater detail in future statistics courses. One-Way ANOVA, as it is presented here, relies heavily on a calculator or computer

- [12.1: Introduction](#)
- [12.2: Test of Two Variances](#)
- [12.3: One-Way ANOVA](#)
- [12.4: The F Distribution and the F-Ratio](#)
- [12.5: Facts About the F Distribution](#)
- [12.6: Key Terms](#)
- [12.7: Chapter Review](#)
- [12.8: Formula Review](#)
- [12.9: Practice](#)
- [12.10: Homework](#)
- [12.11: References](#)
- [12.12: Solutions](#)

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