

CHAPTER OVERVIEW

13: Factorial ANOVA (Two-Way)

13.1: Introduction to Factorial Designs

13.1.1: Factorial Notations and Square Tables

13.2: Introduction to Main Effects and Interactions

13.2.1: Example with Main Effects and Interactions

13.2.2: Graphing Main Effects and Interactions

13.2.3: Interpreting Main Effects and Interactions in Graphs

13.2.4: Interpreting Interactions- Do Main Effects Matter?

13.2.5: Interpreting Beyond 2x2 in Graphs

13.3: Two-Way ANOVA Summary Table

13.3.1: Calculating Sum of Squares for the Factorial ANOVA Summary Table

13.4: When Should You Conduct Post-Hoc Pairwise Comparisons?

13.5: Practice with a 2x2 Factorial Design- Attention

13.5.1: Practice 2x3 Factorial ANOVA on Mindset

13.6: Choosing the Correct Analysis- Mean Comparison Edition

This page titled [13: Factorial ANOVA \(Two-Way\)](#) is shared under a [CC BY-SA 4.0](#) license and was authored, remixed, and/or curated by [Michelle Oja](#).