|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Day | Discussion Due by 4:30pm | Lecture Topic | Unit | Assignment Due by 11:59pm |
| Aug 31 | Mon |  | Syllabus, Textbook, APA Style, & Journal Articles | 0 | Preparatory Topics |
| Sep 2 | Wed |  | R Basics, Data Manipulation |
| Sep 7 | Mon |  | Labor Day (No Class) | 1 | Exploratory Analysis |
| Sep 9 | Wed | Ch 2 | Exploration of Data with Plots |
| Sep 14 | Mon | Ch 3 | Summarizing Data with Descriptive Statistics |
| Sep 16 | Wed | Ch 4 | Standardized Scores & The Normal Distribution |
| Sep 21 | Mon |  | Exam 1 |
| Sep 23 | Wed | Ch 5 | Intro to Hypothesis Testing: 1 Sample z-test | 2 | Groundwork for Inference |
| Sep 28 | Mon | Ch 6 | Confidence Interval Estimation: The t Distribution |
| Sep 30 | Wed | Ch 7 | Independent Samples t-Test for Means |
| Oct 5 | Mon | Ch 8 | Statistical Power & Effect Size |
| Oct 7 | Wed |  | Exam 2 |
| Oct 12 | Mon | Ch 9 | Correlation | 3 | Hypothesis Tests for 2 Measures per Subject |
| Oct 14 | Wed | Ch 10 | Linear Regression |
| Oct 19 | Mon | Ch 11 | Matched t-test |
| Oct 21 | Wed |  | Exam 3 |
| Oct 26 | Mon | Ch 12 | 1-way Independent Groups ANOVA | 4 | ANOVA |
| Oct 28 | Wed | Ch 13 | Multiple Comparisons |
| Nov 2 | Mon | Ch 14 | 2-way ANOVA |
| Nov 4 | Wed |  | Exam 4 |
| Nov 9 | Mon | Ch 15 | Repeated Measures ANOVA | 5 | RM and Mixed ANOVA |
| Nov 11 | Wed |  | Repeated Measures ANOVA (continued) |
| Nov 16 | Mon | Ch 16 | 2-way Mixed Design ANOVA |
| Nov 18 | Wed |  | Exam 5 |
| Nov 23 | Mon |  | THANKSGIVING BREAK |  | |
| Nov 25 | Wed |
| Nov 30 | Mon | Ch 19 | The Binomial Distribution | 6 | Categorical Outcomes |
| Dec 2 | Wed | Ch 20 | Chi-Squared Tests |
| Dec 7 | Mon |  | Catch Up |
| Dec 9 | Wed |  | Review |
| Dec 14 | Mon |  | Exam 6 |