|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Readings, Videos, and Such** | **Lecture Topic** | **Week** | **Due by 11:59pm** |
| Jan 8 |  | Structure of the Class: Syllabus, Textbook, Proctorio | 1 |  |
| Jan 15 | Broman et al. (2017) – only sections 2-4,6-8  Pre-recorded lecture | Working with and Analyzing Data, Intro to Statistics Terminology, Introduction to Jamovi & Google Sheets | 2 |  |
| Jan 22 | Ch 2, 3  Pre-recorded lecture | Statistics terminology & Descriptive Statistics, Visualizations in Jamovi | 3 |  |
| Jan 29 | Ch 4, 5, 6  Pre-recorded lecture | Hypothesis Tests & Estimates (no in-person class) | 4 |  |
| Feb 5 | Ch 7, 9, 10  Pre-recorded lecture | T-tests (student’s, Mann-Whitney, Wilcoxon), Review of hypothesis tests | 5 | Exam 1 Due by Friday  &  Research Portfolio |
| Feb 12 | Ch 11, 12  Pre-recorded lecture | One-Way ANOVA & Two-Way ANOVA | 6 |  |
| Feb 19 | Ch 11, 12  Pre-recorded lecture | RM ANOVA & Mixed ANOVA | 7 |  |
| Feb 26 | Ch 11, 12 | More Time with ANOVA | 8 | Exam 2 Due by Friday  &  Research Portfolio |
| Mar 5 | Spring Break! (Do Not Come to Class) | | | |
| Mar 12 | Ch 13  Pre-recorded lecture | Linear Regression (hypothesis testing, prediction, assumptions) | 10 |  |
| Mar 19 | Regression.pdf  Pre-recorded lecture | Multiple Regression (interpretation, examples) | 11 |  |
| Mar 26 | DAGs.pdf  Pre-recorded lecture | Multiple Regression (moderation, mediation) & DAGs | 12 | Exam 3 Due by Friday  &  Research Portfolio |
| April 1 | Ch 14  Pre-recorded lecture | Categorical Data Analysis (Chi-square, logistic, log-linear, odds ratios) | 13 |  |
| April 8 | Ch 14 | Categorical Data Analysis continued (logistic regression, odds ratios) | 14 |  |
| April 15 |  | Catch up day | 15 |  |
| April 22 |  | Review | 16 |  |
| April 29 |  | No Class! |  | Exam 4 Due by Friday  &  Research Portfolio |