Schedule

NRES 710

Fall 2020

## Schedule

Note: this schedule is subject to change. Please check for updates frequently!

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| --- | --- | --- | --- |
| Week | Mon. meeting | Wed. meeting (R mini-lab) | Assignment |
| Aug. 24 | Introduction, Data and probability | Probability | Install R! |
| Aug. 31 | Hypothesis testing, Central Limit Theorem | CLT | Probability exercises |
| Sept. 7 | No Class (labor day) | Z-test, t-test |  |
| Sept. 14 | Analyses: linear regression | LM | HW: t-tests and regression |
| Sept. 21 | Analyses: analysis of variance | ANOVA |  |
| Sept. 28 | Repeated measures analysis of variance | ANOVA |  |
| Oct. 5 | Posthoc tests | posthoc | HW: ANOVAs+ |
| Oct. 12 | Study session | Midterm Exam |  |
| Oct. 19 | Data problems | data checking |  |
| Oct. 26 | Data solutions: Transformations | data wrangling |  |
| Nov. 2 | Nonparametric tests 1 | rank tests | HW: exploring nonparametric tests |
| Nov. 9 | Nonparametric tests 2 | other nonparametrics |  |
| Nov. 16 | Ordination | ordination | First draft of projects due |
| Nov. 23 | Post-ordination statistics | post-ordination | Reviews due |
| Nov. 30 | Intro to likelihood, Bayesian theory | Bayes rule |  |
| Dec. 7 | Where to go now? | NA |  |
| Dec. 16 | Final projects due 5pm | NA |  |