Schedule

NRES 710 – Fall 2024

Last compiled: 2024-09-04

## Schedule

Note: this schedule is subject to change. Please check for updates frequently. Also, if a due date listed here differs from that on WebCampus, please use the date listed on WebCampus! Thank you.

| Week | Dates | Tuesday | Thursday | Assignments |
| --- | --- | --- | --- | --- |
| 1 | Aug. 27, 29 | [Syllabus and the Purpose of Statistics](lecture_1.html) | [Paper Discussion and Intro to R](lecture_2.html) | [Johnson (1999)](papers/Johnson1999.pdf), [Dushoff et al. (2019)](papers/Dushoff_etal_2019.pdf) - read before Aug. 29 |
| 2 | Sep. 3, 5 | [Basic Concepts](lecture_3.html) | [Exercise 1: Functions and Summary Stats](exercise_1.html) | Quiz 1 - due Sep. 4 |
| 3 | Sep. 10, 12 | [Linear Regression](lecture_4.html) | [Linear Regression - results](lecture_5.html) | Exercise 1 - due Sep. 11 |
| 4 | Sep. 17, 19 | [Exercise 2: Linear Regression, pt. 1](exercise_2.html) | [Linear Regression - assumptions](lecture_6.html) | Quiz 2 - due Sep. 18 |
| 5 | Sep. 24, 26 | [Linear Regression - predictions](lecture_7.html) | [Exercise 3: Linear Regression, pt. 2](exercise_3.html) | Exercise 2 and Quiz 3 - due Sep. 25 |
| 6 | Oct. 1, Oct. 3 | [Analysis of Categorical Data](lecture_8.html) | [Analysis of Categorical Data - cont.](lecture_9.html) | Exercise 3 - due Oct. 2 |
| 7 | Oct. 8, 10 | [Analysis of Categorical Data - posthoc tests](lecture_10.html) | [Exercise 4: Analysis of Categorical Data](exercise_4.html) | [Ruxton & Beauchamp (2008)](papers/ruxton_beauchamp_2008.pdf) - read before Oct. 8, Quiz 4 - due Oct. 9 |
| 8 | Oct. 15, 17 | [Analysis of Continuous or Categorical X?](lecture_11.html) | [Multi-variable Modeling](lecture_12.html) | [Cottingham et al. (2005)](papers/cottingham_etal_2005.pdf) - read before Oct. 15, Exercise 4 - due Oct. 16 |
| 9 | Oct. 22, 24 | *No class* | *No class* | Brian at conference |
| 10 | Oct. 29, 31 | [Multi-variable Modeling - Collinearity](lecture_13.html) | [Exercise 5: Collinearity](exercise_5.html) | Quiz 5 - due Oct. 30 |
| 11 | Nov. 5, 7 | [Multi-variable Modeling - Interactions](lecture_14.html) | [Exercise 6: Interactions](exercise_6.html) | Exercise 5 - due Nov. 6 |
| 12 | Nov. 12, 14 | TBD | [Exercise 7: TBD](exercise_7.html) | Exercise 6 - due Nov. 13 |
| 13 | Nov. 19, 21 | TBD | *No class (Thanksgiving)* | Exercise 7 - due Nov. 20 |
| 14 | Nov. 26, 28 | TBD | [Exercise 8: TBD](exercise_8.html) | TBD |
| 15 | Dec. 3, 5 | [Discussion: code and data sharing](Git_tutorial.html) | Artificial Intelligence | Exercise 8 - due Dec. 4 |
| Finals | Dec. 10, 12 | *No class* | *No class* | Good luck on your exams! |