

Schedule

NRES 710 – Fall 2024

Last compiled: 2024-07-29

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 (R mini-lab)	Assignments
1	Aug. 27, 29	Syllabus and the Purpose of Statistics	Paper Discussion and Intro to R	Johnson (1999), Dushoff et al. (2019)
2	Sep. 3, 5	Basic concepts	Exercise 1: Functions and Summary Stats	Quiz 1 due 9/5
3	Sep. 10, 12	Linear Regression	Linear Regression	Exercise 1 due 9/12
4	Sep. 17, 19	Linear Regression	Exercise 2: Linear Regression	Quiz 2 due 9/19
5	Sep. 24, 26	TBD	TBD	Exercise 2 due 9/26
6	Sep. 31, Oct. 2	TBD	TBD	
7	Oct. 8, 10	TBD	TBD	TBD
8	Oct. 15, 17	TBD	TBD	TBD
9	Oct. 22, 24	<i>No class (Brian at conference)</i>	<i>No class (Brian at conference)</i>	
10	Oct. 29, 31	Linear regression	Exercise 4: Multiple linear regression	Exercise 4 due 11/1
11	Nov. 5, 7	ANOVA	ANOVA	
12	Nov. 13, 15	GLM	GLM	
13	Nov. 19, 21	GLMM	OPTIONAL: review roadrunner assignment (multiple linear regression)	
14	Nov. 26, 28	GLMM	<i>No class (Thanksgiving)</i>	Peer reviews due 11/27
15	Dec. 3, 5	Machine Learning	Discussion: code and data sharing	
Finals	Dec. 10, 12	Next steps- multivariate, Bayesian, etc.	<i>No class</i>	
Other	TBD	P-values, statistical tests		

Week Dates	Tuesday	Thursday (R mini-lab)	Assignments
Other TBD	Central limit theorem (CLT) and sampling distributions	Central limit theorem (CLT) and sampling distributions	Exercise 1 due 9/13
Other TBD	Taxonomy of statistics	t-tests and z tests	
Other TBD	t-tests and z-tests	Exercise 2: t-tests	
Other TBD	Chi-squared tests	TBD	