

Schedule

NRES 710

Fall 2024

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	Tuesday	Thursday (R mini-lab)	Assignments
Week 1: Aug. 26	Overview: R and statistics	P-values, statistical tests	
Week 2: Sep. 2	Exercise 1: functions and summary stats	TBD	
Week 3: Sep. 9	Central limit theorem (CLT) and sampling distributions	Central limit theorem (CLT) and sampling distributions	Exercise 1 due 9/13
Week 4: Sep. 16	Taxonomy of statistics	t-tests and z tests	Project proposals due 9/20
Week 5: Sep. 23	t-tests and z-tests	Exercise 2: t-tests	Exercise 2 due 10/2
Week 6: Sep. 30	Chi-squared tests	TBD	
Week 7: Oct. 7	Linear regression	Exercise 3: linear regression	Exercise 3 due 10/16
Week 8: Oct. 14	Linear regression	Discussion: p-values	p-value readings (see WebCampus)
Week 9: Oct. 21	<i>No class (Brian at conference)</i>	<i>No class (Brian at conference)</i>	
Week 10: Oct. 28	Linear regression	Exercise 4: Multiple linear regression	Exercise 4 due 11/1
Week 11: Nov. 4	ANOVA	ANOVA	
Week 12: Nov. 11	GLM	GLM	Draft project ms due 11/15
Week 13: Nov. 18	GLMM	OPTIONAL: review roadrunner assignment (multiple linear regression)	
Week 14: Nov. 25	GLMM	<i>No class (Thanksgiving)</i>	Peer reviews due 11/27
Week 15: Dec. 2	Machine Learning	Discussion: code and data sharing	
Finals Week: Dec. 9	Next steps- multivariate, Bayesian, etc.	<i>No class</i>	Final projects due 12/13