Schedule

NRES 710

Fall 2022

Schedule

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

Also, if the due dates listed here differ from WebCampus, use the date listed on WebCampus!

Week	Mon. meeting	Wed. meeting (R mini-lab)	Assignments
Aug. 29 (week 1)	Overview: R and statistics	P-values, statistical tests	
Sept. 5 (week 2)	*No Class (labor day)*	Exercise 1: functions and summary stats	
Sept. 12 (week 3)	Central limit theorem (CLT) and sampling distributions	Central limit theorem (CLT) and sampling distributions	Exercise 1 due 9/16
Sept. 19 (week 4)	Taxonomy of statistics	t-tests and z tests	Project proposals due 9/23
Sept. 26 (week 5)	t-tests and z-tests	Exercise 2: t-tests	Exercise 2 due 10/5
Oct. 3 (week 6)	Chi-squared tests	*No class (Kevin at conference)*	
Oct. 10 (week 7)	Linear regression	Exercise 3: linear regression	Exercise 3 due 10/19
Oct. 17 (week 8)	Linear regression	Discussion: p-values	p-value readings (see WebCampus)
Oct. 24 (week 9)	Linear regression	Exercise 4: Multiple linear regression	Exercise 4 due 11/4
Oct. 31 (week 10)	ANOVA	ANOVA	
Nov. 7 (week 11)	*No class (Kevin at conference)*	*No class (Kevin at conference)*	
Nov. 14 (week 12)	GLM	GLM	Draft project ms due 11/18
Nov. 21 (week 13)	GLMM	OPTIONAL: review roadrunner assignment (multiple linear regression)	
Nov. 28 (week 14)	GLMM	*No class (Kevin at conference)*	Peer reviews due 11/30
Dec. 5 (week 15)	Machine Learning	Discussion: code and data sharing	
Dec. 12 (week 16)	Next steps- multivariate, Bayesian, etc.	*no class*	Final projects due Dec 16