Schedule

NRES 710

Fall 2020

Schedule

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

Week	Mon. meeting	Wed. meeting (R mini-lab)
Aug. 24 (week 1)	Intro, Overview, Data types	Discussion: hot hand reading; face mask reading
Aug. 31 (week 2)	P-values, sampling	Discussion: p-value readings
Sept. 7 (week 3)	No Class (labor day)	Discussion: p-hacking readings
Sept. 14 (week 4)	Replication, sampling distributions	Discussion: pseudoreplication
Sept. 21 (week 5)	Central limit theorem, data simulation	Discussion: final projects
Sept. 28 (week 6)	Data independence, t distribution	Discussion: code and data sharing
Oct. 5 (week 7)	Confidence intervals, probability in R	R exercise: probability distributions
Oct. 12 (week 8)	T-tests, z-tests	R exercise: t-test, z-test
Oct. 19 (week 9)	Overview of classical statistical tests	Midterm prep
Oct. 26 (week 10)	Exam review session	Midterm exam
Nov. 2 (week 11)	Exam recap, power analysis	R exercise: power analysis
Nov. 9 (week 12)	Chi-squared test	No class (Veteran's Day)
Nov. 16 (week 13)	Linear regression	Linear regression lecture (continued)
Nov. 23 (week 14)	ANOVA	ANOVA lecture (condinued)
Nov. 30 (week 15)	Mixed effects models	GLMM lecture (continued)
Dec. 7 (week 16)	Next steps- multivariate, bayesian, etc.	No class
Dec. 16 (week 17)	Final projects due 5pm	Review session (optional)