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](INTRO.html) | [P-values, statistical tests](LECTURE1.html) |  |
| Sept. 5 (week 2) | *No Class (labor day)* | [Exercise 1: functions and summary stats](EXERCISE1.html) |  |
| Sept. 12 (week 3) | [Central limit theorem (CLT) and sampling distributions](LECTURE2.html) | [Central limit theorem (CLT) and sampling distributions](LECTURE2.html) | Exercise 1 due 9/16 |
| Sept. 19 (week 4) | [Taxonomy of statistics](LECTURE3.html) | [t-tests and z tests](LECTURE4.html) | Project proposals due 9/23 |
| Sept. 26 (week 5) | [t-tests and z-tests](LECTURE4.html) | [Exercise 2: t-tests](EXERCISE2.html) | Exercise 2 due 10/5 |
| Oct. 3 (week 6) | [Chi-squared tests](LECTURE5.html) | *No class (Kevin at conference)* |  |
| Oct. 10 (week 7) | [Linear regression](LECTURE6.html) | [Exercise 3: linear regression](EXERCISE3.html) | Exercise 3 due 10/19 |
| Oct. 17 (week 8) | [Linear regression](LECTURE6.html) | Discussion: p-values | p-value readings (see WebCampus) |
| Oct. 24 (week 9) | [Linear regression](LECTURE6.html) | [Exercise 4: Multiple linear regression](EXERCISE4.html) | Exercise 4 due 11/4 |
| Oct. 31 (week 10) | [ANOVA](LECTURE7.html) | [ANOVA](LECTURE7.html) |  |
| Nov. 7 (week 11) | *No class (Kevin at conference)* | [Exercise 5: GLM](EXERCISE5.html) [Kevin away at conference] | Exercise 5 due 11/11 |
| Nov. 14 (week 12) | [GLM](LECTURE8.html) | [GLM](LECTURE8.html) | Draft project ms due 11/16 |
| Nov. 21 (week 13) | [GLMM](LECTURE9.html) | [Exercise 6: GLMM](EXERCISE6.html) | Exercise 6 due 11/25 |
| Nov. 28 (week 14) | [GLMM](LECTURE9.html) | *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 |