

# Class Meetings

Fall 2018

Links to all slide decks and in-class lab materials will be posted here.

Class Videos.

Weekday	Date	CM / Block	Topics
NA	Week One	1.0 Intro to Data and R	NA
Tues	September 25	1.1: Summarizing Data	Welcome & Intro
<a href="f=slides/cm011.html">	1.1 -	Sample Data NA	
Thurs	September 27	1.2: Visualizing distributions	1.2 - Distributions
<a href="ef=reference/SummariesAndDistributions.html">	Distributions and Summary Statistics</a>	NA	NA
NA	Week Two-Four	2.0 Linear Regression	NA
Tues	October 2	2.1: Simple linear regression	NA
Thurs	October 4	2.2: Simple linear regression	NA
Tues	October 9	2.3: Linear models (general)	2.3 - Linear Models
Thurs	October 11	2.4: Multiple regression	NA
Tues	October 16	2.5: LM diagnostics/outliers	2.5 - LM Diagnostics
NA	Week Four-Five	3.0 Probability	NA
Thurs	October 18	3.1: Probability Review	3.1 - Probability
Tues	October 23	3.2: Discrete Probability Functions	3.2 - Discrete Probability
Thurs	October 25	3.3: Continuous Probability Functions	3.3 - Continuous Probability
NA	Week Six-Eight	4.0 Inference	NA
Tues	October 30	4.1: Sampling distributions	4.1 - Sampling Distributions
Thurs	November 1	4.2: Bootstrapping (confidence intervals)	4.2 - Bootstrapping
Tues	November 6	4.3: Hypothesis testing (resampling)	NA
Thurs	November 8	4.4: Hypothesis testing (classical)	4.4 - Hypothesis Testing
Tues	November 13	4.5: Errors, Effect Size, and Power	4.5 - Errors, Effect Size, and Power
NA	Week Eight-Eleven	5.0 Comparing Groups	NA
Thurs	November 15	4.6 & 5.1: General Linear Model and Many Means	4.6 - The General Linear Model
<a href="f=slides/cm051.html">	5.1 -	Many Means - ANOVA NA	
Tues	November 20	5.2: ANOVA by hand	NA
Thurs	November 22	NO CLASS	Thanksgiving - NO CLASS
Tues	November 27	5.3: Contrasts, post-hoc tests, and p-value adjustments	5.3 - Contrasts
Thurs	November 29	5.4: Two-way ANOVA/3-way ANOVA	5.4 - 2-way and 3-way ANOVA
Tues	December 4	Extra Credit Lab / Q&A	NA
NA	Week Eleven-Twelve	NA	NA
Thurs	December 6	Final presentations	Groups 4, 5, & 6
Tues	December 11	Final presentations	Groups 7, 2, & 3
Thurs	December 13	Final presentations	Groups 3, 9, & 8