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Grades

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Course Info

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Week 4

Statistical Inference

Week 4

Discuss and ask questions about Week 4.  
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Week 4: Power, Bootstrapping, & Permutation Tests



We will begin looking into power, bootstrapping, and permutation tests.

Module 11: Power

Reading: Power 10 min

Video: 11 01 Power 4 min

Resume

Video: 11 02 Calculating Power 12 min

Video: 11 03 Notes on power 4 min

Video: 11 04 T test power 8 min

Module 12: Multiple Comparisons

Video: 12 01 Multiple Comparisons 25 min

Module 13: Resampling

Reading: Resampling 10 min

Video: 13 01 Bootstrapping 7 min

Video: 13 02 Bootstrapping example 3 min

Video: 13 03 Notes on the bootstrap 10 min

Video: 13 04 Permutation tests 9 min

Week 4 Quiz

Quiz: Quiz 4 9 questions Due Oct 12, 1:59 AM CDT

Course Project

Peer-graded Assignment: Statistical Inference Course Project 1h Due Oct 12, 1:59 AM CDT

Review Your Peers: Statistical Inference Course Project Due Oct 15, 1:59 AM CDT

Practical R Exercises in swirl

Reading: Practical R Exercises in swirl Part 4 10 min

Practice Programming Assignment: swirl Lesson 1: Power 3h

Practice Programming Assignment: swirl Lesson 2: Multiple Testing 3h

Practice Programming Assignment: swirl Lesson 3: Resampling 3h

Share Your Feedback

 **Reading:** Post-Course Survey 10 min

