Biostatistics Meet-and-greet

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Ege Ülgen

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Teaching Assistants

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- Ezgi Sıla Toklucu
- Ceyda Büyüker
- Serhan Aytekin
- Ömer Faruk Sülüker

- Kerem Birışık
- Laman Karimli
- Süleyman Eren SAÇMALI
- Eda Nur SARIÇAM
- Beril Ay
- Boran Aksakal
- Yaren Nur Demir
- Konuralp İlim
- Osman Acar
- Serra Nur Selek

Syllabus

Week	Date	Subject	HW	review
1	2022-10-06	Introduction to the Course		
1	2022-10-06	Overview of Statistics/One-Variable Data Analysis		
2	2022-10-13	Introduction to Programming with R		
3	2022-10-20	Two-Variable Data Analysis	HW1	
4	2022-10-27	Hypothesis Testing - One Sample		
5	2022-11-03	Hypothesis Testing - Two Samples		
6	2022-11-10	Hypothesis Testing - \>2 Samples	HW2	
7	2022-11-17	Hypothesis Testing - Categorical Outcomes		review before MT 1
8	2022-11-24	Midterm Exam		
9	2022-12-01	Hypothesis Testing - Non-Parametric Tests		
10	2022-12-08	Linear Regression		
11	2022-12-15	Logistic and Poisson Tegression	HW3	
12	2022-12-22	Sampling Methods and Missing Data		
13	2022-12-29	Power Analysis and Sample Size Calculation	Final Project	review before final
14	2022-01-05	Review before final		
15	2022-01-12	Final Exam		

Lecture Slides & Scripts

• All lecture slides and scripts are available on LMS and:

https://github.com/egeulgen/MED131 22 23

Course Evaluation

- Homework 25%
- Mid-term 25%
- Final exam 30%
- Term project 20%

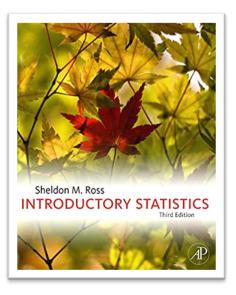
Software





Reference Reading

• Sheldon Ross (2010) Introductory Statistics, Academic Press, 3rd edition



- Roger Peng (2016) R Programming for Data Science.
 - Buy it at any price at https://leanpub.com/rprogramming

