

Biostatistics Meet-and-greet

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ACIBADEM
MEHMET ALİ AYDINLAR
ÜNİVERSİTESİ

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Lecture Notes and Scripts

- Available on LMS and GitHub:

https://github.com/egeulgen/BB503_BB602_22_23

Syllabus

Week	Date	Subject	R	HW
1	2022-10-06	Exploratory Data Analysis		
2	2022-10-13	No lecture		
3	2022-10-20	Exploratory Data Analysis		
4	2022-10-27	Probability / Conditional Probability / Bayes Theorem		HW1
5	2022-11-03	Discrete Distributions		
6	2022-11-10	Continuous Distributions		
7	2022-11-17	MLE / LLN / CLT		
8	2022-11-24	Midterm Exam		
9	2022-12-01	Hypothesis tests I		
10	2022-12-08	Hypothesis tests II		
11	2022-12-15	Hypothesis tests III / Multiple testing correction		HW2
12	2022-12-22	Power Analysis / Missing data / Linear regression		
13	2022-12-29	Generalized Linear Models		
14	2023-01-05	Resampling Methods		HW3
15	2023-01-12	Review before final		
16	2023-01-19	Final Exam		

Course Evaluation

- Mid-term – 30%
- Final exam – 50%
- Homework – 20%

Software



Reference Reading

- Sheldon Ross (2010) Introductory Statistics, Academic Press, 3rd edition
- Sheldon Ross (2012) A First Course in Probability, Pearson, 9th edition.
- Peter Daalgard (2008) Introductory Statistics with R, Springer Verlag, 2nd edition.
- Roger Peng (2016) R Programming for Data Science.
 - Buy it at any price at <https://leanpub.com/rprogramming>