Statistics 1

Lecturer: József Mala **Practical Instructor:** Tamás Kói

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Lectures: Thursdays 12:15-14:00, Room H601

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Signature: to obtain a signature it is necessary that students be present at least 70% of the lectures and 70% of the practicals.

Homework assignments: students will have to solve two homework assignments weekly, which means 12x2 exercises during the semester. Only the results from the best 10 weeks count, hence students can get 20 points as a maximum (1 point for each exercise). The solutions of the homework assignments are handed in **Teams** (code for the group: **bbh5s2i**).

Oral examination: at the oral exam students get two theoretical questions and one exercise. To pass it, they will have to know the notions and theorems of the course. The maximal attainable score at the oral examination will be 50.

Practical tests: There will be two **tests in the practical (time announced later),** where the maximal attainable score will be 15 at each test. To succeed, students have to receive at least 6 scores at both. There will be a **retake test (time to be announced later)** and a **re-retake test (time to be announced later).** At the retake test you can make up both tests but at the re-retake test you can make up only one of them.
Final grade: if the oral exam is successful the final grade is obtained from the total score of the homework assignments, the practical tests and the oral exam in the following way:

 40-54: satisfactory (2)

55-69: average (3)

70-84: good (4)

85-100: excellent (5)

Text:

- G. K. Bhattacharyya, R. A. Johnson: Statistics, Principles & Methods, 6th ed., John Wiley and Sons, 2010
- R.V. Hogg, J.W. McKean, A. T. Craig: Introduction to Mathematical Statistics, 8th ed., Pearson, 2018
- C. R. Rao: Statistics and Truth, World Scientific, 1997

Consultations: before oral exams, time to be announced later.