

HOMework

Mathematics 2501 – old number: 8.1
(Elementary Probability and Statistics)
Fall 2020, Section MW11, Code: 20763
Monday–Wednesday 11:00-12:15pm, Classroom: online
Instructor: Attila Máté

The section and page numbers refer to the textbook. Occasionally, only the first page of the respective homework set is given, and some homework problems may be found on subsequent pages. As for exercises involving calculations only, there is no benefit of doing them once you perfectly understand how the calculation is done. So, at your own risk, you may choose to do fewer of them; the risk is that some examples may involve features that you do not quite understand until you do the calculation.

Some of this homework is listed in the notes. Later, only the reading in the textbook is listed, and you need to relate the homework to the corresponding material in the textbook to see when the homework is appropriate.

Chapter 2, pp. 36–37, 201–223.

Chapter 3, pp. 61–62, 301–320. I did not mention quartiles in class, though they occur in the problems. To deal with these problems, you need to look up the definition of quartiles and the related examples in the textbook. While quartiles are of little importance in the course for now, this is something you can easily do on your own.

Chapter 5 will be covered lightly, I may assign homework for it later.

Chapter 6, p. 112, 601–610.

Chapter 7, p. 129, 701–702.

Chapter 8, p. 144, 801, 806.

Chapter 9, p. 163, 908, 910, 912.

See computer solution as the file `ex912_approx.pdf` and `ex912_exact.pdf`, to be posted online at the appropriate time.

Chapter 12, p. 219, 1204. See computer solution as the file `probl1204.pdf` online at the appropriate time.

Chapter 13, p. 249, 1302.