

Probability Theory for EOR 2021/2022

Selected Exercises

November 11, 2021

The exercises in bold font (color red) are tutorial exercises, that will be discussed during the on-campus tutorials. You may earn bonuses by showing your results (after peer feedback) to your TAs. See details in the Course Syllabus.

In this special time period, in case you are tested positive, and you still want to earn the tutorial bonus, take a photo of your results and send it to your group TAs.

Week 1

- Textbook exercises: 1, 3, 4, 6, 10, 12, 13, 15, 16, 17, 23, 31, **34(b)**, 36, 38, 43, 44, 45, 49, 50, **52**.
- Additional exercises:
 - I. What is the general definition of probability (mentioned in the slides)?
 - II. Prove the *properties of probability*, *I* using the general definition of probability (mentioned in the slides).