

## Reference meeting report, TMA4295, Statistical Inference, 26/10-21

### Exercises:

- Students' inputs:
  - They are difficult and take a lot of time.
  - They rely too heavily on guidance sessions.
  - Request for written solution guide or walkthrough.
  - Difficult to understand the formulation of some tasks.
  - The exercise sessions should be longer or change the example session to an exercise class during compulsory exercise weeks.
- Meeting conclusions:
  - There is intended to be a recap of the material during the last week of lectures.
  - The exercises are supposed to be hard, and some tasks are not expected to be completed.
  - If the tasks are hard to understand, then one should ask either on the forum or directly. Emphasis on the forum.
  - The exercise sessions will not be extended, but the last example class will be changed to an exercise class. Also, Gunnar is available during office hours (see wiki-page for time and office location). Lastly, there is more capacity on the forum than what is currently used, so feel free to spam more there.

### The book:

- Students' inputs:
  - Requested a list of relevant stuff from chapter 1-5.
  - What definitions and/or theorems are formulated "wrong" or "different" from what is deemed "correct" in this course?
  - Ten chapters is a lot of material.
- Meeting conclusions:
  - The request for a list of relevant material from chapters 1-5 is noted. As of now, most of it is deemed relevant, so a more compact list is not prioritized.
  - There is only one small part in chapter 1 that is somewhat "wrong", which is how they define events and random variables. The rest of the book is good, so you should not feel bad about reading any of it. There should not be any material from outside the book, but it is expected that we can reformulate the material to solve problems that are not in the book.
  - A lot of the material in chapters 1-5 should be familiar. Also, there will be very little material from chapter 10 which in turn means that the main part of the course is composed of material that can be retraced in chapters 6-9.

### Exam:

- Students' inputs:
  - Want general info about the exam.
    - Will it be like the compulsory exercises?
  - Request to get the Bo Lindquist exam.
- Meeting conclusions:
  - Exercise 3, 6 and 9 along with exercises in the book are essential study material for the exam.

- The material for this course is difficult, so it will likely be a difficult exam.

Lectures:

- Students' inputs:
  - Too essential to be in the lectures. If a lecture is lost it is hard to catch up due to lack of notes and difference in formulations from the book.
  - Sometimes simple material seemed to be explained unnecessarily difficult or on a level that is over our understanding.
  - Still a bit messy
    - Requested specifically to reference the book whenever it is possible. E.g., with theorem/definition numbers.
    - Make more distinct whenever a theorem/definition is used or declared.
- Meeting conclusions:
  - If anything is unclear, whether it is the conclusion of a theorem or the writing on the blackboard, just let him know. A talkative classroom is desired.
  - Can't stress it enough: ask for more clarification if anything is unclear.
  - The material is difficult.
  - He will try to reference the book whenever possible/deemed useful. It might be possible to reference the book for important definitions and theorems (i.e. "this is thm 7.1.5 in the book").
  - Additional stuff:
    - He will try to relate examples in class to those in the exercise sets.