

Reference meeting report, TMA4295, Statistical Inference, 19/11-21

Exercises:

- Students' input:
 - Still difficult, but exercise 9 was maybe a bit shorter
- Meeting conclusions:
 - Still meant to be difficult.

Exam:

- Students' input:
 - Further specify the parts of the chapters that are directly relevant for this course.
 - What aids are given on the exam, e.g., formula sheet?
- Meeting conclusions:
 - Further specifications:
 - There is some info about chapter 6 on the wiki page.
 - We must know about chapter 10, as stated in the lectures.
 - Regarding chapters 1-5, a lot of this is considered known material. We must know how to find densities with for example moment generating functions.
 - Aids: Not likely to deliver a formula sheet on the exam. Use the blue book "Tabeller og formler i statistikk", and a yellow A5 paper sheet with your own drawings of Gunnar for inspiration. (or formulas if you find that more useful). I think you can get the sheet on the 7th floor of "sentral bygget".
 - Additional information:
 - Structure: The exam will likely contain three parts.
 1. "Easier" computational part with inspiration from chapters 1-5.
 2. "Harder" part where one must find densities and whatnot.
 3. Part that relies on more understanding.
 - Dependencies between tasks:
 - He will try to make the tasks as independent as possible, but this is not always possible.
 - Make your own assumptions! If you get stuck on part a and can't move on to task b, then make your own assumptions such that task b can be done.
 - Definitions from the book: There has been mention of definitions in the book that are not exactly on par with those in this course. But, using these book definitions to answer the exam will not be punished, so rest assured with what you read in the book.
 - Practice: All exercises given in this course and the book exercises are good for practice.
 - The obligatory exercises are larger than the exam, but there will be some difficult tasks in the exam as well. Probably part 3?

The repetition lessons:

- Students' input:
 - The three obligatory exercises are good repetition material.
 - Would be nice to have a solution guide.

- Would like to repeat some of the Bayesian statistics.
- Meeting conclusions:
 - There won't be a solution guide. This is due to that there isn't always only one right answer. Also, it's about time to not rely on a solution guide. There isn't one out there in the real world.
 - Bayesian: There will be something about it during the repetition lessons, and during exercise sessions.
 - Remember that Gunnar will be available during office hours, and the forum is still running.

Good luck! 😊