

Course report

Background information

Course: Statistical machine learning, 1RT700

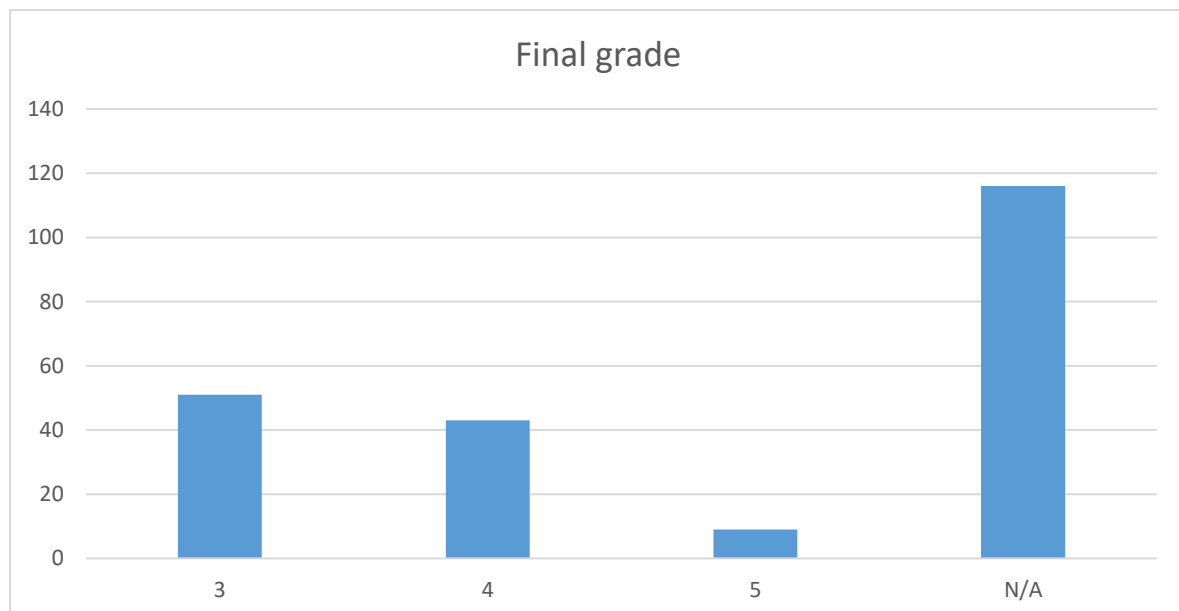
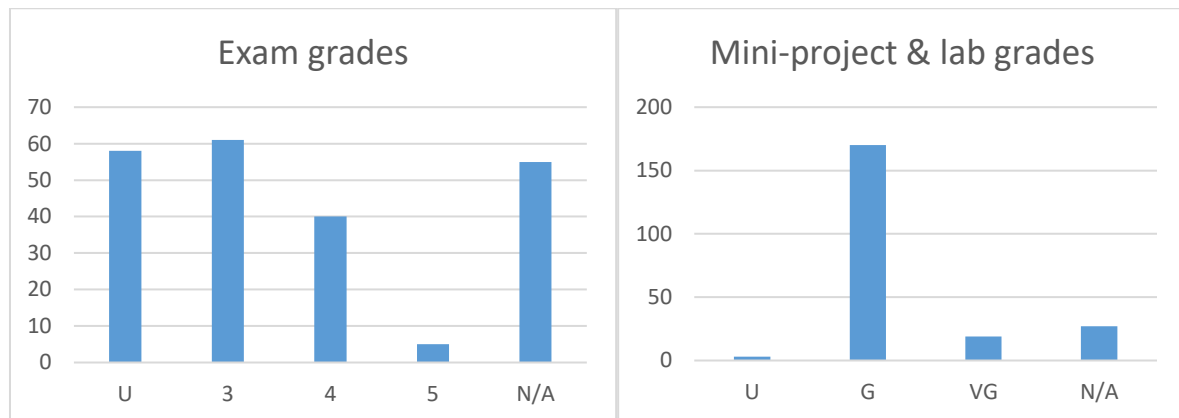
Semester: Spring 2022

Number of registered students: About 225

Response frequency: 28 %

Date: 2022-04-14

Result of examination



In the histogram of final grades, only students having passed BOTH examined moments (exam + mini-project) have received a grade, while the rest fall in the N/A-category. For example, this means that the N/A-category includes both students that failed the exam and those that didn't even take it.

Brief summary of students' opinions and suggestions

Good

- Good course literature
(*"Good work with the course litterature. It's one of the best course books I've had."*).

- Mini-project
(*"The project work was interesting and exciting."*, *"The project was very fun and a good learning experience."*)
- The majority of students found also the other teaching moments (lectures, lab, exercise sessions etc.) either valuable or somewhat valuable.
(*"Combination of lectures, lessons and studying with other students is the best combo."*)
- Ethics lecture
(*"The guest lecture by D. Sumpter was very appreciated!"*)

Bad

- Exam too hard/different
(*"Studying for the exam was valuable on its own, however the exam was a lot harder than previous exams"*, *"The exam was very different from previous ones."*),
- Workload of mini-project
(*"the "mini" project had too big of a workload"*, *"The mini project was a mega project"*)
- Lectures too theoretical – hard to fill in the gap to the problems solved in the exercises
(*"During the lectures the material was very abstract and we only wrote the formulas but had very weak knowledge of how to actually use the formulas."*).

[Course responsible's comments on course implementation and result](#)

The exam was somewhat harder than anticipated and I therefore decided to lower the grade limits by three points for all grades.

[Suggestions for possible changes or measures](#)

Lectures

- Include more examples
- Clarify where to find tips on model tuning

Mini-project

- Trim it by, e.g., removing the part on feature importance.
- Stress that the peer-review is an important learning activity, and clarify the deadlines.

Course structure

- Space out the deadline of the mini-project and the exam
- Give the one-hour ethics lecture earlier, and make it part of the examination (requires revisiting the course plan)

[Eventual changes that has been made in the course since the last time it was given](#)

Restructured home page.

Jens Sjölund, course responsible