



Rapport

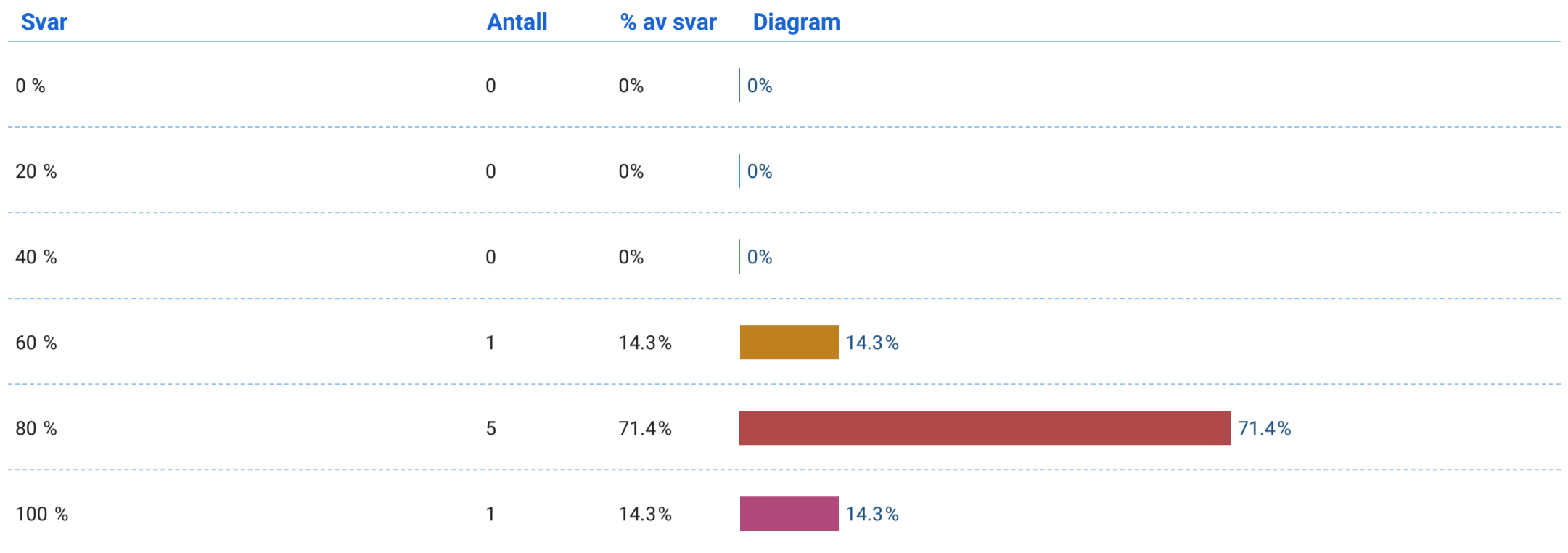
TTM4205 Secure Cryptographic Implementations

Innhold

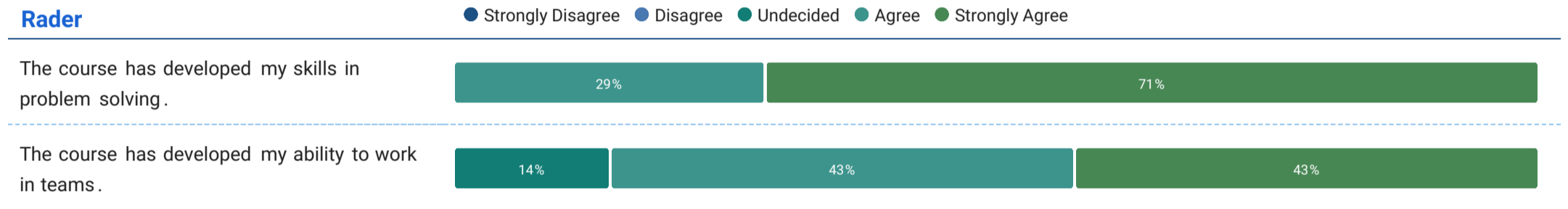
To which degree did you attend the scheduled activities (lectures, exercises, labs,...) of the course?	3
Transferable Skills	3
Learning Activities	4
Teachers and Learning Assistants	5
Feedback	5
Requirements and Expectations	6
Spørsmål uten tekst	6
What do you think was the best thing about this course?	7
What do you think needs to be improved?	7

☑ To which degree did you attend the scheduled activities (lectures, exercises, labs,...) of the course?

Antall svar: 7



☰ Transferable Skills



Rader	● Strongly Disagree	● Disagree	● Undecided	● Agree	● Strongly Agree
The course has developed my skills in problem solving.	0	0	0	2	5
The course has developed my ability to work in teams.	0	0	1	3	3

Learning Activities

Rader

● Strongly Disagree ● Disagree ● Undecided ● Agree ● Strongly Agree

There were many good learning activities that required me to work actively (rather than just listen).



The learning activities have been well prepared and clearly structured.



The learning activities have been engaging and motivating.



The course required that I prepared for the classes.



There has been a good correspondence between the learning goals and what was asked for in the exam and/or assignments.



Rader

● Strongly Disagree ● Disagree ● Undecided ● Agree ● Strongly Agree

There were many good learning activities that required me to work actively (rather than just listen).

Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
0	0	0	0	7

The learning activities have been well prepared and clearly structured.

Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
0	0	0	2	5

The learning activities have been engaging and motivating.

Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
0	0	0	4	3

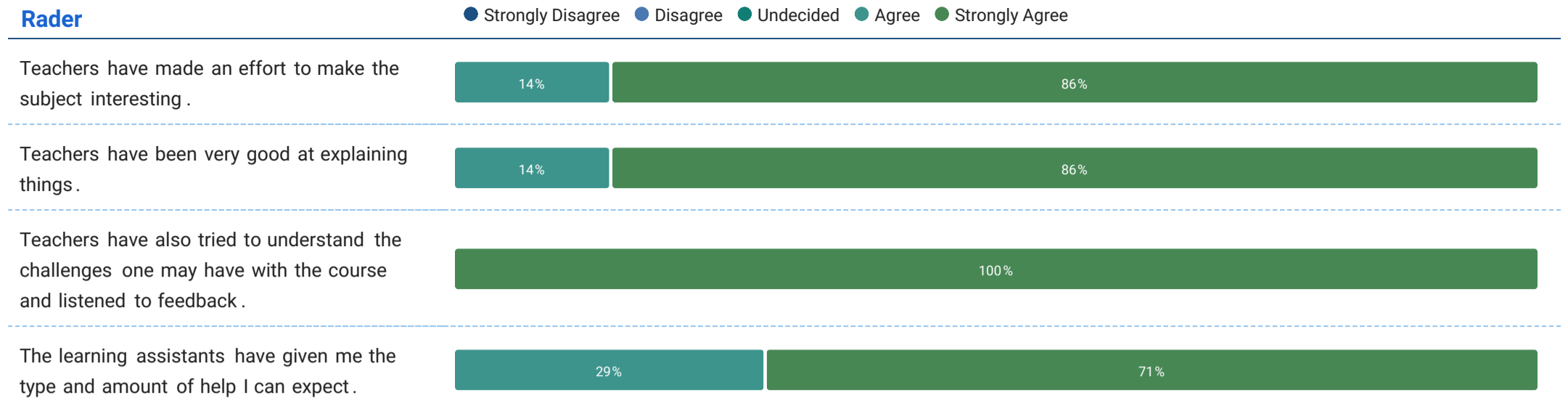
The course required that I prepared for the classes.

Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
0	4	2	0	1

There has been a good correspondence between the learning goals and what was asked for in the exam and/or assignments.

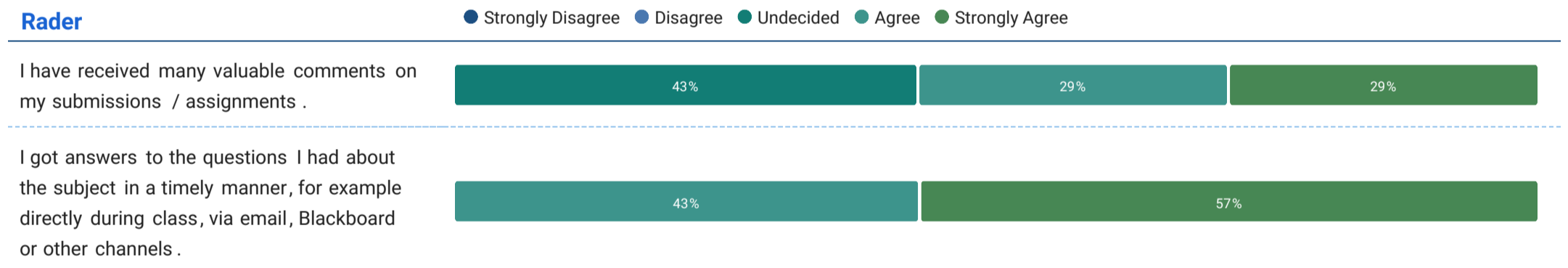
Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
0	0	0	1	6

Teachers and Learning Assistants



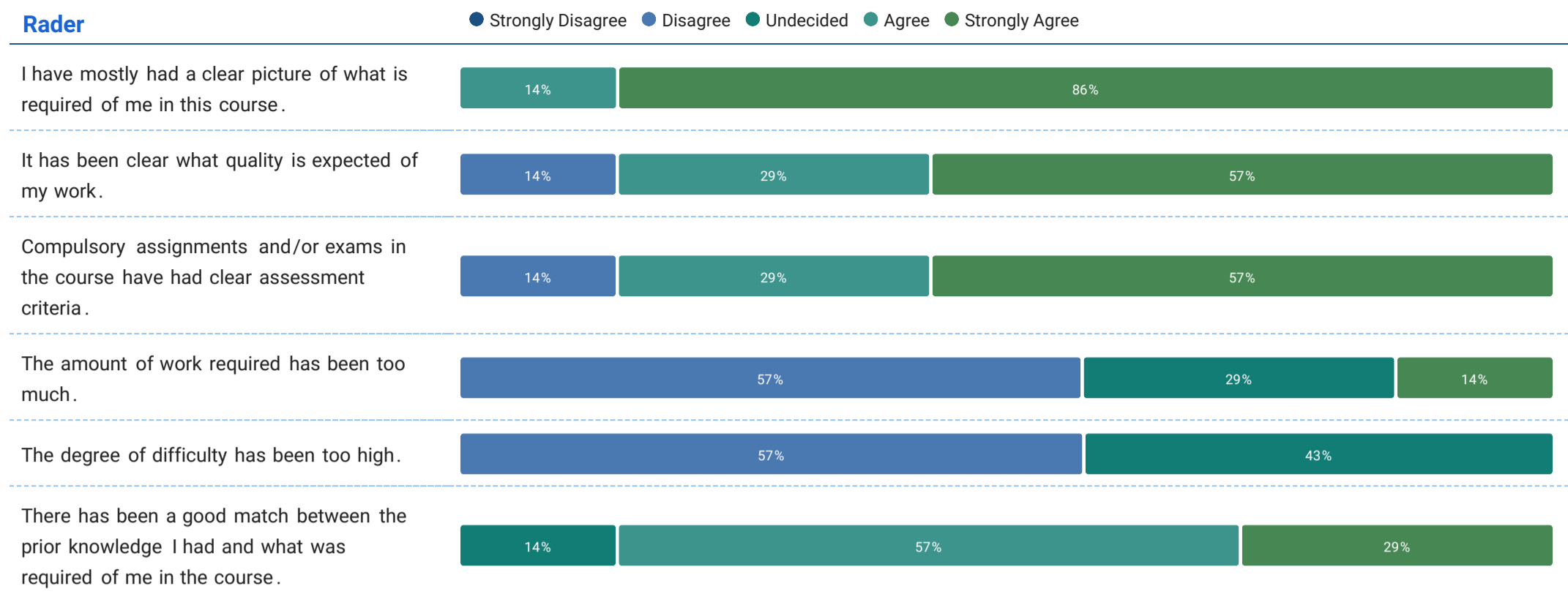
Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
Teachers have made an effort to make the subject interesting .	0	0	0	1	6
Teachers have been very good at explaining things .	0	0	0	1	6
Teachers have also tried to understand the challenges one may have with the course and listened to feedback .	0	0	0	0	7
The learning assistants have given me the type and amount of help I can expect .	0	0	0	2	5

Feedback



Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
I have received many valuable comments on my submissions / assignments .	0	0	3	2	2
I got answers to the questions I had about the subject in a timely manner, for example directly during class, via email, Blackboard or other channels .	0	0	0	3	4

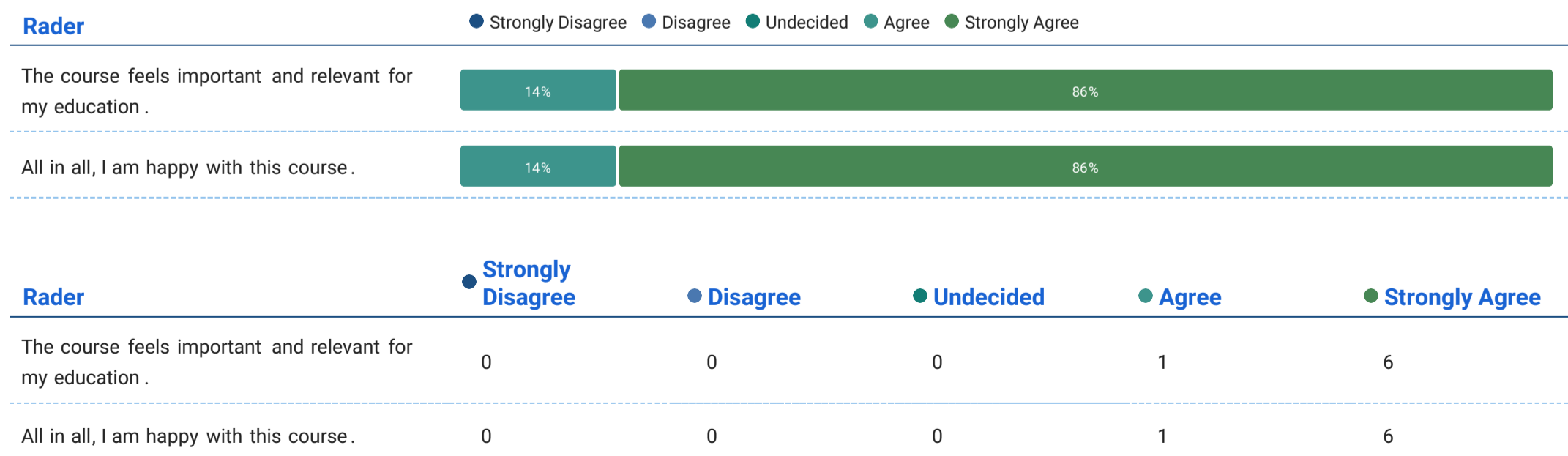
☰ Requirements and Expectations



Rader	● Strongly Disagree	● Disagree	● Undecided	● Agree	● Strongly Agree
I have mostly had a clear picture of what is required of me in this course.	0	0	0	1	6
It has been clear what quality is expected of my work.	0	1	0	2	4
Compulsory assignments and/or exams in the course have had clear assessment criteria.	0	1	0	2	4
The amount of work required has been too much.	0	4	2	0	1
The degree of difficulty has been too high.	0	4	3	0	0
There has been a good match between the prior knowledge I had and what was required of me in the course.	0	0	1	4	2

Overall Evaluation

☰ Spørsmål uten tekst



≡ What do you think was the best thing about this course?

Antall svar: 5

Svar

The course is practically focused.

The fact that the grade is fully portfolio-based is great, since it reduces the workload during the actual exam periods. It also helps to develop writing & presentation skills (essay), and allows students to distribute their time as they see fit. The late deadlines for all of these assignments are very helpful as well.

It's hard to choose as I think this course is very well organized. The lectures were really interesting and weekly assignments were challenging but interesting.

Engaging lectures (and great lecturers!), interesting topics, fun lab assignment

Well structured course with clear expectations in terms of workload

≡ What do you think needs to be improved?

Antall svar: 4

Svar

I have not felt the need to really study the course. While this reduces the workload, I think it lacks educative quality. This is because the lecture content was only mildly relevant for the weekly problems, meaning reviewing it was never really necessary. I think replacing the SCA labs with a course component that tests knowledge and understanding about the lectures (including SCA) would be better.

It would be nice to have some kind of reference weekly assignment submission and lab report submission, so it would be easier to know what is actually expected to be included and what level of detail is appropriate.

Overall the course is very good, but there are a few hiccups here and there in my opinion.

Firstly, the main problem I have is that there are a lot of tasks which are in both the lab and the assignments which were very hard because we had not discussed the topic well enough or at all in class. Prime example here for my part is the LLL algorithm, which I had a lot of trouble both implementing and understanding. But there are also times where I felt I lacked the knowledge to start on a task because the topic hadn't been introduced well enough or at all.

The second issue is the amount of work in this course. There is of course no exam, which I think is the correct choice here, but the time division of the rest needs some work in my opinion. The assignments take a loong time to finish, and that is even if I get them to work. On top of this the lab itself was very demanding (but also very fun). Since the essay technically begins in november, I feel like it is a lot of work pushed up with the exams. I believe it would be good to have the deadline for the essay moved to November 20 (or whenever the lectures ends), and begin a bit earlier instead. Right after the autumn-break would be a good start time in my opinion. Also I believe the right choice would be to make the lab a obligatory activity without a grade, because the learning potential is great there, but it is a lot of time wasted trying to get the correct answer just for some points :P

So my suggestion would be a 60% grade for the essay, which would begin a bit earlier and not interfere with exam period. And the remaining 40% would be the assignment, which can stay as is I suppose.

The lab was a bit messy. It was at times unclear what we were supposed to do, in terms of implementation in the jupyter notebooks. And several days were spent just trying to brute force parameters that produced a glitch. I really like the idea behind it, it was just a bit tedious to get through and felt like more work than the amount of points indicated.