



UNIVERSITÄT
DES
SAARLANDES

QUALIS
Qualität der Lehre im Studium



Feedback from the course evaluation - WS 2023/24

Automated Reasoning

Dr. Uwe Waldmann

Contact:

qualis@mx.uni-saarland.de

General information

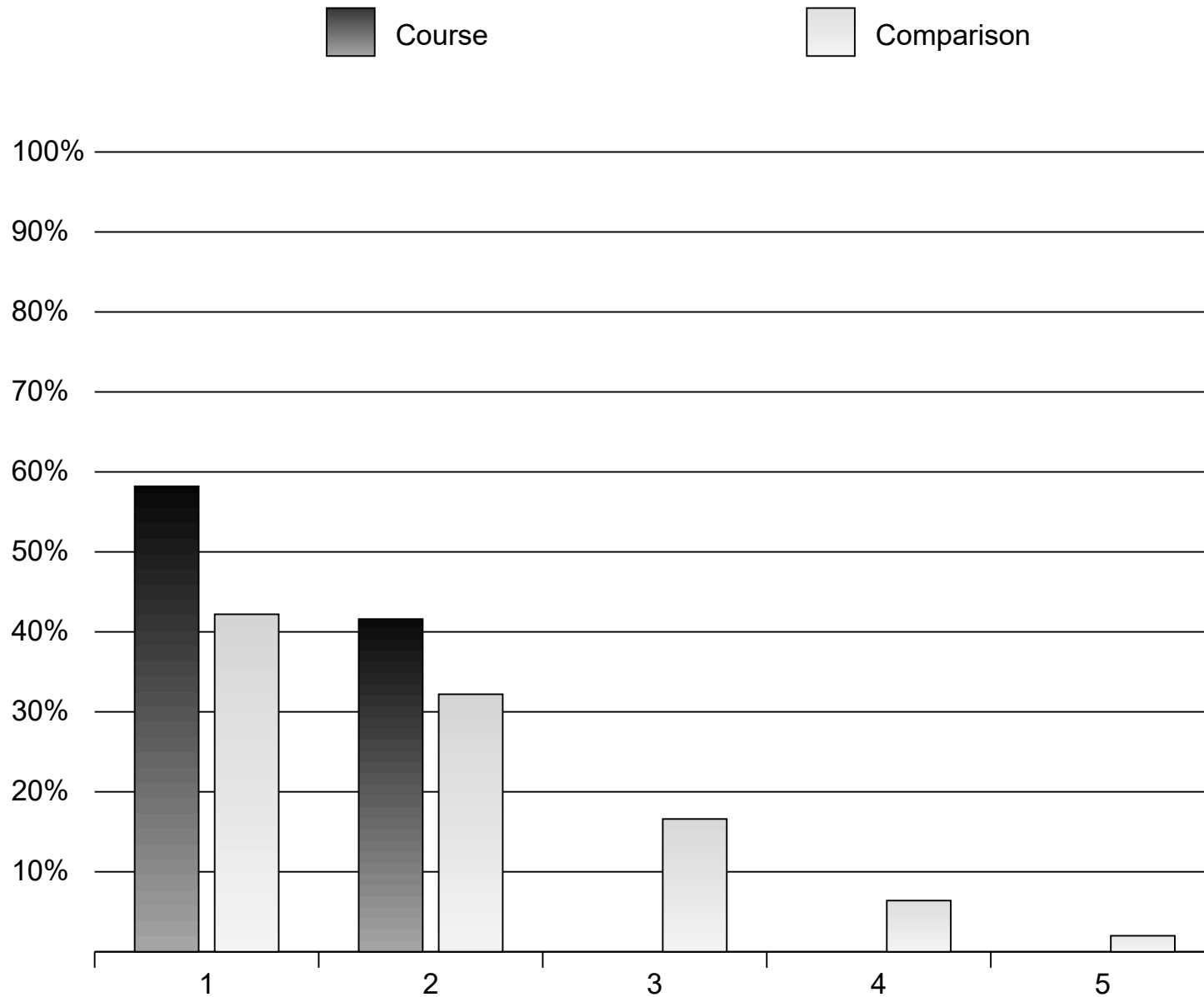
Information on Qualis

- Qualis is an internal university evaluation program within the framework of the Quality Management System Teaching and Learning under the professional responsibility of the Chair of Differential Psychology and Psychological Diagnostics.
- Courses offered by all faculties and courses offered by study-related institutions are evaluated.

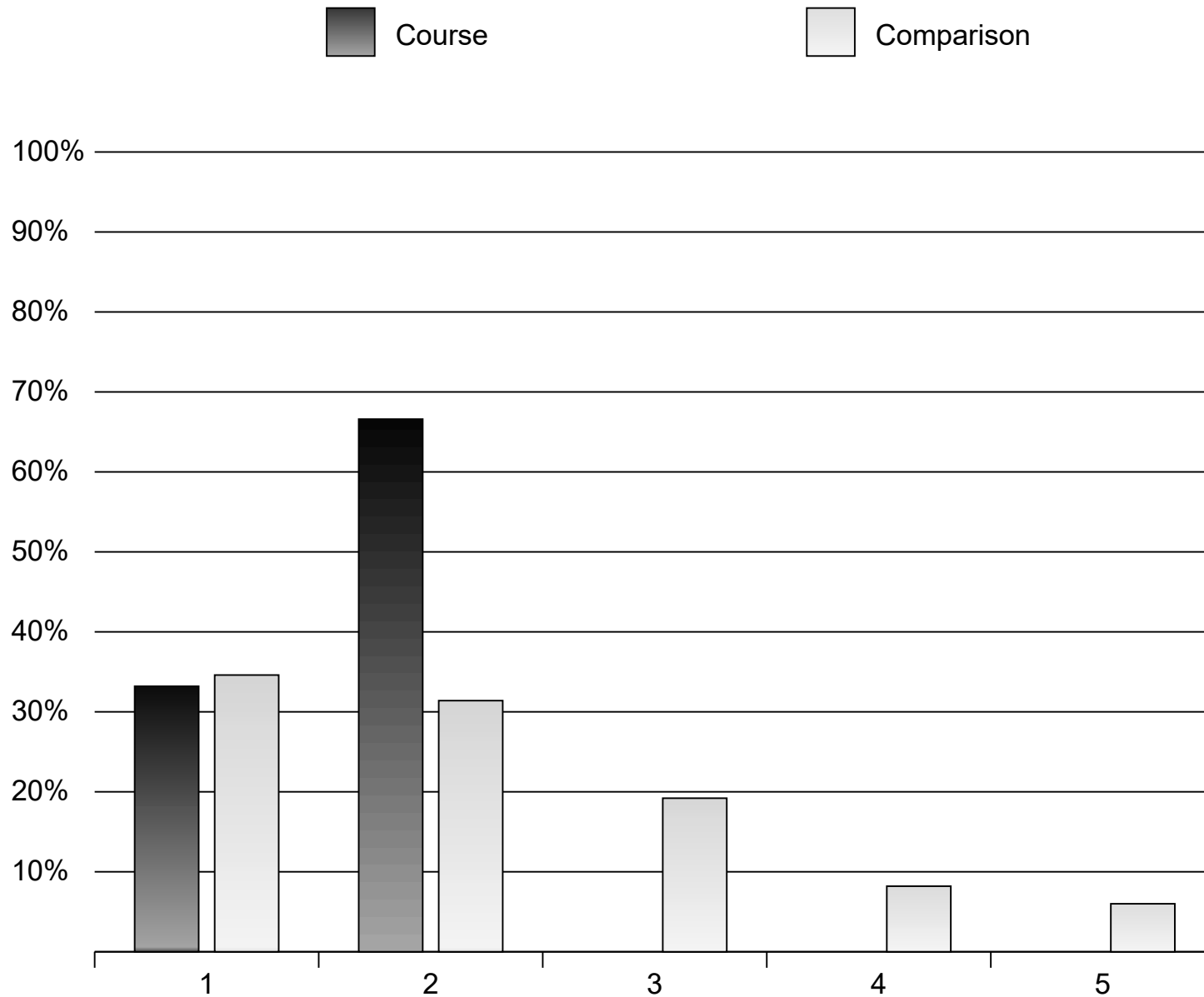
Details on the Qualis survey

- The basic form consists of 28 items, one free-response item as well as basic demographic variables.
- For purposes of analysis, individual items of the basic form are aggregated into five scales (Lecturer, Structure, Topic, Requirements, Overall Assessment) and reported in terms of these scales.
- The basic form is amended by additional scale items (e.g. presentations, work assignments, digital teaching) based on each course's specific assessments.

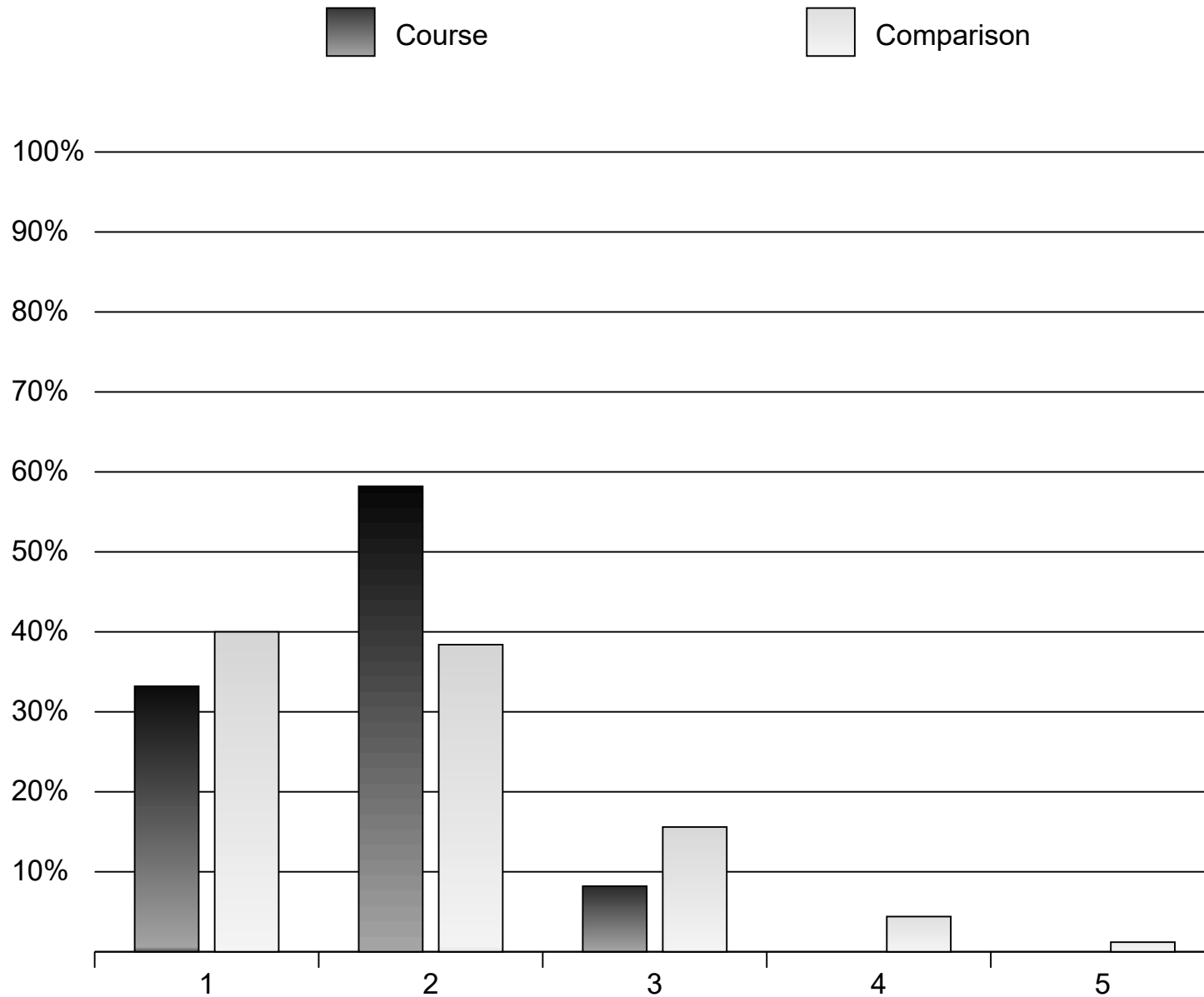
The Qualis-Team would like to thank all students and lecturers for their numerous and extensive participation!



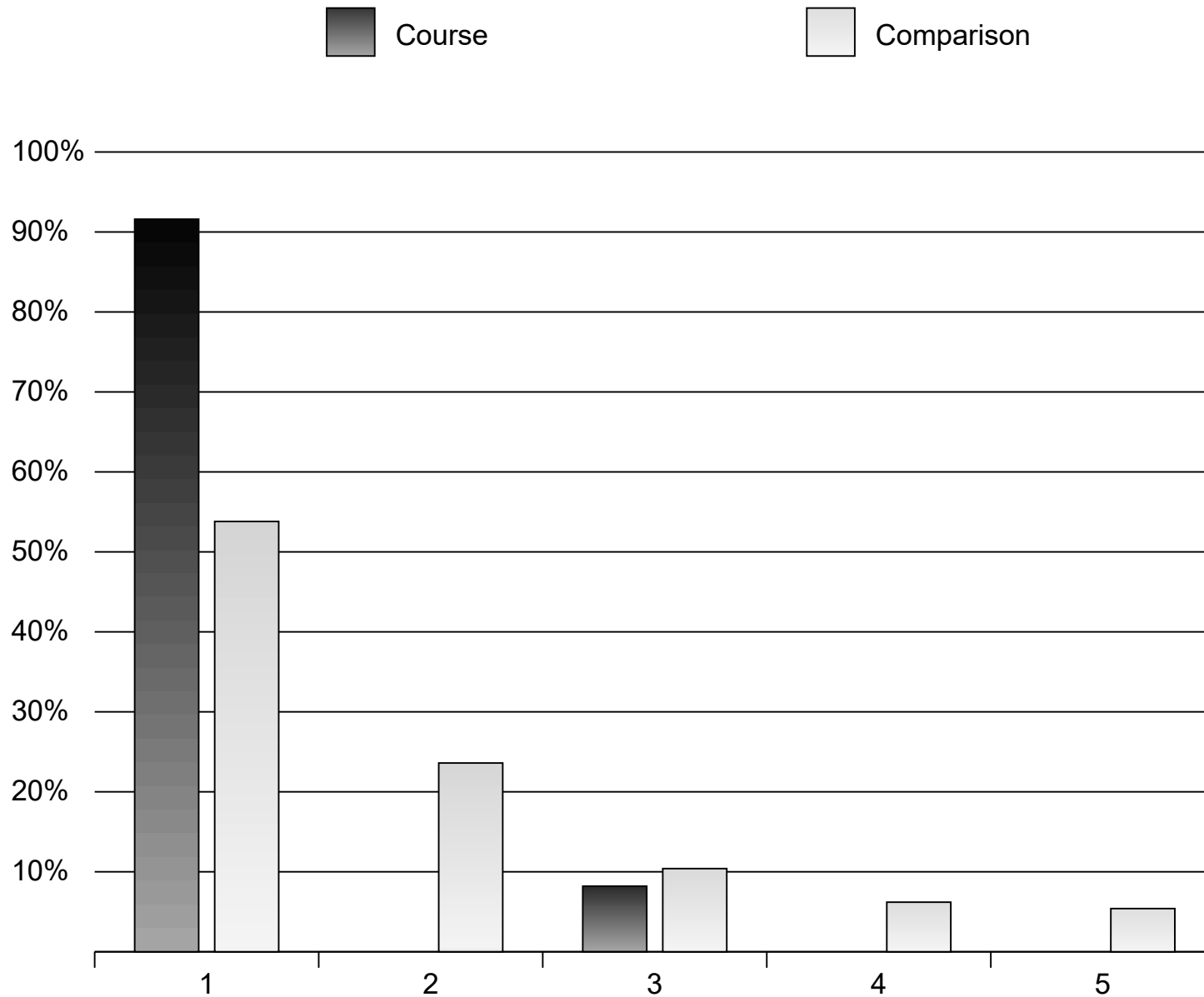
Structure



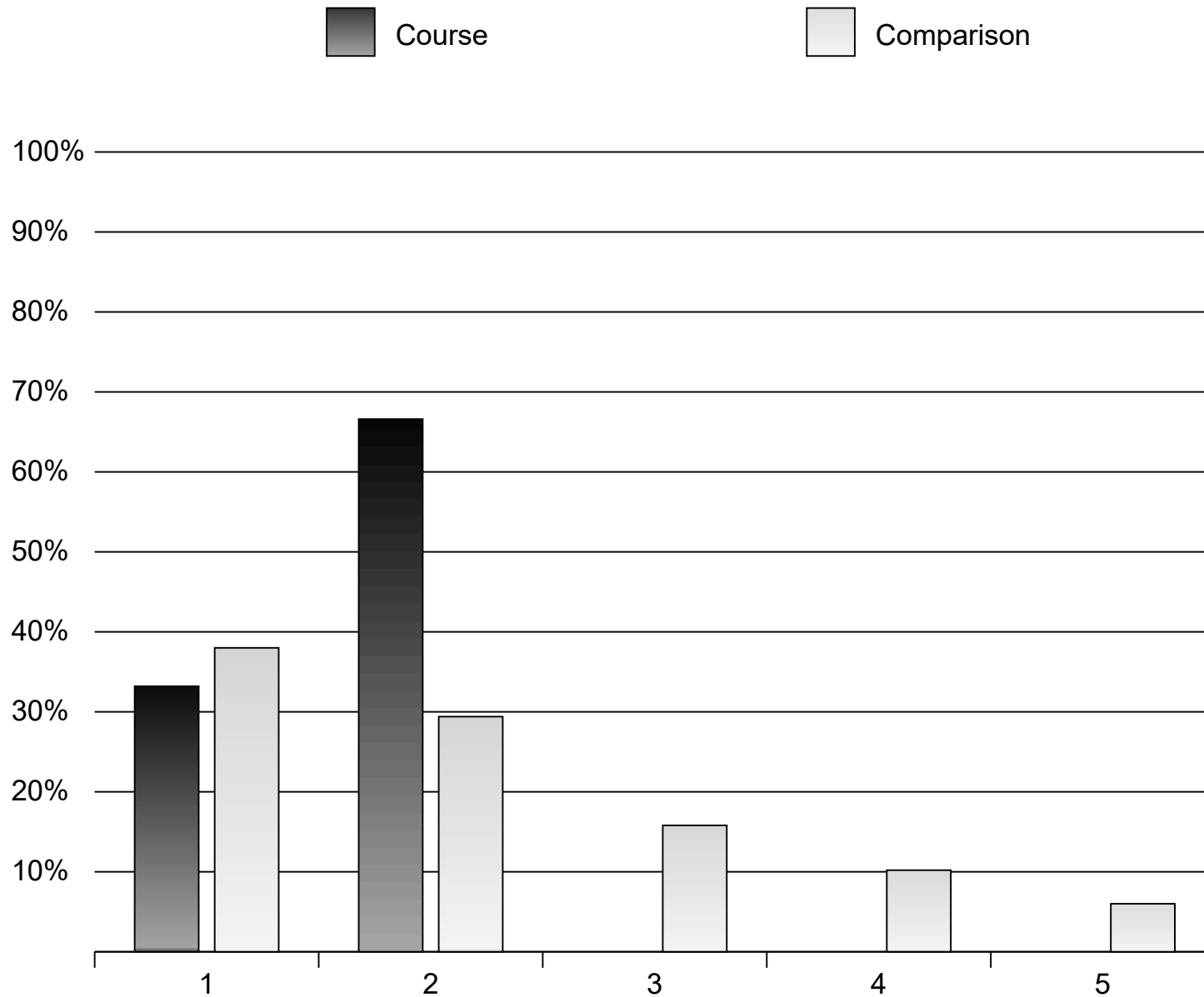
Topic




Organization



Overall Assessment



Comparison of means

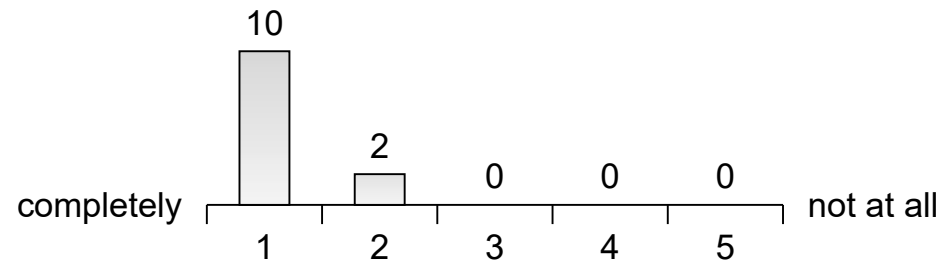
Scale	Course		Comparison		
	M	SD	M	SD	N
Lecturer	1.48	0.36	1.93	0.95	979
Structure	1.56	0.4	2.12	1.11	979
Topic	1.81	0.61	1.89	0.86	979
Requirements	 2.6	0.54			
Organization	1.33	0.68	1.87	1.13	979
Overall Assessment	1.68	0.35	2.19	1.15	979

Comparison group: Informatik, Vorlesungen, WS 2023/24 (43 courses)

M: Mean, SD: Standard deviation, N: Number of returned questionnaires

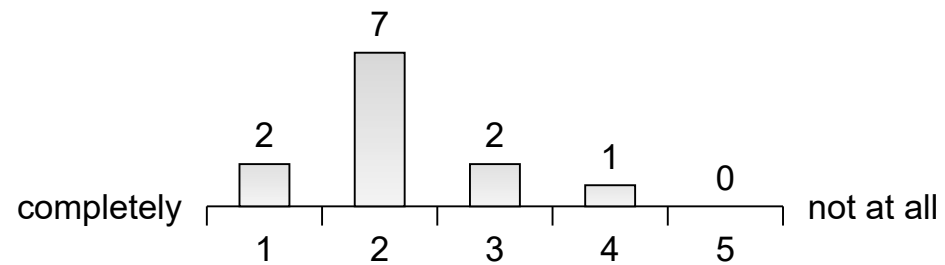
Lecturer

The lecturer was enthusiastic and motivated.



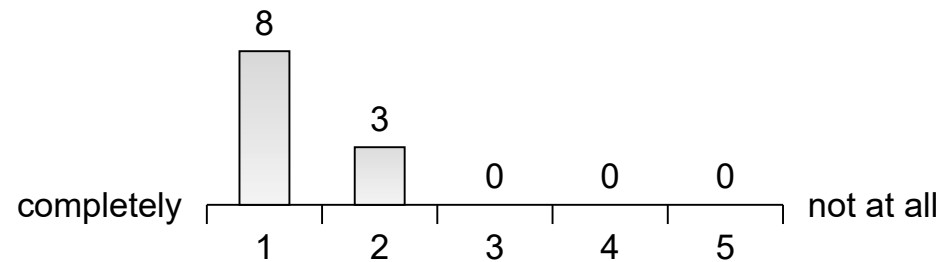
N= 12
M= 1.17
SD= 0.39
k.A.= 0

I was able to follow the pace of the lecturer.



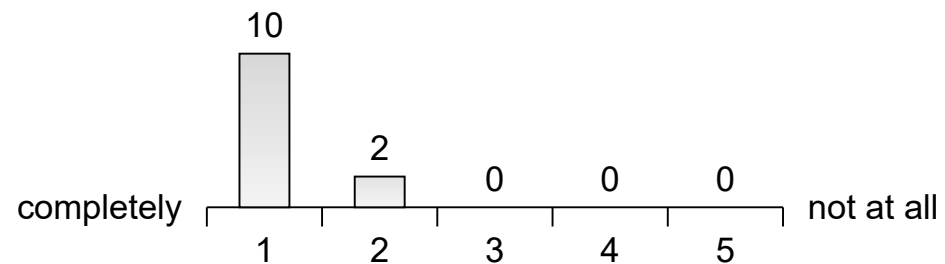
N= 12
M= 2.17
SD= 0.83
k.A.= 0

The lecturer provided a good learning and working atmosphere.



N= 12
M= 1.27
SD= 0.47
k.A.= 1

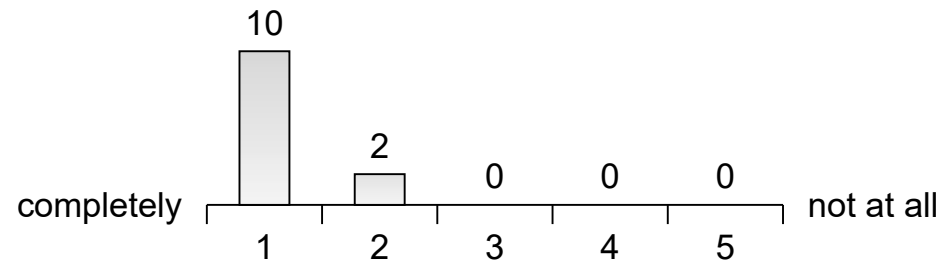
The lecturer has always been well prepared.



N= 12
M= 1.17
SD= 0.39
k.A.= 0

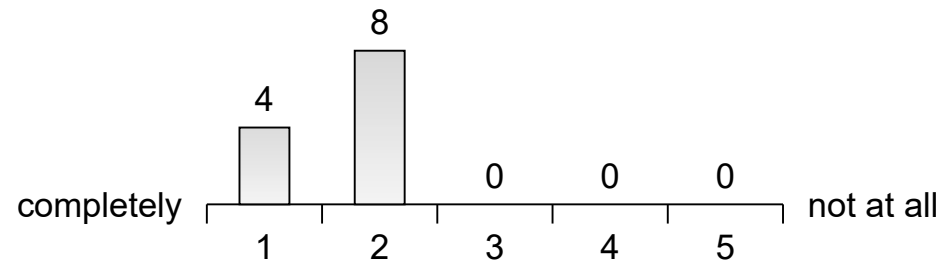
Lecturer

The lecturer was very competent.



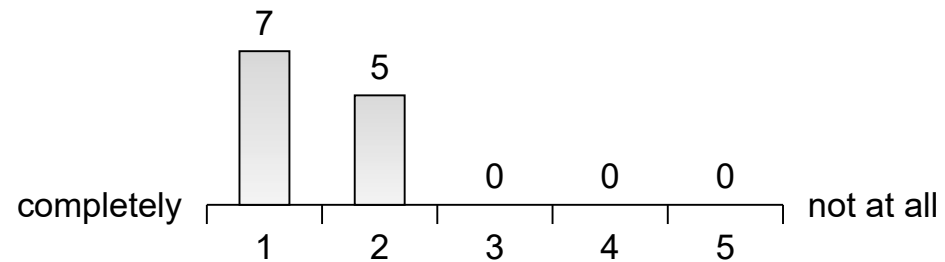
N= 12
M= 1.17
SD= 0.39
k.A.= 0

The lecturer was able to put complicated ideas across.



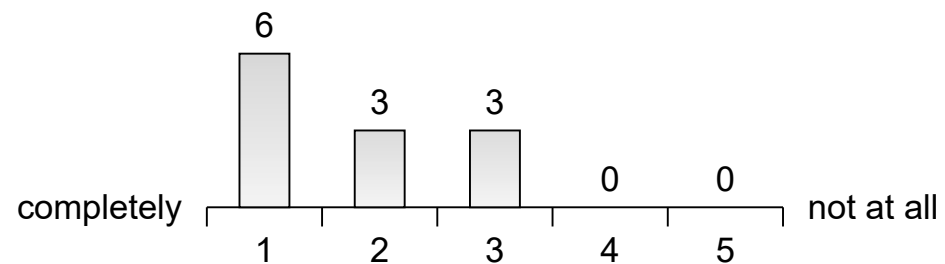
N= 12
M= 1.67
SD= 0.49
k.A.= 0

It was important to the lecturer that the participants benefitted from the course.



N= 12
M= 1.42
SD= 0.51
k.A.= 0

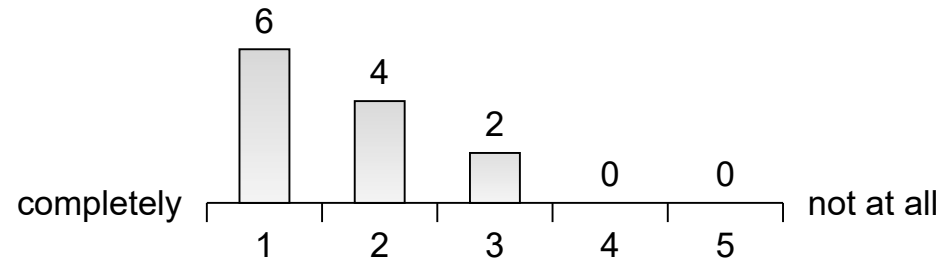
The lecturer motivated the participants.



N= 12
M= 1.75
SD= 0.87
k.A.= 0

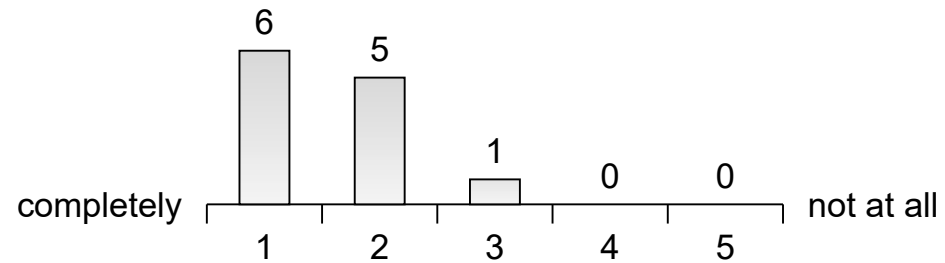
Structure

The learning objective was clear to me.



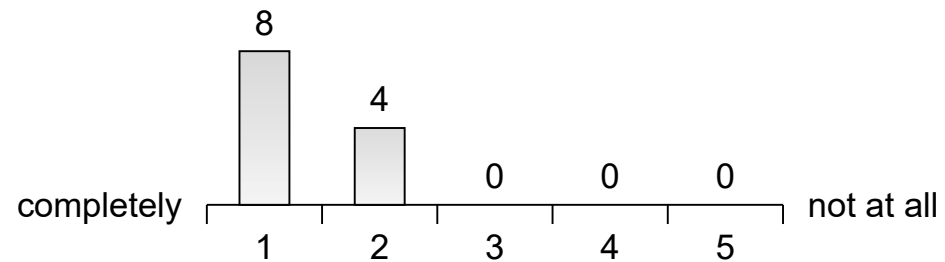
N= 12
M= 1.67
SD= 0.78
k.A.= 0

The educational objectives were well defined from the beginning.



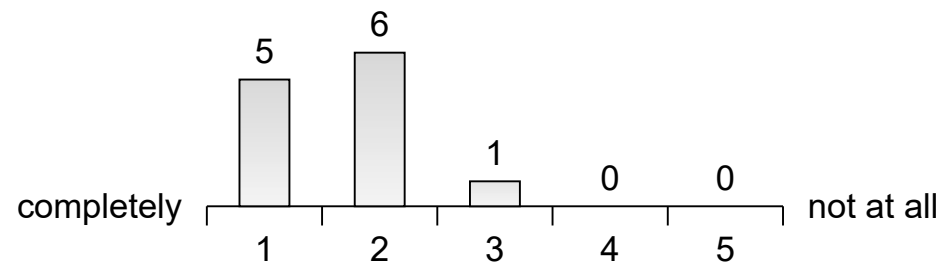
N= 12
M= 1.58
SD= 0.67
k.A.= 0

The course was well structured and comprehensible.



N= 12
M= 1.33
SD= 0.49
k.A.= 0

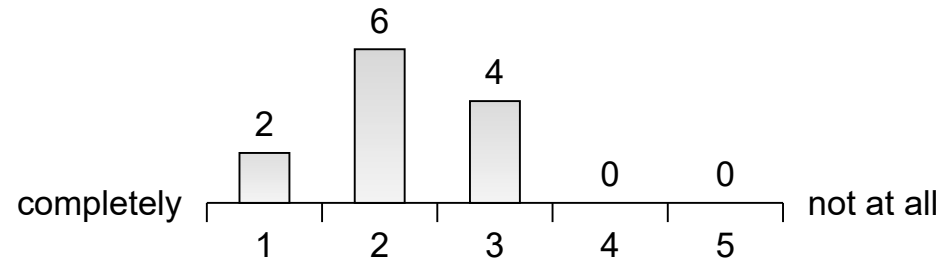
The structure of the content was logical/easy to follow.



N= 12
M= 1.67
SD= 0.65
k.A.= 0

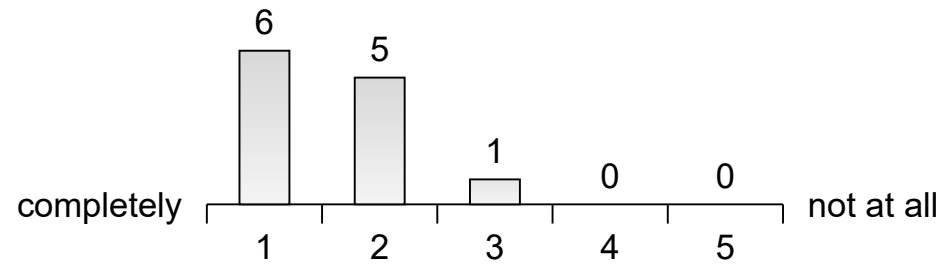
Topic

I was already interested in the subject of the course before I signed up for it.



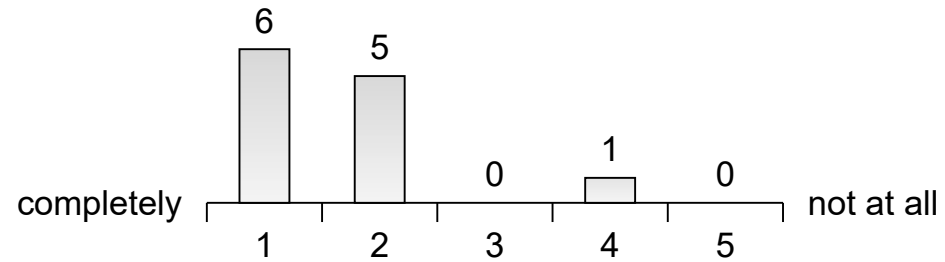
N= 12
M= 2.17
SD= 0.72
k.A.= 0

I believe that I have learned important facts in this course.



N= 12
M= 1.58
SD= 0.67
k.A.= 0

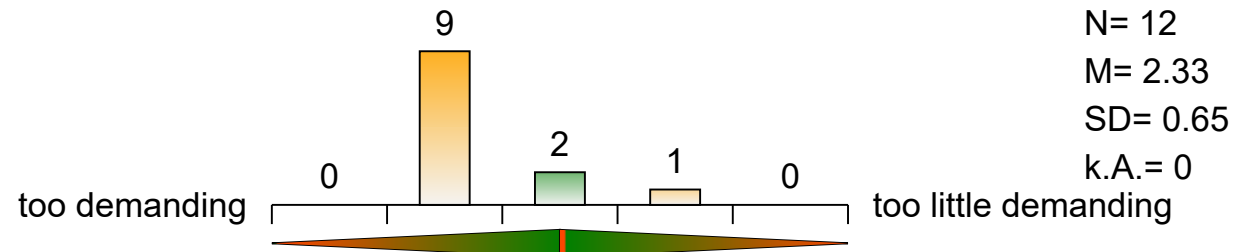
The topic of the course is relevant.



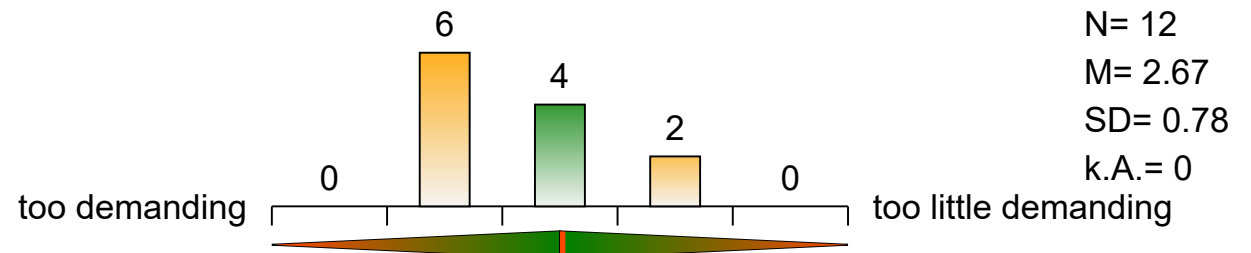
N= 12
M= 1.67
SD= 0.89
k.A.= 0

Requirements

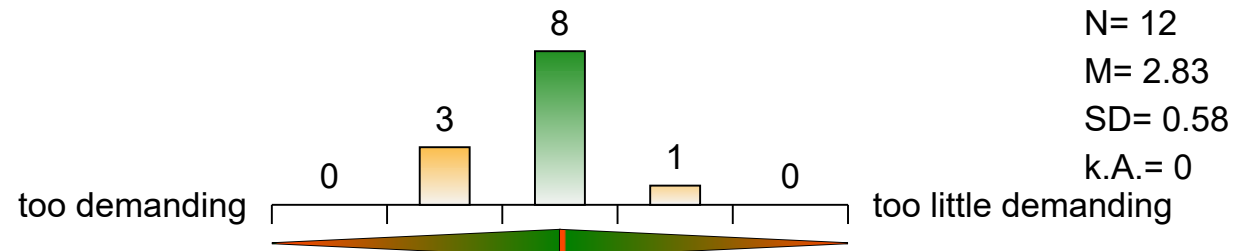
The difficulty of the content was...



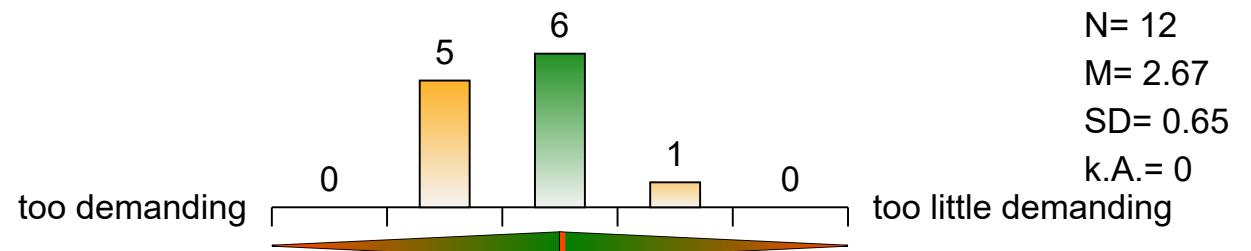
The amount of the content was...



The requirements of the course were...

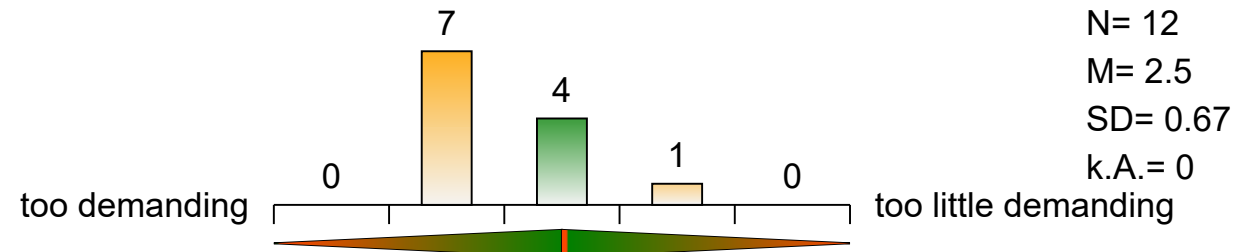


The amount of time required for the course (including preparation and follow-up) was...



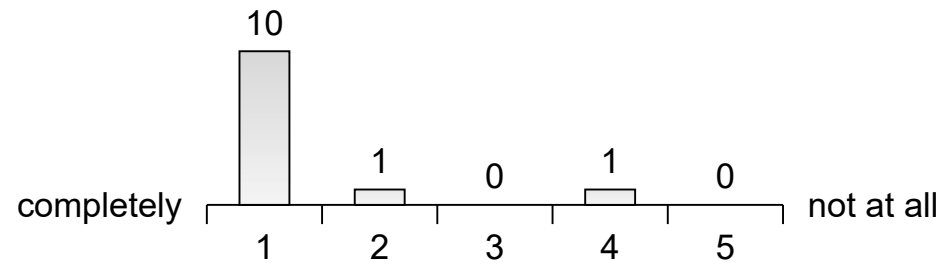
Requirements

Overall, I felt the course to be...



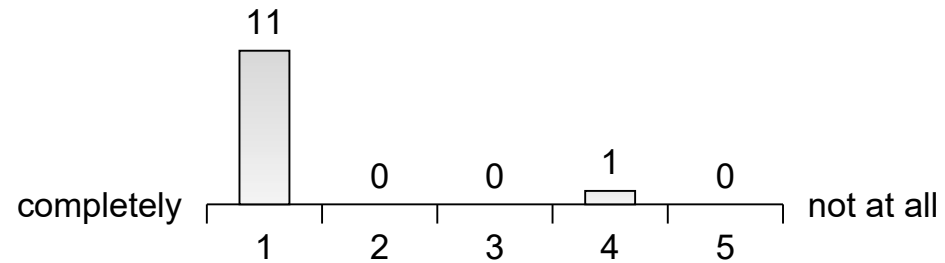
Organization

Concerning the organizational aspects of the course (i.e. place, time, performance requirements) I was informed well.



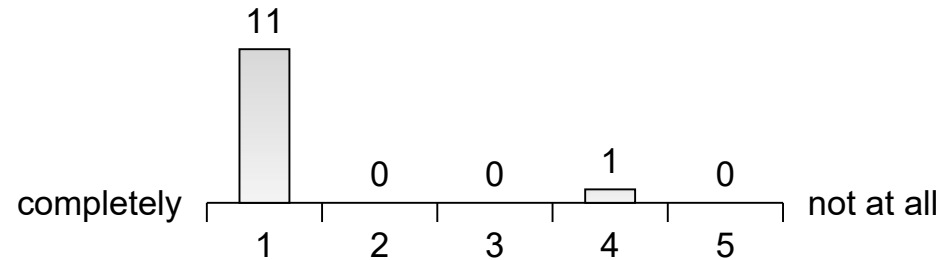
N= 12
M= 1.33
SD= 0.89
k.A.= 0

I was satisfied with the accessibility of necessary learning material.



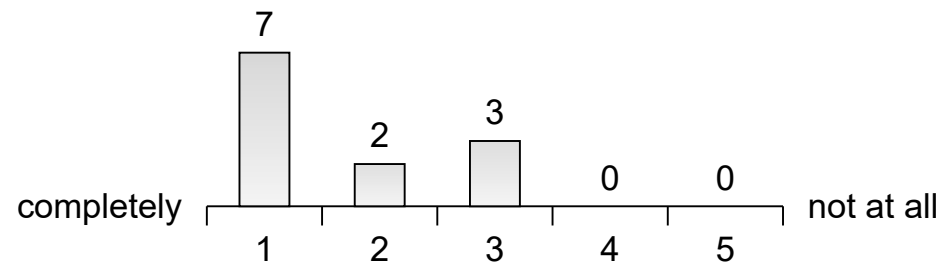
N= 12
M= 1.25
SD= 0.87
k.A.= 0

Organizational issues were dealt with in time and in detail.



N= 12
M= 1.25
SD= 0.87
k.A.= 0

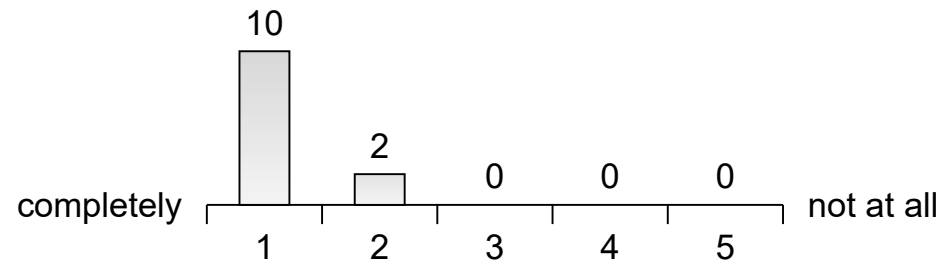
The course was running smoothly during the semester.



N= 12
M= 1.67
SD= 0.89
k.A.= 0

Organization

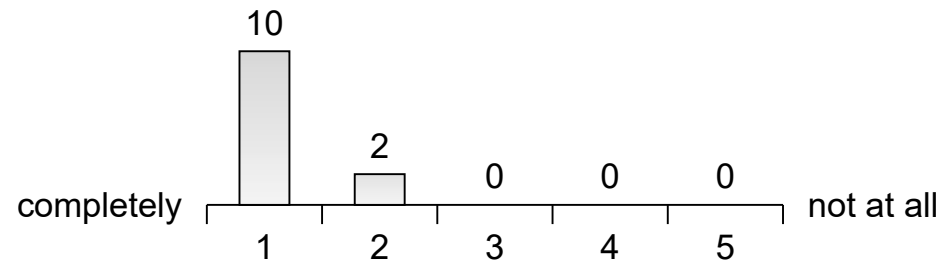
Altogether, the course was well organized.



N= 12
M= 1.17
SD= 0.39
k.A.= 0

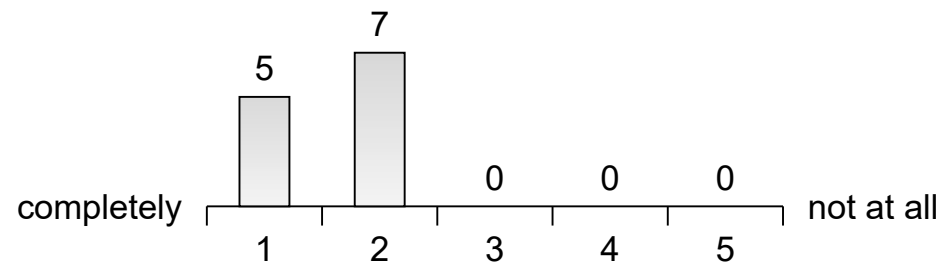
Overall Assessment

Overall, this was a good course.



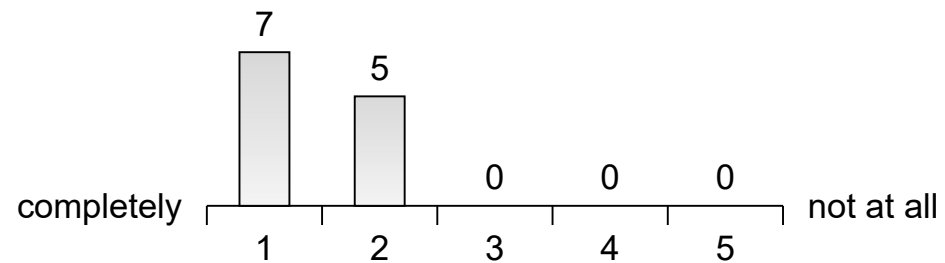
N= 12
M= 1.17
SD= 0.39
k.A.= 0

I learned a lot in this course.



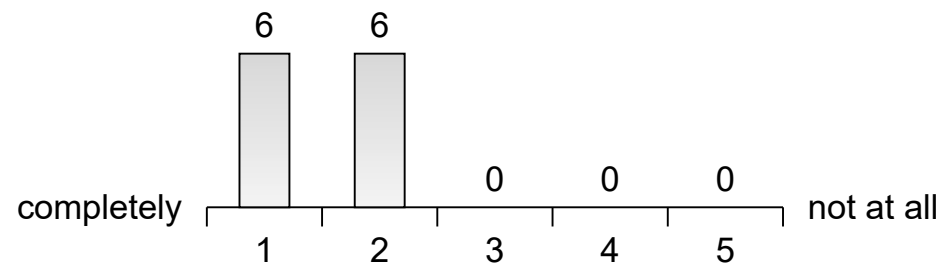
N= 12
M= 1.58
SD= 0.51
k.A.= 0

The course fulfilled my expectations.



N= 12
M= 1.42
SD= 0.51
k.A.= 0

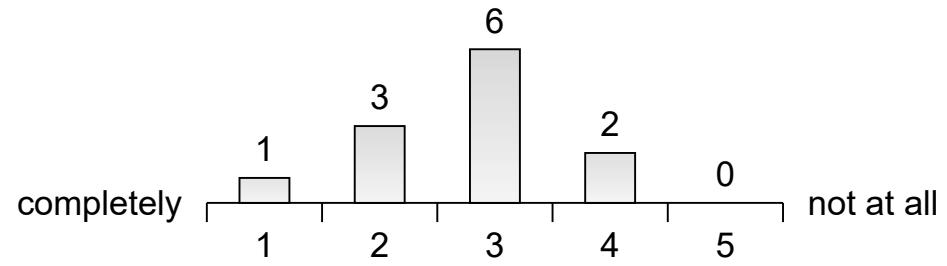
I would recommend the course.



N= 12
M= 1.5
SD= 0.52
k.A.= 0

Overall Assessment

In terms of its quality, this course was as good as the best course I have ever attended.



N= 12
M= 2.75
SD= 0.87
k.A.= 0

Further remarks: I especially appreciated

"The opportunities to ask questions and get useful responses at every turn. Even when one does not end up asking a question, the fact that the possibility even exists usually helps with solving issues, as in order to come up with a phrasing for the question, one has to think about the issue in other terms usually."

"provision of old exams, old lecture videos and lecture notes"

"The professor drinking every 2 seconds"

"Prof. Waldmann is a very enthusiastic person and was able to inspire interest in even the most abstract of topics. His teaching style is very well refined and I was able to follow his lectures really nicely Overall the style of his lecture is fitting to the topic, putting a lot of emphasis on the attendees understanding the proofs and not overwhelming them. The lecture notes are curated and one can follow their content as well as can be expected of a script It was really nice to have to do some of the lecture note proofs as exercises"

"The good pace of the lecture and the printouts to go through the algorithms together in the lecture (DPLL)"

"The lecturer clearly cares a lot about the students and goes out of his way to answer any questions or offer his assistance. - A lot of examples are provided during the lecture, [...]"

Further remarks: I especially appreciated

[...] which makes it easier to grasp complex concepts. - The lecturer reacted very well to unforeseen difficulties (Covid, conferences, weather warning) without making life for the students more difficult."

"I really liked the presentation style of the lecturer, even for the more complex proofs, it was mostly relatively easy to follow."

Further remarks: I did not like

"There isnt anything I particularly disliked"

"I feel like the grading scheme of the exams is a little too strict. The grading of Multiple Choice Questions seems questionable and some tasks have an 'all-or-nothing' policy, which doesn't reward any points to answers that were almost completely correct. - This is not criticism per se, but I have the impression that during the first part of the lecture (in prop. logic), we were asked to do a lot more proofs than now, where we mainly have to apply the concepts/algorithms from the lecture in the exercises. This leaves me a bit confused regarding the focus of the endterm. In general, are there less proofs in the endterm than in the midterm?"

"Not having recordings was unfortunate, as the friday lecture was at the same time as an interesting talk series."

Further remarks: Suggestions for improvements

"More hydration"

"The only thing I could propose (which is not something the lecturer can influence that much) is having proper graded/un-graded sheets. The need to hand in my solutions in a definite motivating factor and the exercise sheets are essential if you do not want to fall behind"

"Maybe more connections of the learned concepts to the usage in the real world."

"If recordings are not possible, it would at least be nice to document somewhere which chapter each lecture was about, such that one can read the correct slides if they miss a lecture."

Comments on the Tutorials

I especially appreciated:

- The allocation of some of the more basic proofs to the exercise sheets felt appropriate. Multiple times when we had a theorem/lemma and I thought “I wonder how the proof for that goes”, the next slide said: “Proof: exercise!”, so at least I usually felt pretty motivated to do those exercises.
- Going through the exercises in small steps with a good amount of explanations. The format and organization worked well.
- The difficulty was just right, it required actually studying the parts one did not fully understand, while not wasting too much time on ones that were already understood.

I did not like:

- Even if the assignments were not graded, since there were no points, it was hard to know how hard each exercise was. If I noticed that my solution was rather complicated, I never knew if I was missing something, or if the exercise was difficult!

Suggestions for improvements:

- Corrected exercise sheets would have been nice (There was no Tutor, I know ...)
- The exercise sheets are very computation heavy, a few more proofs would be nice.
- Add (symbolic) points, such that students know how hard each exercise is supposed to be.