

Lehrevaluation Sprachkommunikation WS 17/18

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February 27, 2018

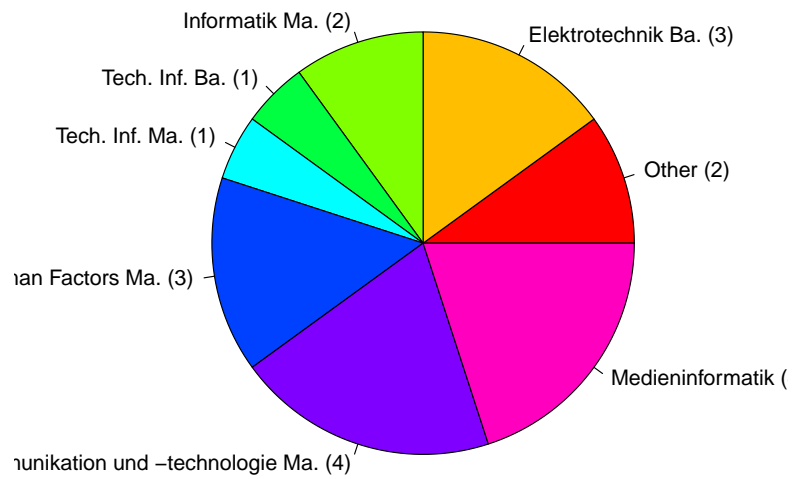
Contents

1	General questions about the course	2
1.1	I am a student of	2
1.2	I attend the course as...	3
1.3	I attend the course...	3
1.4	So far I have completed that much percent of the courses required for my degree...	4
1.5	The required knowledge was...	4
1.6	In did not have knowledge regarding:	5
1.7	The proportion of the appointments I was present is approximately...	5
1.8	I was not always present, because:	5
1.9	The weekly expenditure of time i required for this course in addition to lectures and excercises is approximately...	6
1.10	Compared with other courses this course was...	6
2	Theoretical part / Course	7
2.1	The amount of content to learn in this course was...	7
2.2	The pace of the lecture was...	7
2.3	The course gave me an actual overview of the topic.	8
2.4	The lecturer could raise interest in the topic.	8
2.5	Everything was presented in an understandable way	9
2.6	Interdisciplinary connections were obvious.	9
2.7	Questions were answered in an understandable way.	10
2.8	Examples helped to understand.	10
2.9	The practical relevance of the substance was recognizable.	11
2.10	The use of media (computer presentation, blackboard, slide images) was adequate.	11
3	Practical part	12
3.1	The level of the excercises was...	12
3.2	The excercises built on the lecture.	12
3.3	The excercises helped to understand the subject.	13
3.4	I actively participated in the group work.	13
4	Practical part / Support	14
4.1	The tutor was well skilled in the topic.	14
4.2	Questions were answered by the tutor in an understandable way.	14
5	Practical part / Discussion	15
5.1	Discussions helped to understand the subject.	15
6	Practical part / Independent work	16
6.1	The assessments were understandable.	16

7	Test	17
7.1	I am planning the following time for exam preparation:	17
7.2	For the exams I am learning in a group.	17
8	Course Summary	18
8.1	The presented topics were consistent with the courses description.	18
8.2	The goals of this course were...	18
8.3	They were recognizable/ not recognizable, because:	19
8.4	The accompanying material (book, script, ...) was...	19
8.5	The accompanying material was helpful/ not helpful, because:	19
8.6	The following topics should be discussed more extensively:	19
8.7	The following topics should be discussed less extensively:	19
8.8	I liked particularly:	20
8.9	I disliked particularly:	20
8.10	I believe that the topics are useful for my future study / work.	20
8.11	Further comments or requests:	21
8.12	Following this course, my interest in this subject:	21
8.13	My interest increased/ decreased because:	21
8.14	Compared to other courses the quality of this course was...	22
8.15	I would recommend this course.	22
8.16	I would recommend/ not recommend this course, because:	23
8.17	Further comments:	23
8.18	My overall impression of the course:	23
8.19	Is there something important that was not asked in this survey?	24

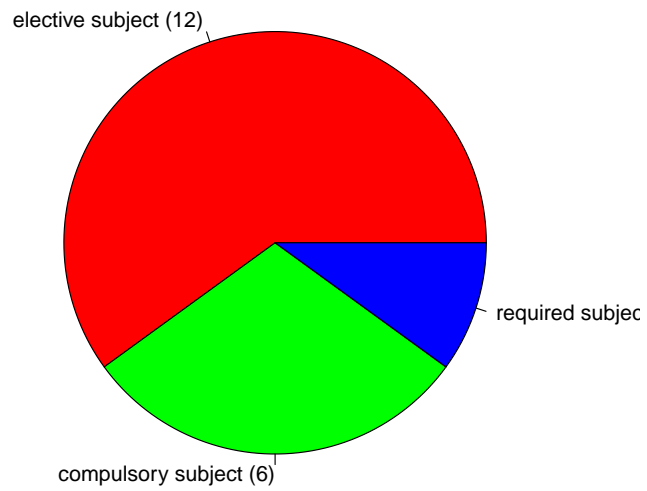
1 General questions about the course

1.1 I am a student of

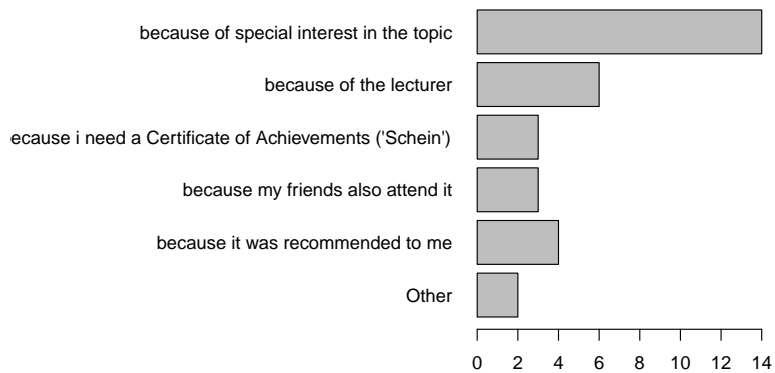


- Wirtschaftsinformatik MSc.
- Human-Computer Interaction & Design

1.2 I attend the course as...

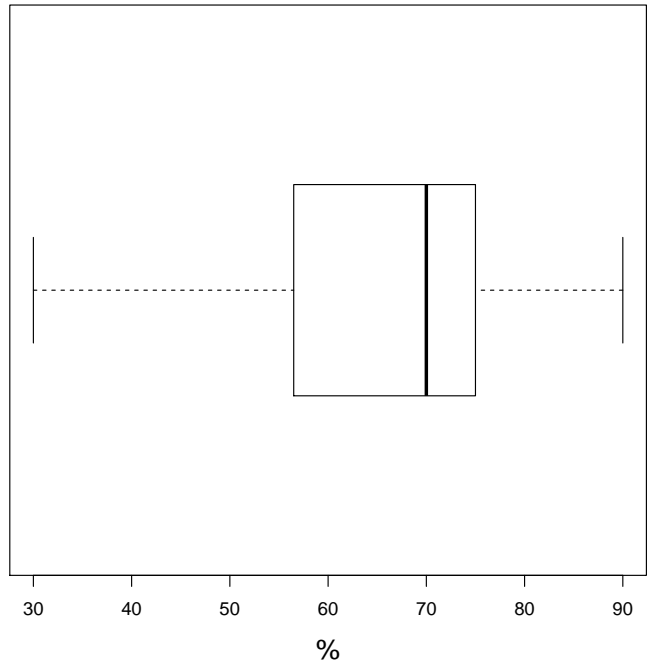


1.3 I attend the course...

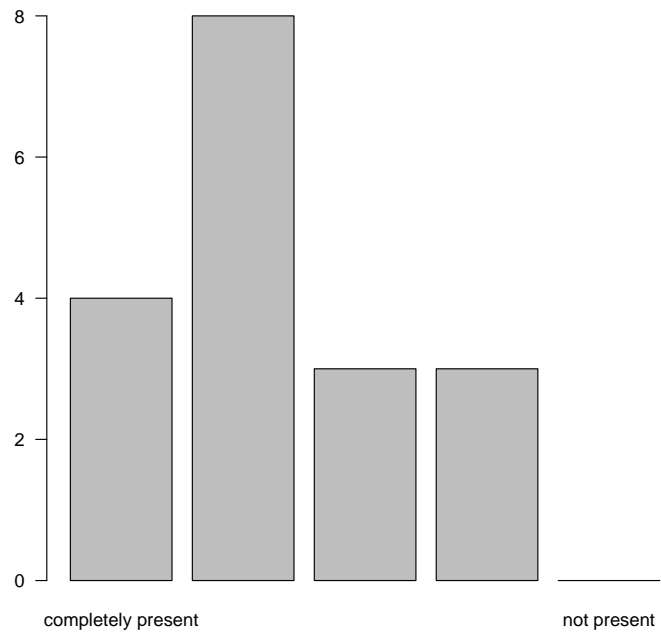


- interest in topic, lecturer and i need the credits!
- because it is mandatory for HCID students

1.4 So far I have completed that much percent of the courses required for my degree...



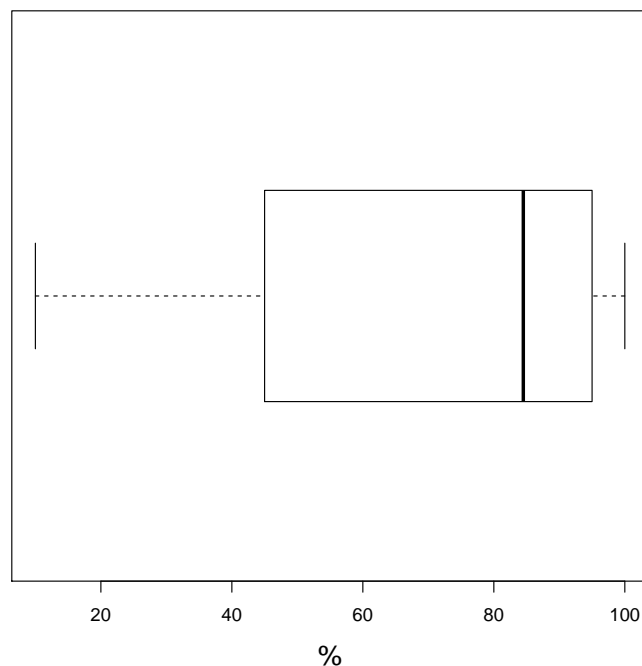
1.5 The required knowledge was...



1.6 In did not have knowledge regarding:

- Signal processing
- Matlab
- The entire course was new in terms of content.
- Speech production, hearing, speech recognition, speech synthesis
- Speech production, auditory systems

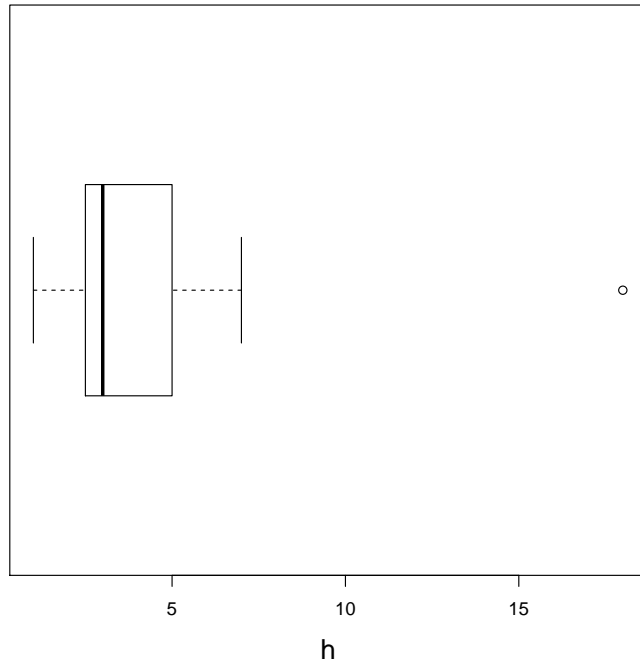
1.7 The proportion of the appointments I was present is approximately...



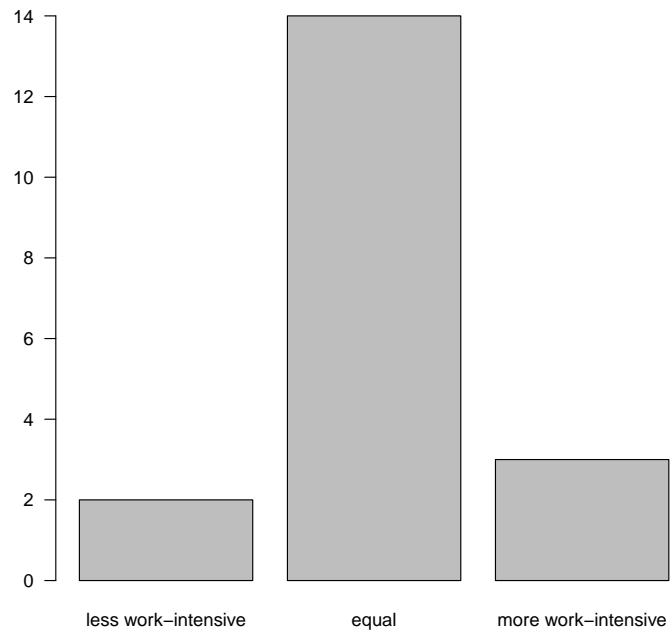
1.8 I was not always present, because:

- At the same time I had other courses.
- I was already familiar with the subject of the lectures I did not attend.
- It didn't always help to attend the exercise
- other courses
- Overlapping appointments.
- the lecture could be watched online which is more effective for me
- Once because of an urgent appointment.
- sickness
- I missed one lecture because I prepared for the written text at the next day.
- schedule conflicts. or overcrowded tutorial sessions.
- I did not enjoy this course nor found it relevant to my field except for partly chapter 8.

1.9 The weekly expenditure of time i required for this course in addition to lectures and exercises is approximately...

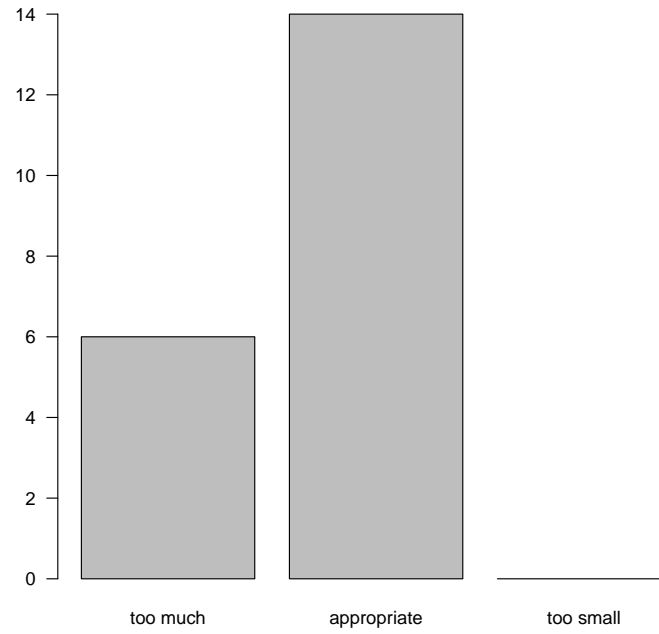


1.10 Compared with other courses this course was...

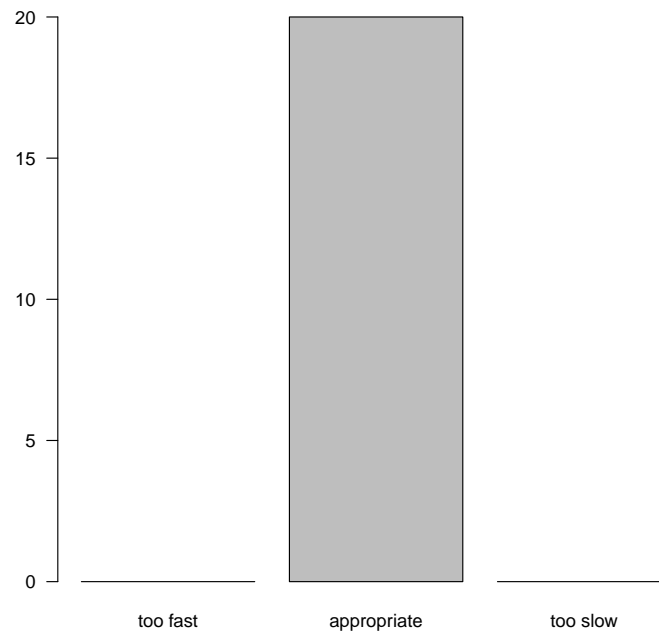


2 Theoretical part / Course

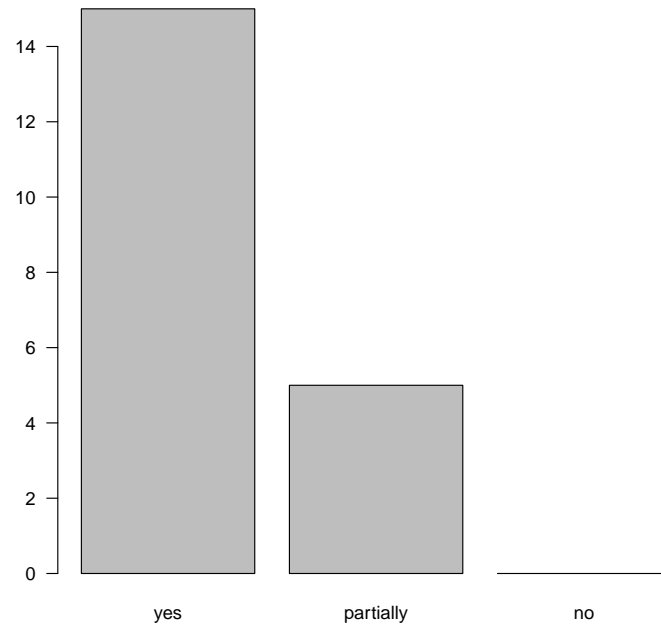
2.1 The amount of content to learn in this course was...



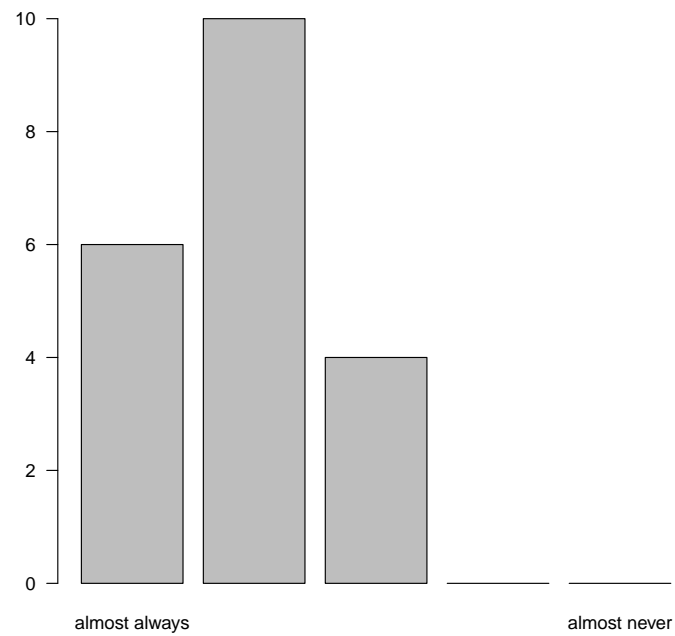
2.2 The pace of the lecture was...



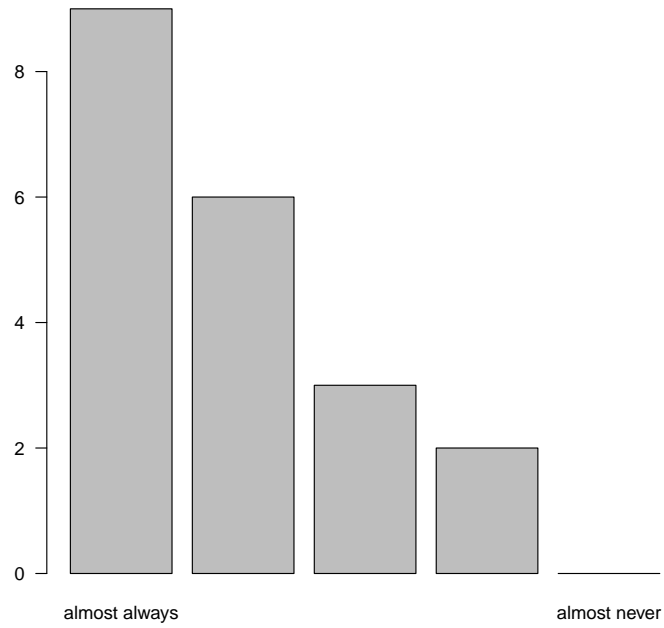
2.3 The course gave me an actual overview of the topic.



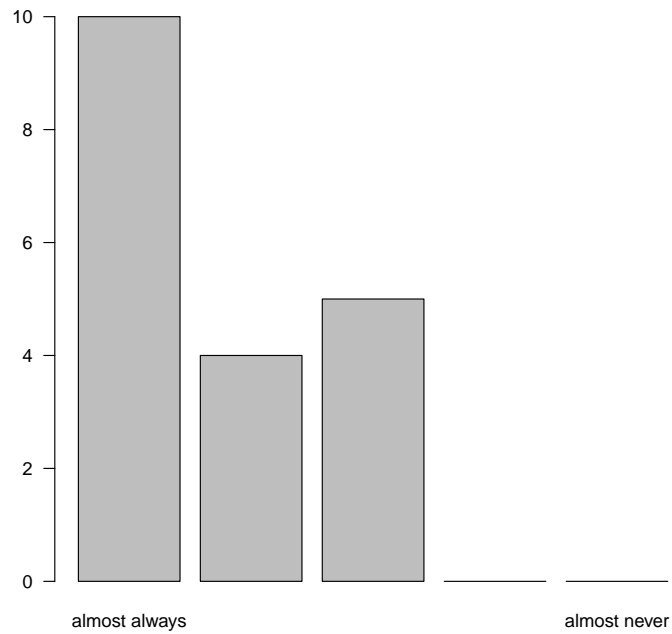
2.4 The lecturer could raise interest in the topic.



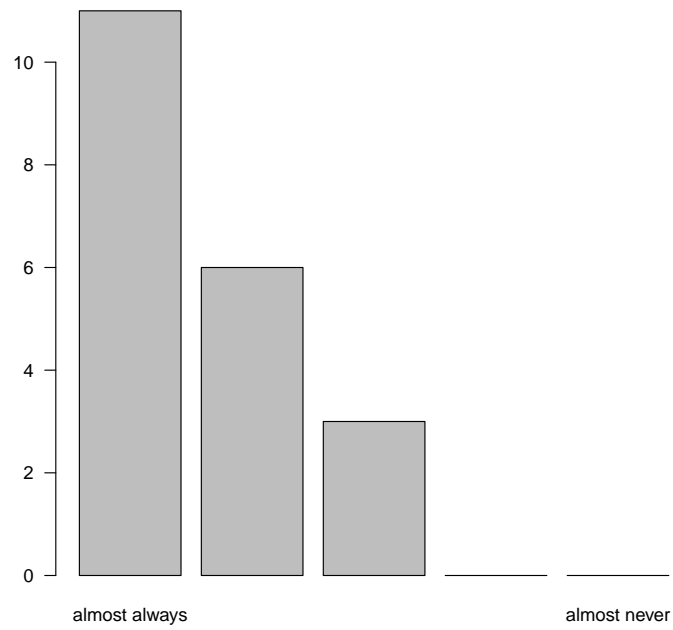
2.5 Everything was presented in an understandable way



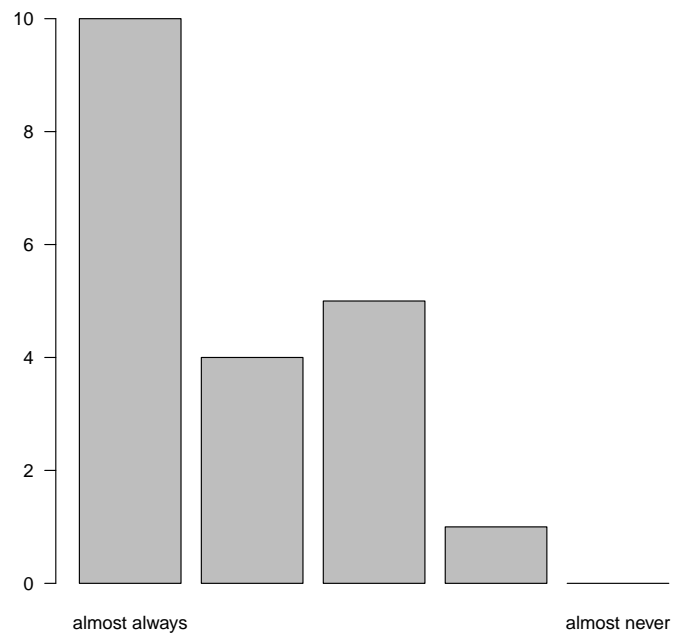
2.6 Interdisciplinary connections were obvious.



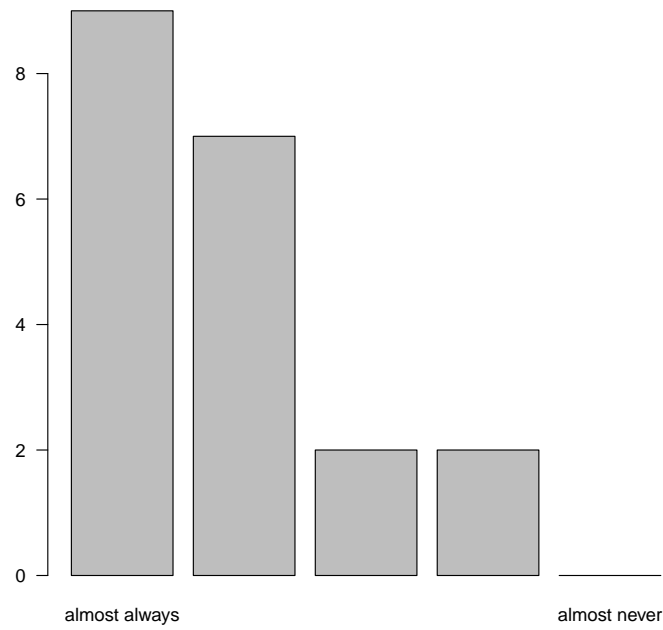
2.7 Questions were answered in an understandable way.



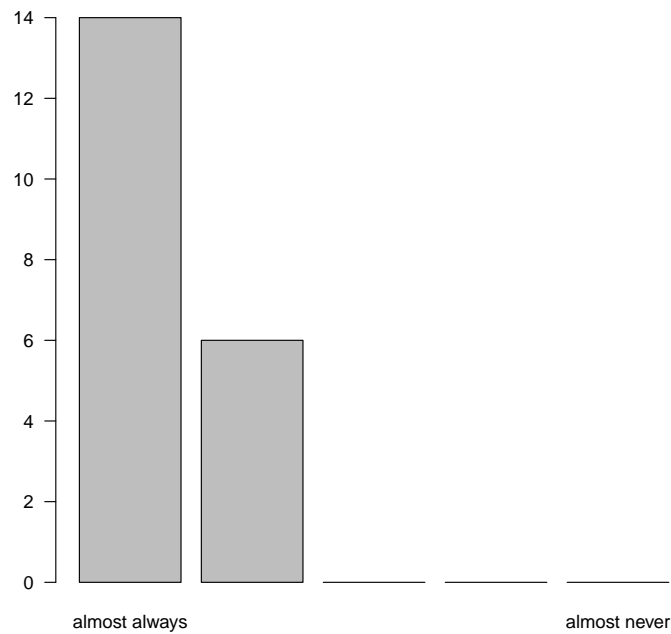
2.8 Examples helped to understand.



2.9 The practical relevance of the substance was recognizable.

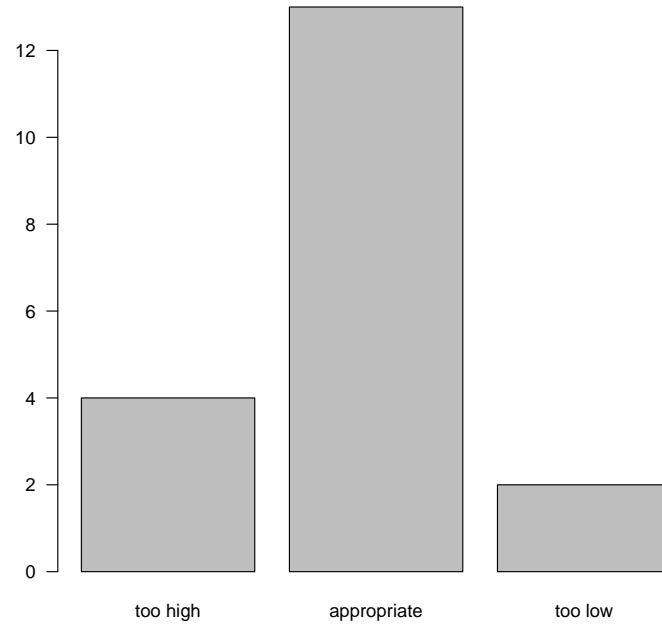


2.10 The use of media (computer presentation, blackboard, slide images) was adequate.

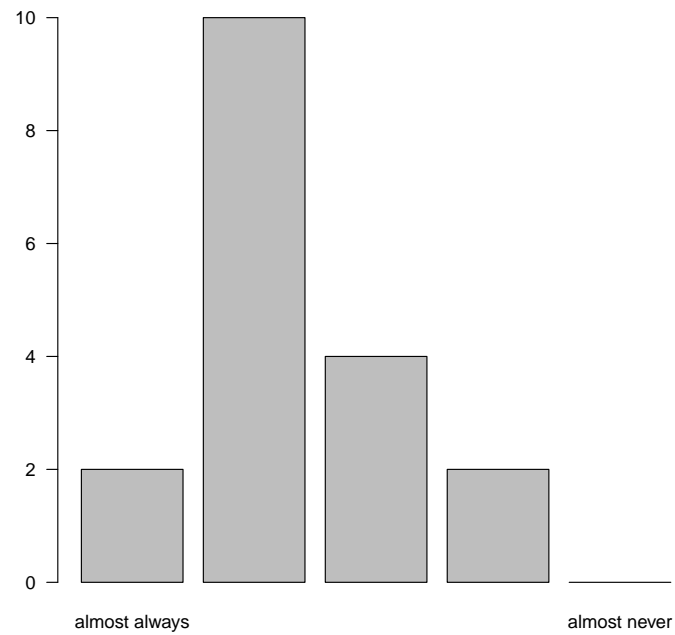


3 Practical part

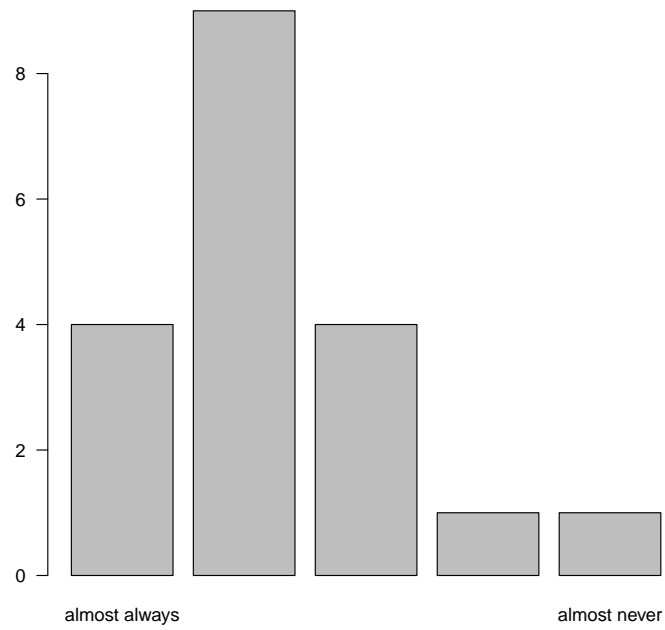
3.1 The level of the exercises was...



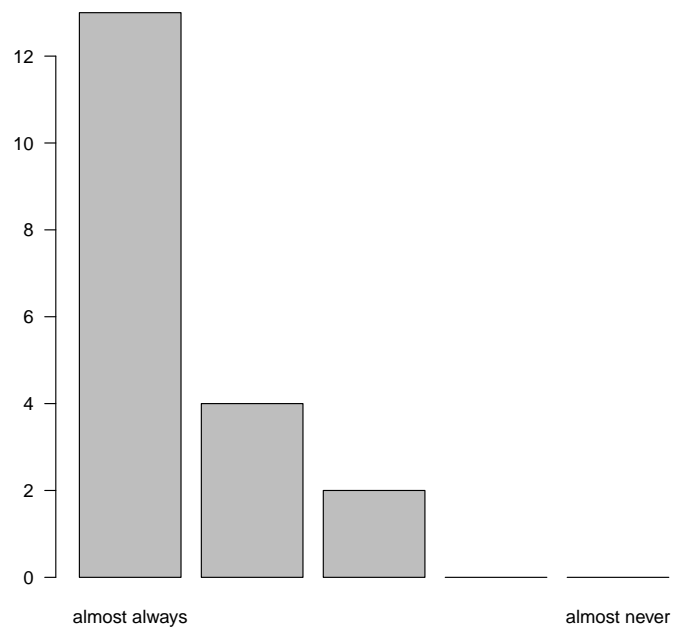
3.2 The exercises built on the lecture.



3.3 The exercises helped to understand the subject.

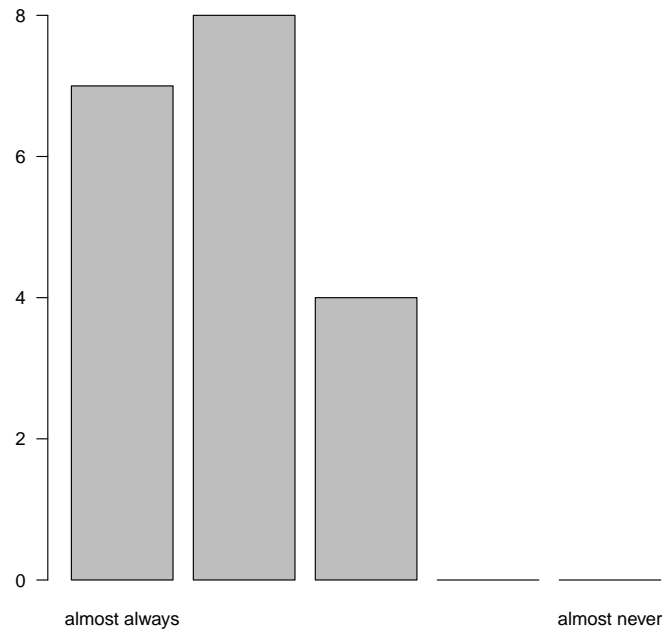


3.4 I actively participated in the group work.

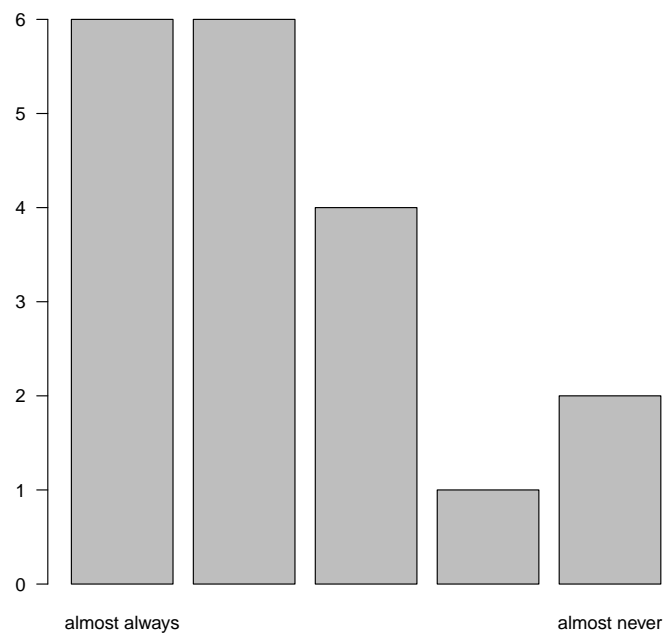


4 Practical part / Support

4.1 The tutor was well skilled in the topic.

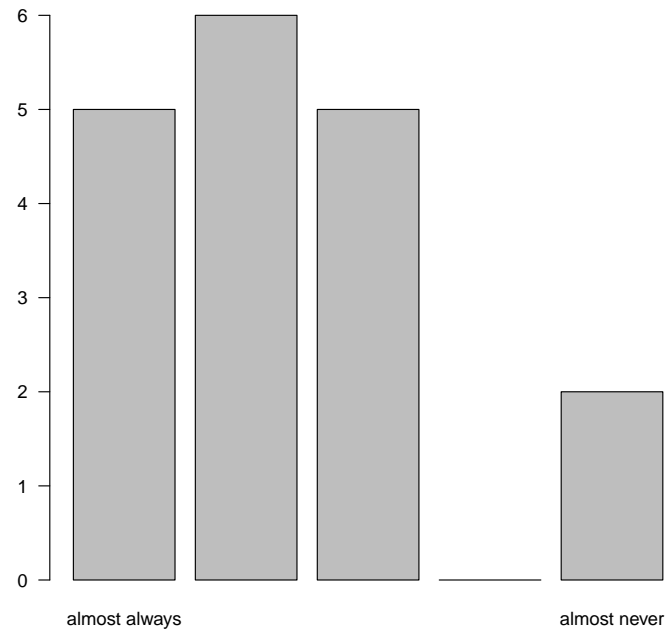


4.2 Questions were answered by the tutor in an understandable way.



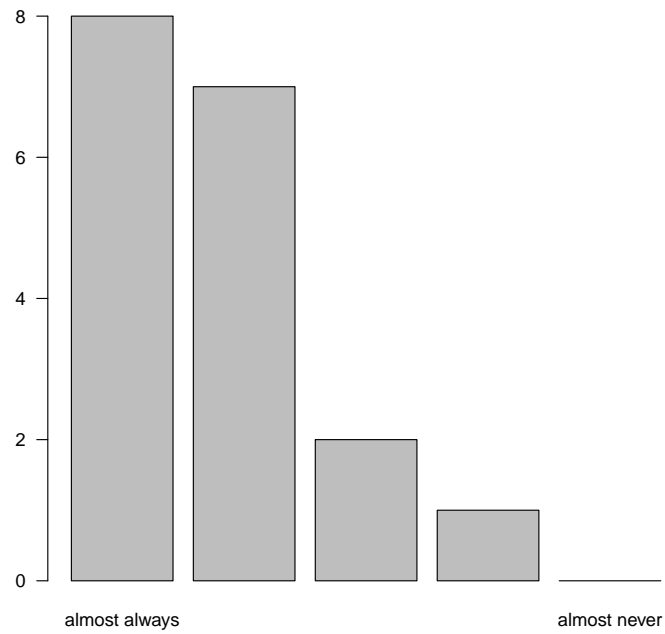
5 Practical part / Discussion

5.1 Discussions helped to understand the subject.



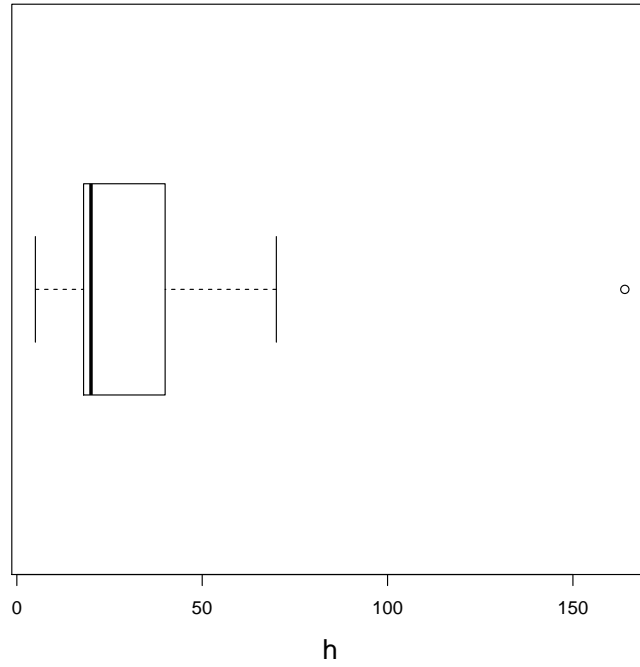
6 Practical part / Independent work

6.1 The assessments were understandable.

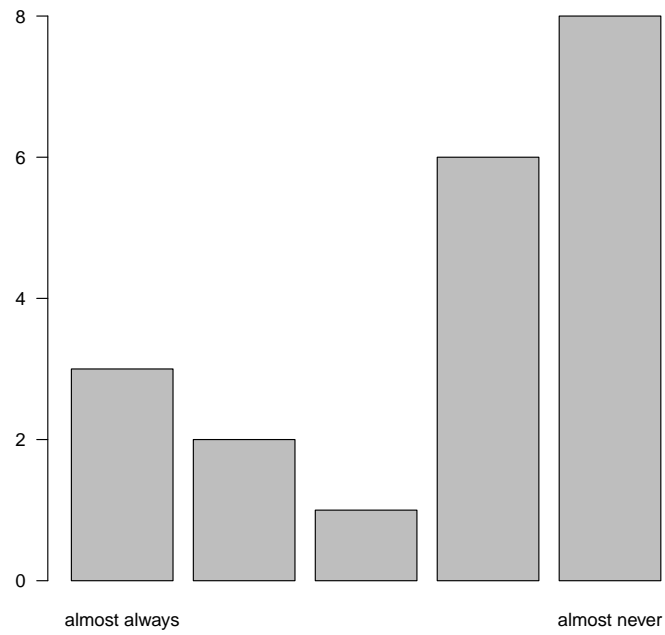


7 Test

7.1 I am planning the following time for exam preparation:

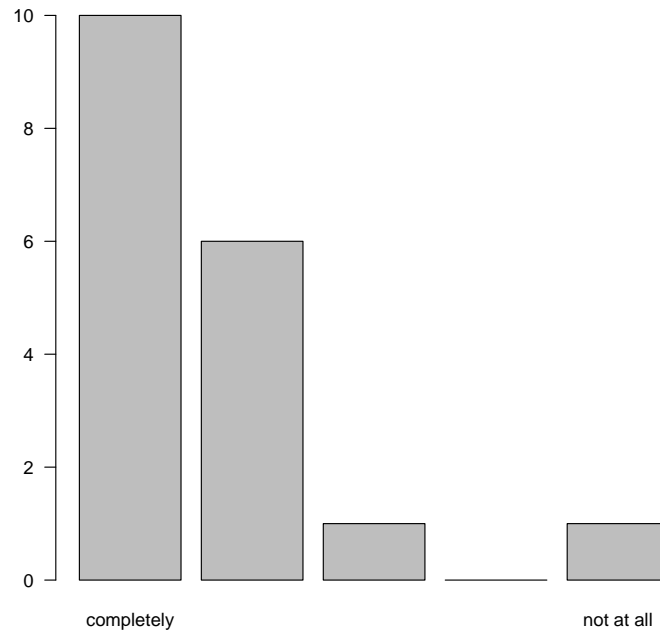


7.2 For the exams I am learning in a group.

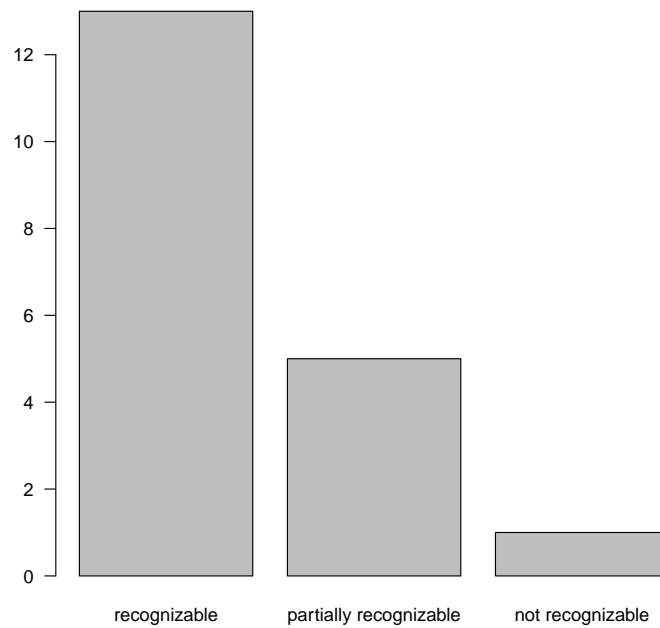


8 Course Summary

8.1 The presented topics were consistent with the courses description.



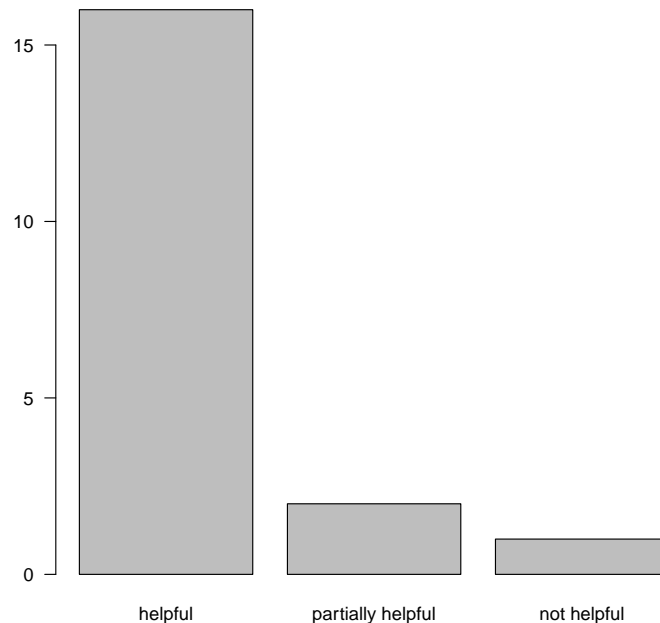
8.2 The goals of this course were...



8.3 They were recognizable/ not recognizable, because:

- The course is obviously targeted as electrical engineers and has very little content that is targeted at people interested in usability and human-computer interaction.

8.4 The accompanying material (book, script, ...) was...



8.5 The accompanying material was helpful/ not helpful, because:

- The textbook was a great help as it had a different way of explaining things.
- de and en videos big plus

8.6 The following topics should be discussed more extensively:

- *No Content*

8.7 The following topics should be discussed less extensively:

- Codecs
- Chapter 2
- Old methods of Speech recognition and and synthesis. Multimodal Systems.
- Chapter 2 and Chapter 6
- Spoken Dialog Systems. No one uses them anymore. Even hotlines called in the lecture were already offline...
- I don't think topics should be discussed less extensively, but I don't think there is enough HCID-related content in this course and if there were, I would rather have it in a separate course that does not require me to go through the whole engineering process of speech communication in such a detail.

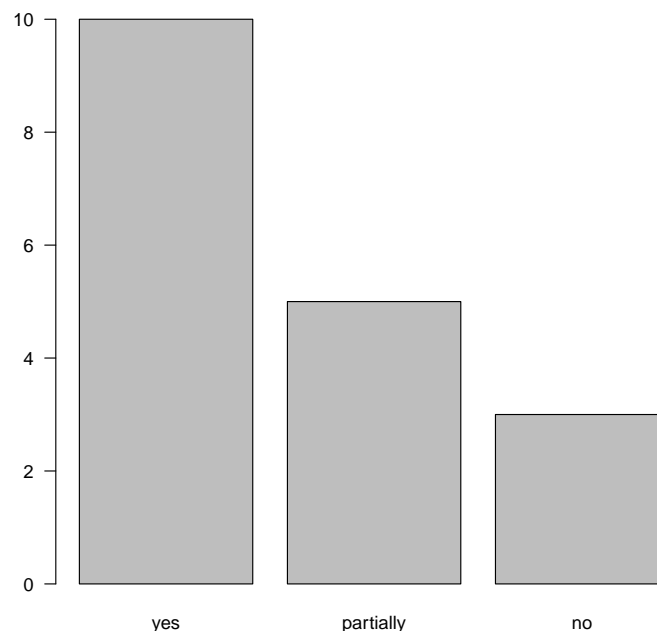
8.8 I liked particularly:

- SDS
- Chapter 7
- The video online
- Chapter 5, 4 and 7
- Speech synthesis and topics connected to ML in SpeechComm
- The teacher is very competent and the quality of the lectures was good.

8.9 I disliked particularly:

- The too intense mathematic Too little info about what to know for the written test
- Chapter 2 and 6
- Spoken Dialog System project. This is just stupid and the software we have to use is shit. Whoever programmed this should feel bad.
- I disliked that 90% of the course covers engineering practices rather than design or usability practices and that this is still a required course for HCID, which is a programme for students who aim at becoming usability experts, interaction designers, UX/UI designers, UX researchers.
- The SDS group work

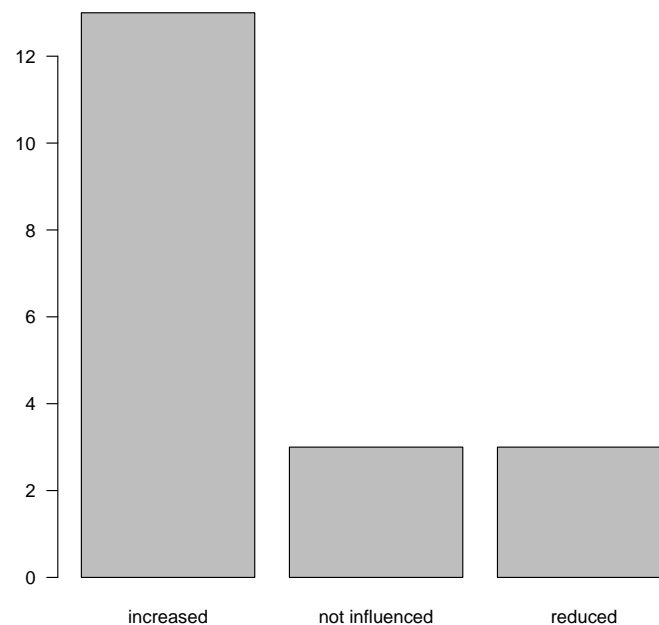
8.10 I believe that the topics are useful for my future study / work.



8.11 Further comments or requests:

- Please change the room for the exercises (noisy, hard to understand tutor).
- * I liked the kahoots.* The homework assignments had a great learning effect.
- Please offer more explanation during Matlab excersises and don't assume all students will work it out for themselves using the answers. Anyone who had no trouble with the real excersises didn't need the introductory sessions at the beginning of the semester; that was too easy. Anyone who doesn't study computer science needs more input from the tutor about the individual steps to be implemented. I would recommend more regular stops and group discussions. People should be made to contribute their ideas and solutions found together. It isn't helpful to just write the solution on the screen.
- Beamforming and Multi-Microphone Processing. Current methods of speech synthesis (google wavenet). Less overview of many topics, but more specifics of certain topics.
- Dont do the SDS project again. It's like telling a prisoner to torture himself on gunpoint. Isn't it enough that some companies still use this tool?
- i would like to further my studies in this field

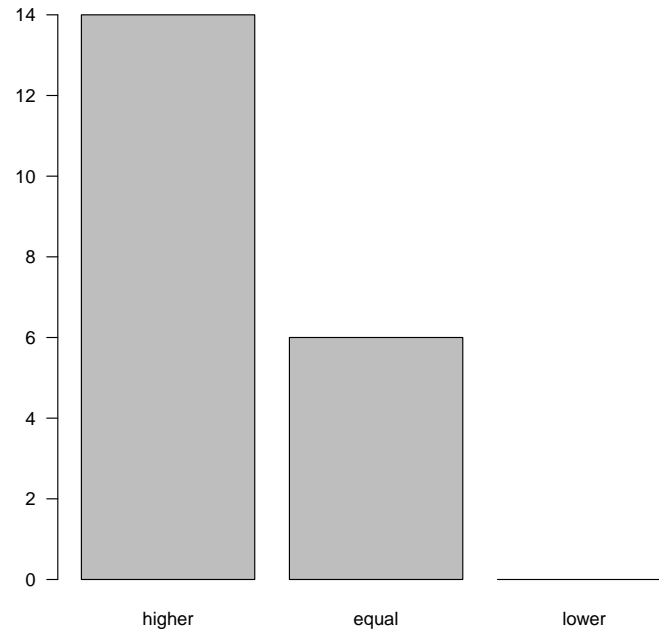
8.12 Following this course, my interest in this subject:



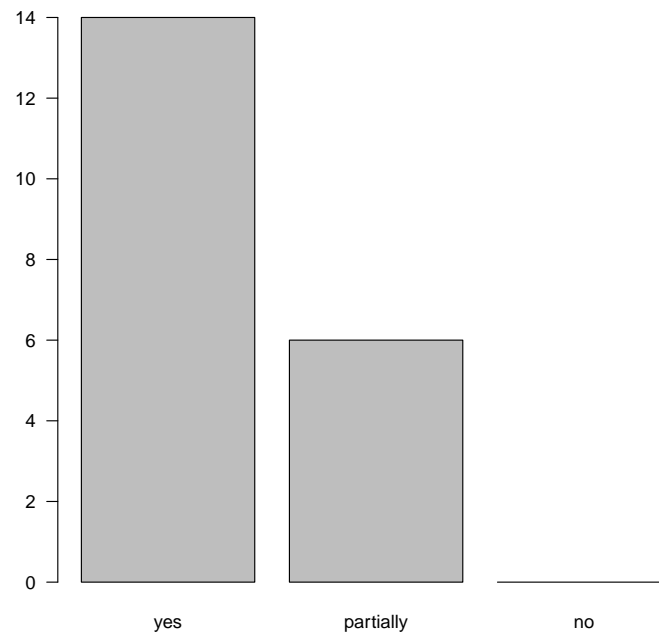
8.13 My interest increased/ decreased because:

- i understand things, which had been a Black box for me before
- SDS
- it combines different fields of science in an interesting and complex way
- Because it was entirely different from my expectations.

8.14 Compared to other courses the quality of this course was...



8.15 I would recommend this course.



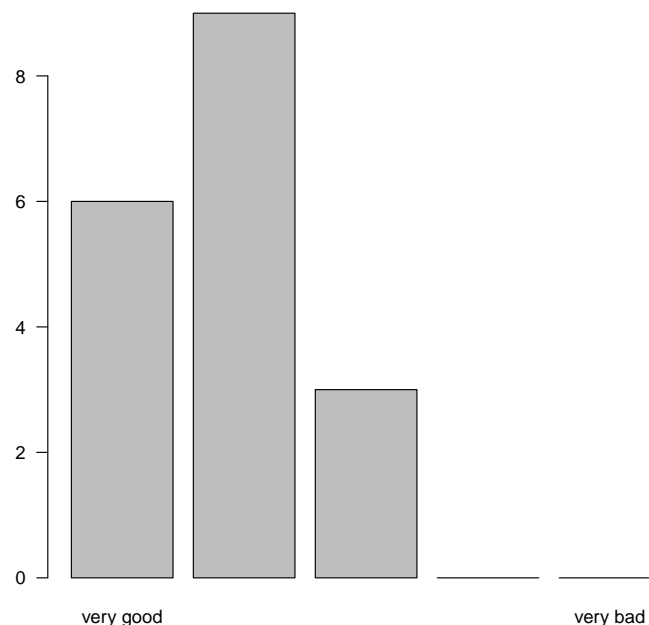
8.16 I would recommend/ not recommend this course, because:

- I would recommend this course for all students with interest in audio signal processing.
- When you interested in the Topic, you get the clear picture of all imported aspects
- Dialog System exercise seems to be created in a different century. Exercise room is always too full, you have to sit on the floor if you want to join.
- Well delivered, well structured accurate and interesting.
- not recommend because of SDS project
- I would recommend it to anyone interested in acoustics and speech communication. I would not recommend it to anyone interested in HCID nor multimodal interaction.

8.17 Further comments:

- The lecture included a break, this fact helped me a lot. What did not help was the fact, that usually the lecture was longer than the intended 90min. It started at 10.00 had a 5-7min break and usually ended at 11:55. This led to very short lunch break or students leaving earlier.
- Prof. Möller's lecture style is good! Kahoots are appreciated. Unfortunately half of the topics are a repetition from standard DSP courses and some important new and specific topics from speech communication (multi-microphone processing, echo cancellation... everything that's inside a modern conference phone) are missing.
- I think that the quality of the teaching for this course was much higher than any other course at TUB, Prof. Moeller is obviously very skilled and knowledgeable about the topic. But there is a severe lack of HCID culture at the university.

8.18 My overall impression of the course:



8.19 Is there something important that was not asked in this survey?

- Overall this was a very well structured course, but please consider following improvement suggestion: The choice for the open study room in the Telekom building was absolutely not well suited to hold the exercise. Many students had to sit on the floor, it was very loud and very annoying that other students, not participating the exercise, walked in and out. I would highly recommend to choose another room for the exercises in the future.
- "Is this course relevant to your subject of studies?" "Did this course teach you any skills relevant to your field of studies?" "Did the knowledge gained from this course contribute to your future career goals?"
- I'd like to point out that the fact that we had to use software for the SDS group assignment that was not provided by the university made me unhappy, in particular because in addition to it not being available on the university computers: a) in order to get the software from the provider one had to give them a ridiculous amount of personal information (including real name, street address and phone number), which is something that you should not be required to do just in order to get software needed for the course, and b) the software also did not work on the university computers, and most of the members of my group at least had trouble running it at their machines at home (particularly on Linux and Mac).