

# Lehrevaluation Speech Communication WS 19/20

Weiss, Mittag, Michael

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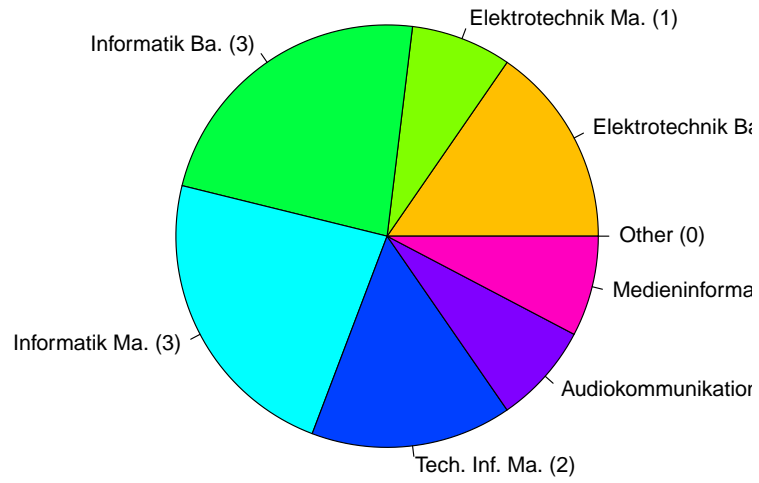
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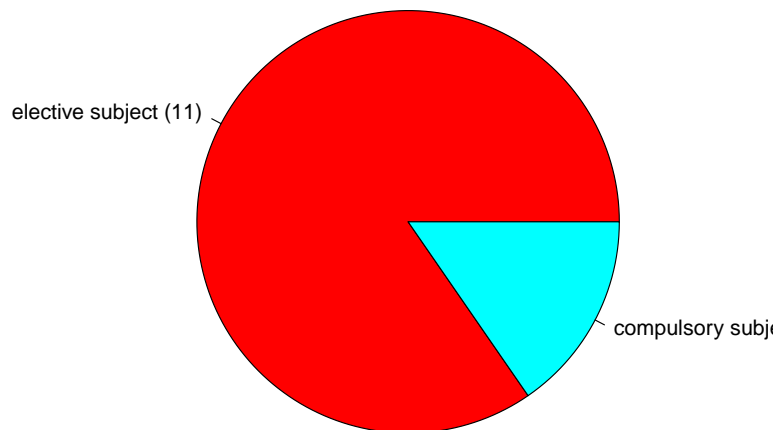
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# 1 General questions about the course

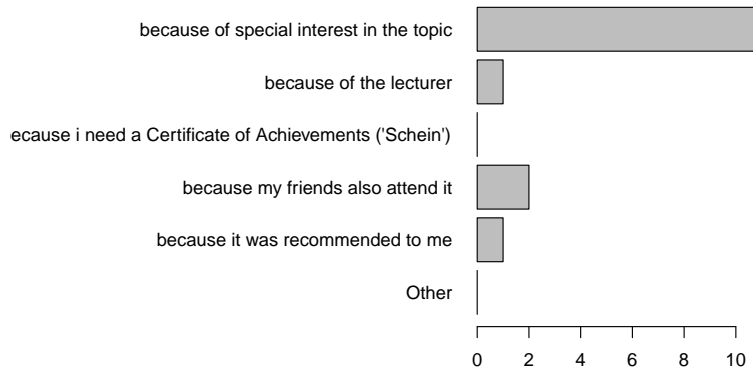
## 1.1 I am a student of



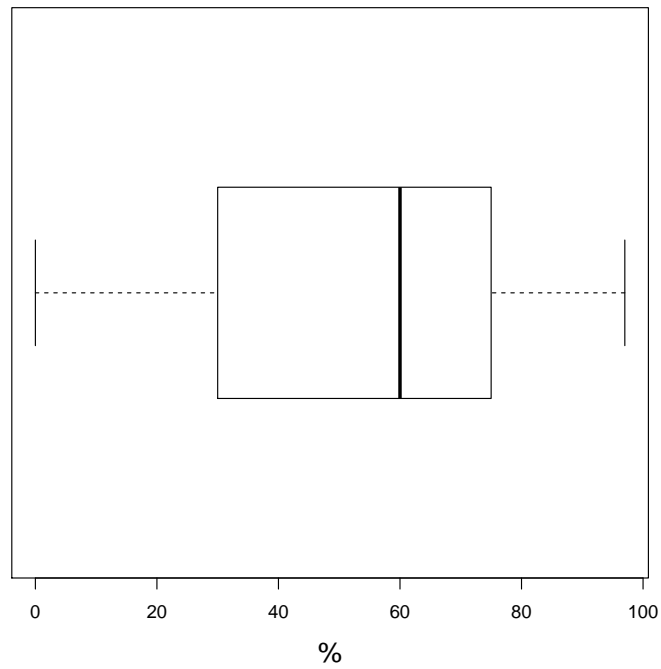
## 1.2 I attend the course as...



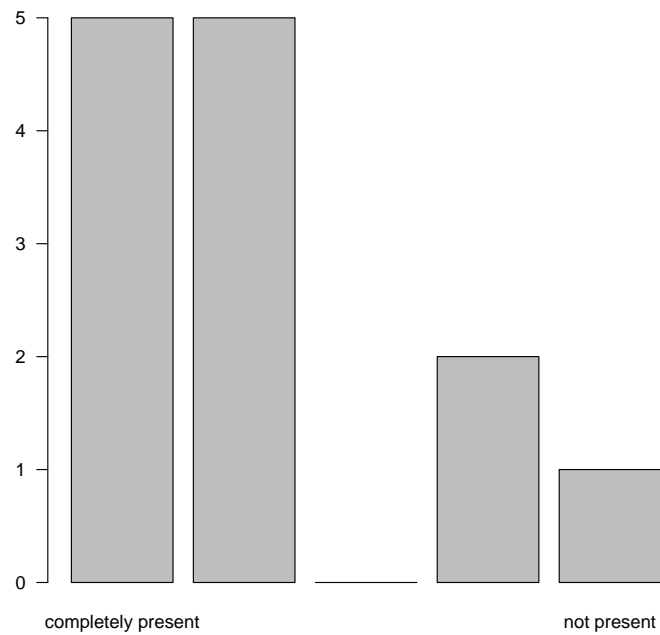
### 1.3 I attend the course...



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



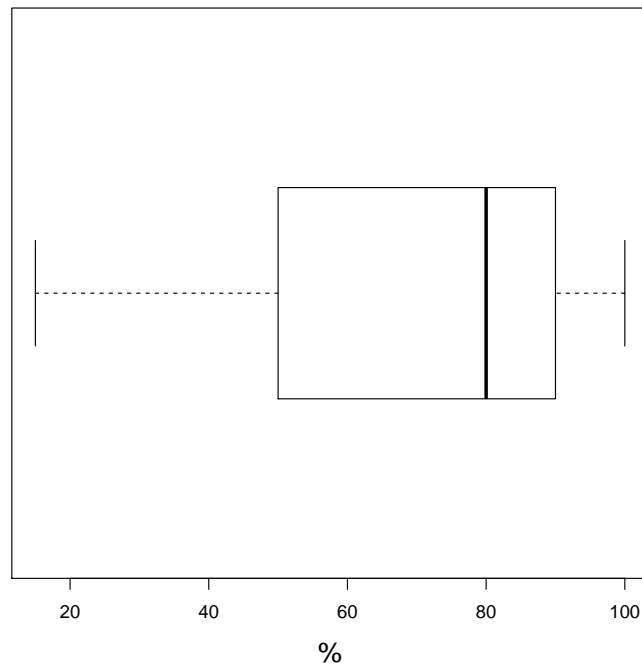
## 1.5 The required knowledge was...



## 1.6 I did not have knowledge regarding:

- - most of the math stuff
- How important the Fourier Transformation would be in the mid term exam
- speech or signal processing
- Dialogflow, Matlab, Speech Signal analysis

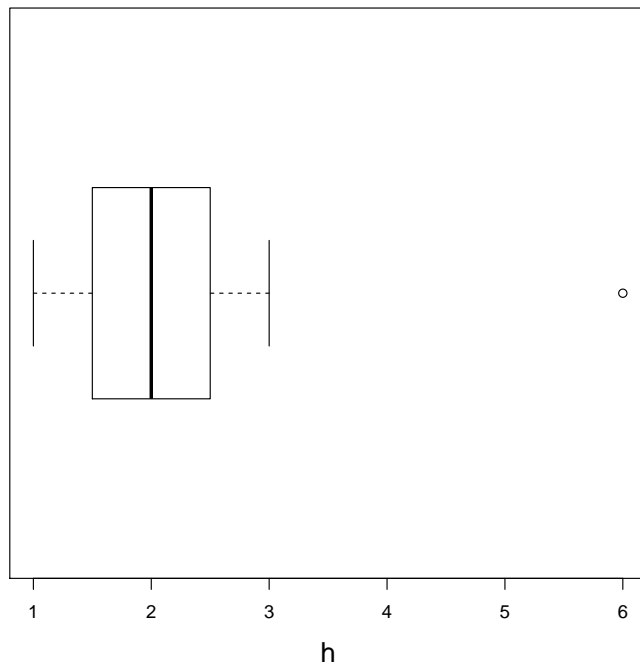
### 1.7 The proportion of the appointments I was present is approximately...



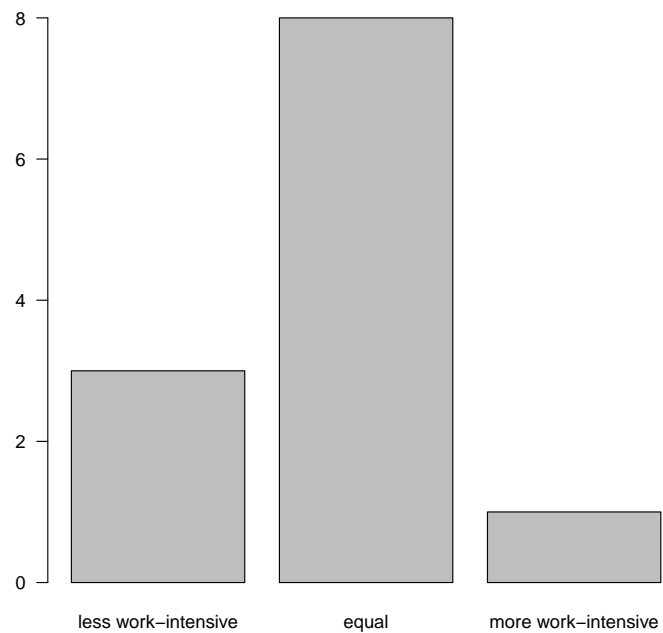
### 1.8 I was not always present, because:

- I wasn't present on the day of the first written test, because I wanted to use the last hours before the test to focus on the test.
- - the problems with the beamer in the first weeks- the video recordings of the lecture from a past semester are an adequate replacement
- - very boring lecture (but extremely interesting topic)
- ...parallel zur Übung eine andere Vorlesung war.
- ill / exam
- I find it not much to do with the lecture notes, and can not really catch the structure of the slides.
- sick
- I was ill, I had to learn for exams or I had other meetings during the lecture.
- The lecture wasn't always that helpful. Also the offer of VOD-style lectures really helps

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

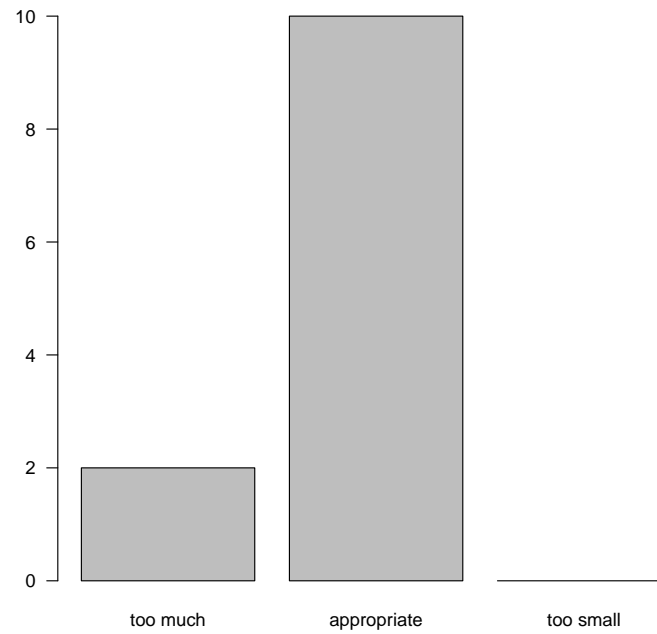


**1.10 Compared with other courses this course was...**

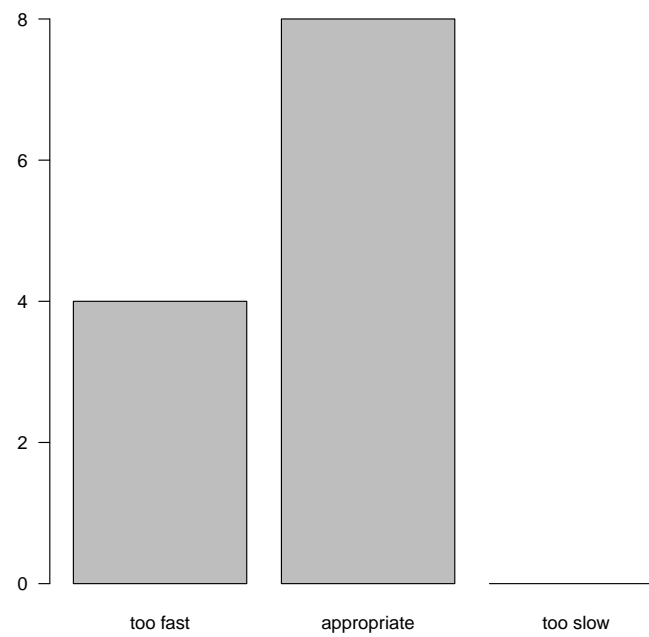


## 2 Theoretical part / Course

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

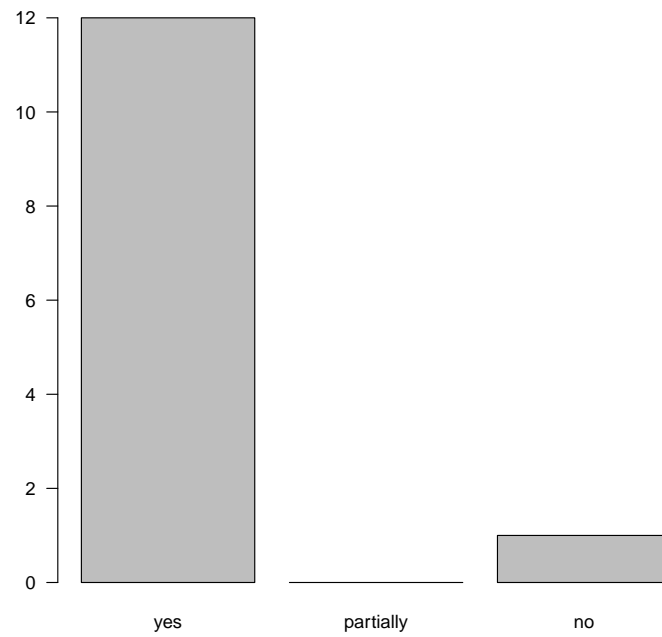


### 2.2 The pace of the lecture was...

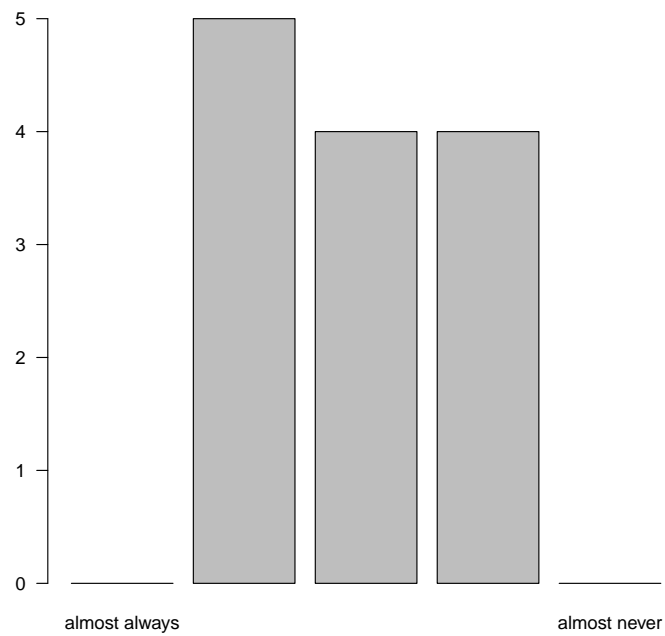




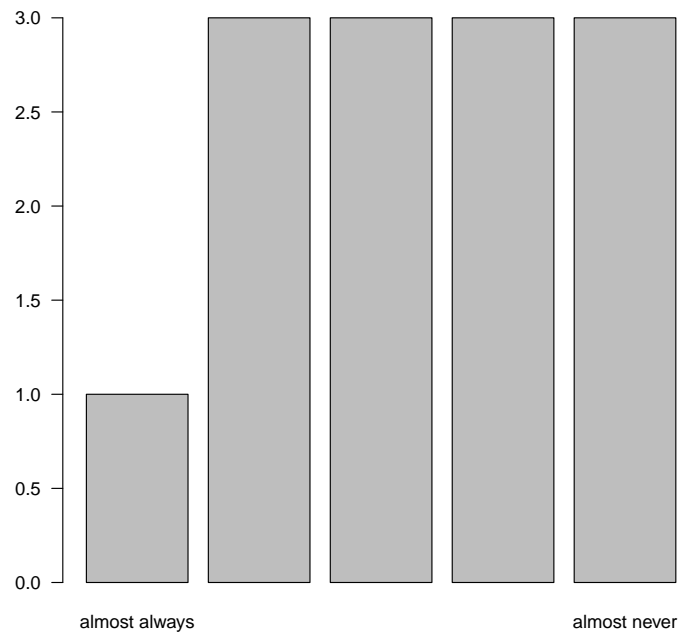
### 2.3 The course gave me an actual overview of the topic.



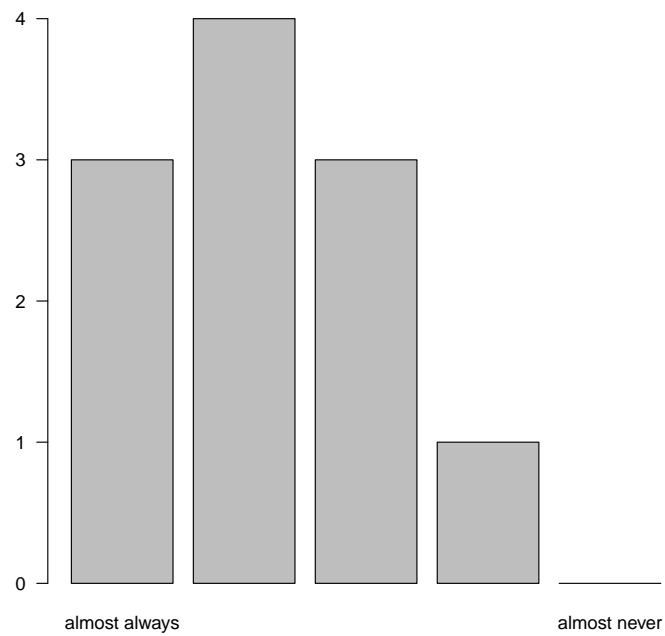
### 2.4 The lecturer could raise interest in the topic.



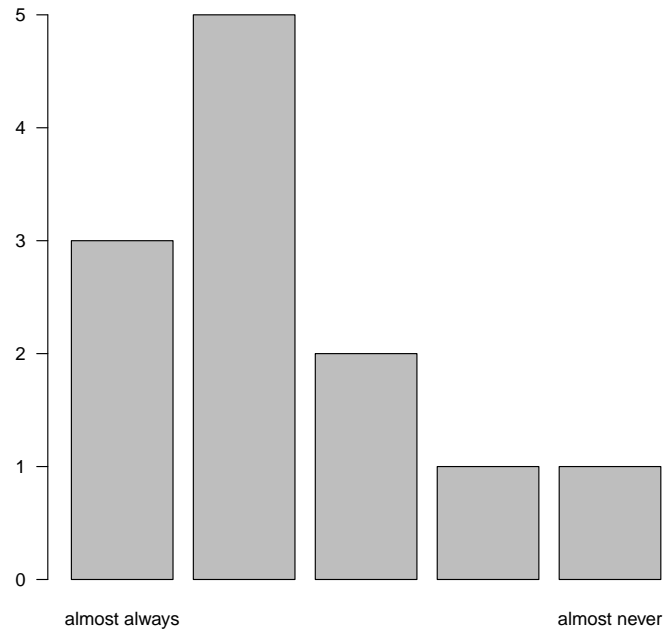
## 2.5 Everything was presented in an understandable way



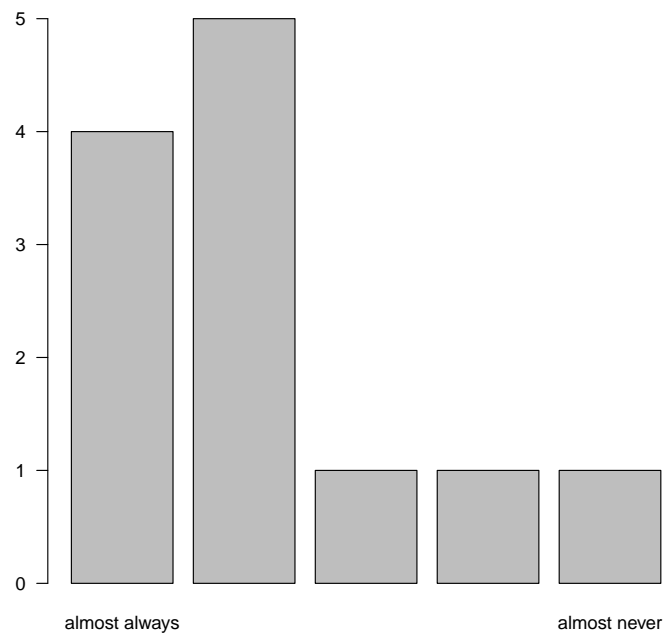
## 2.6 Interdisciplinary connections were obvious.



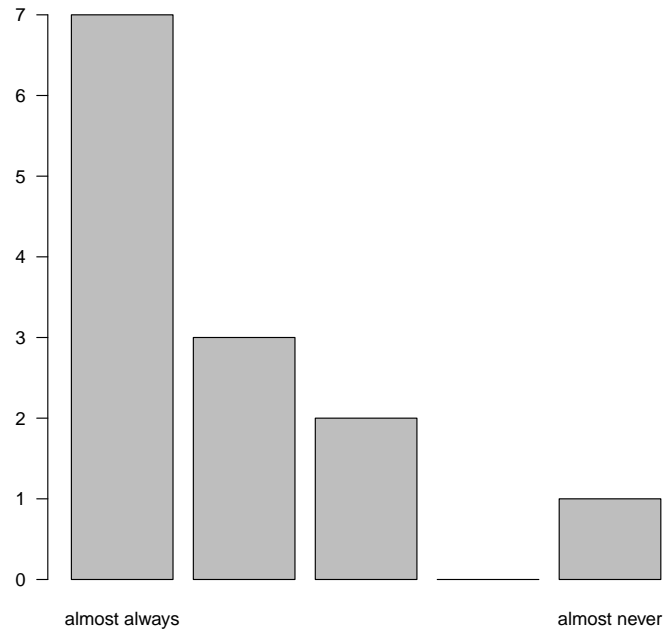
**2.7 Questions were answered in an understandable way.**



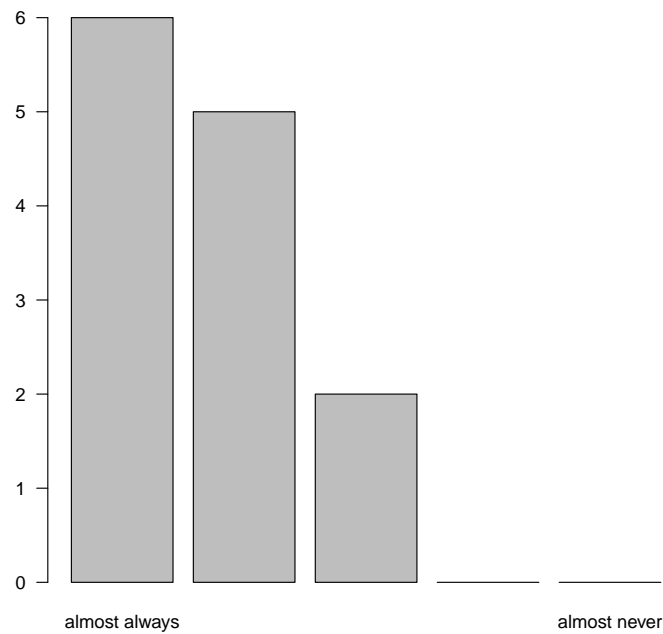
**2.8 Examples helped to understand.**



**2.9 The practical relevance of the substance was recognizable.**

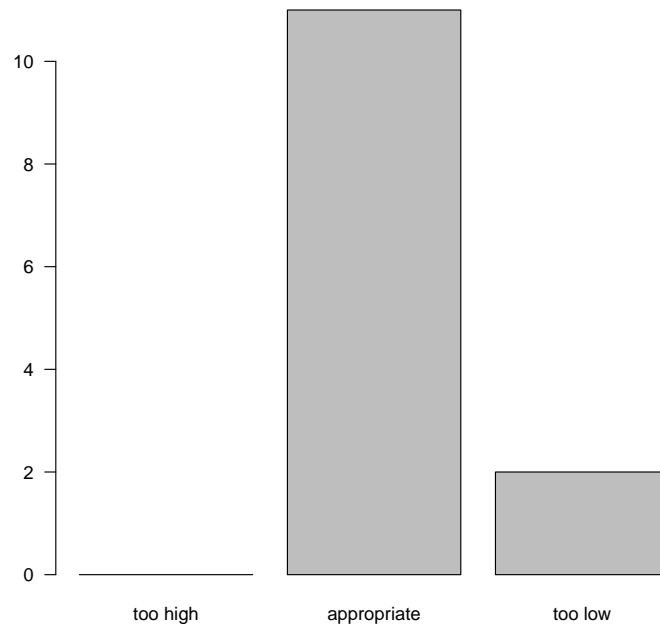


**2.10 The use of media (computer presentation, blackboard, slide images) was adequate.**

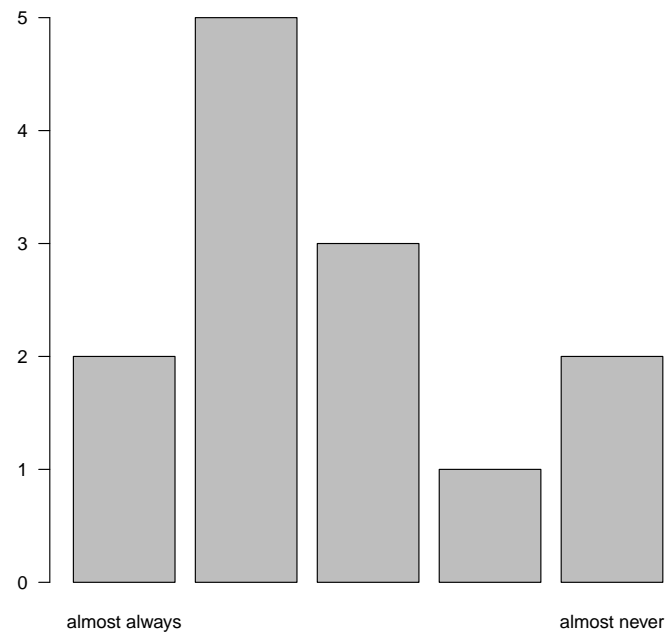


### 3 Practical part

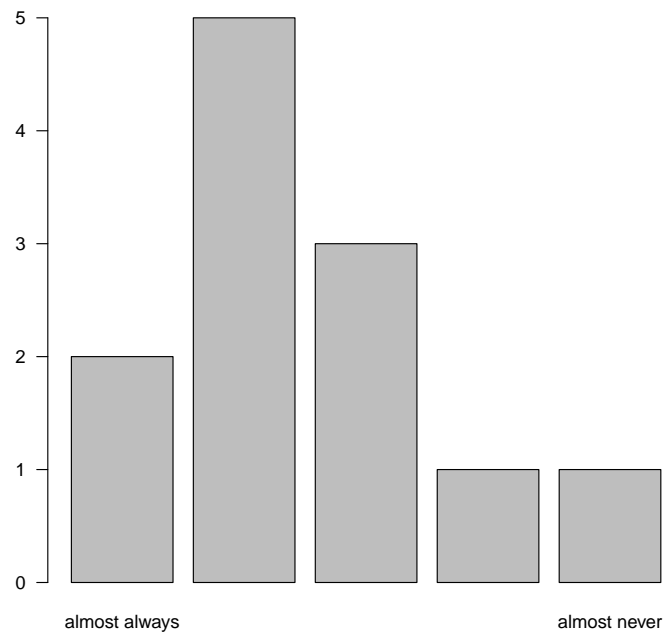
#### 3.1 The level of the exercises was...



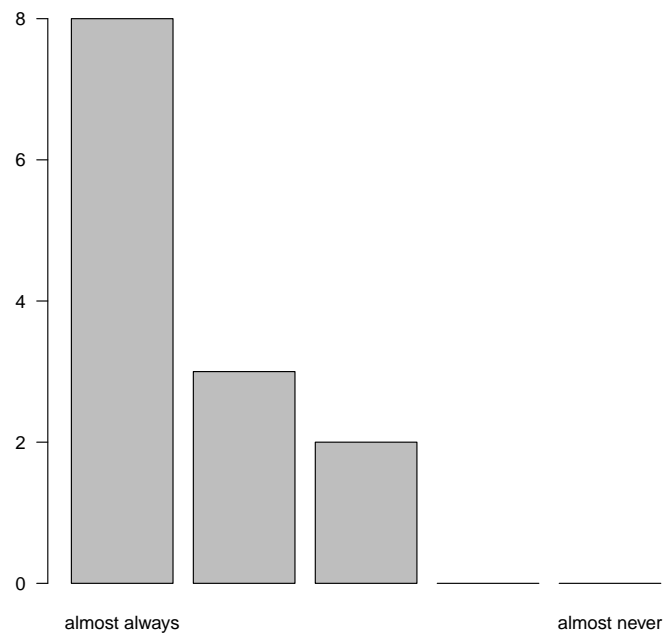
#### 3.2 The exercises built on the lecture.



### 3.3 The exercises helped to understand the subject.

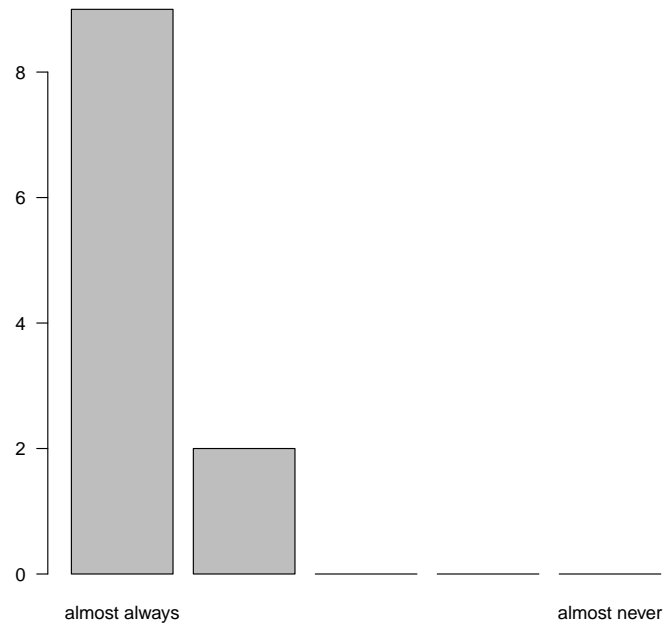


### 3.4 I actively participated in the group work.

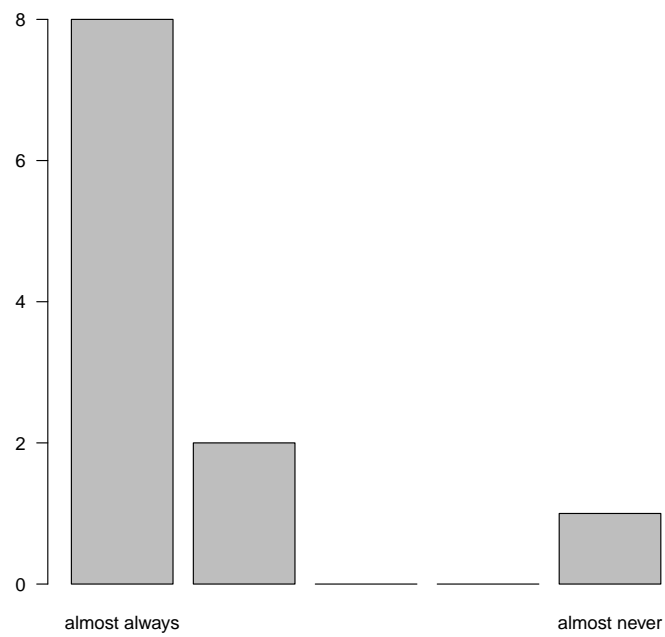


## 4 Practical part / Support

### 4.1 The tutor was well skilled in the topic.

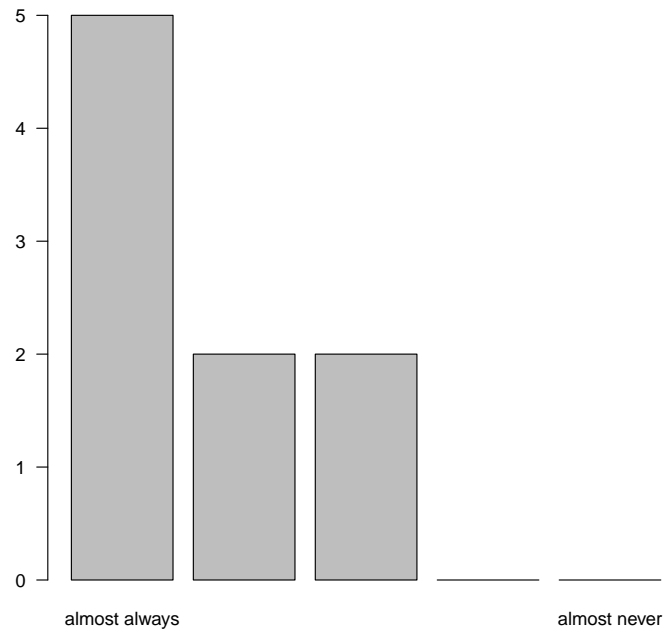


### 4.2 Questions were answered by the tutor in an understandable way.



## 5 Practical part / Discussion

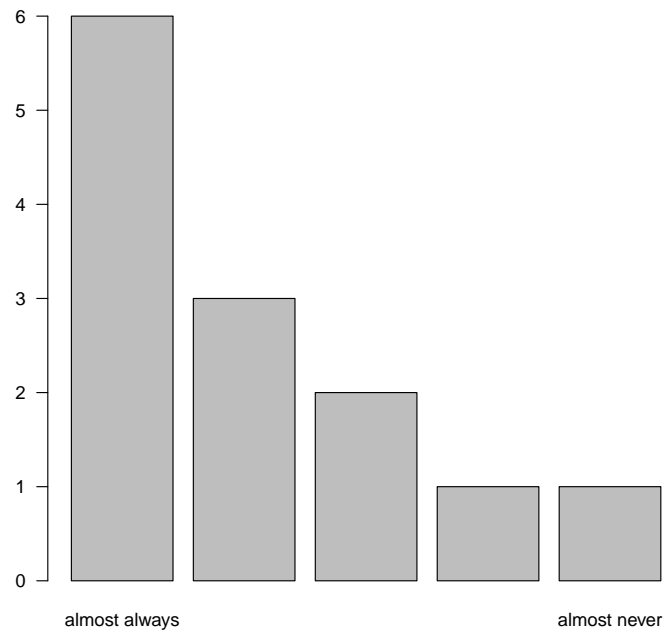
### 5.1 Discussions helped to understand the subject.





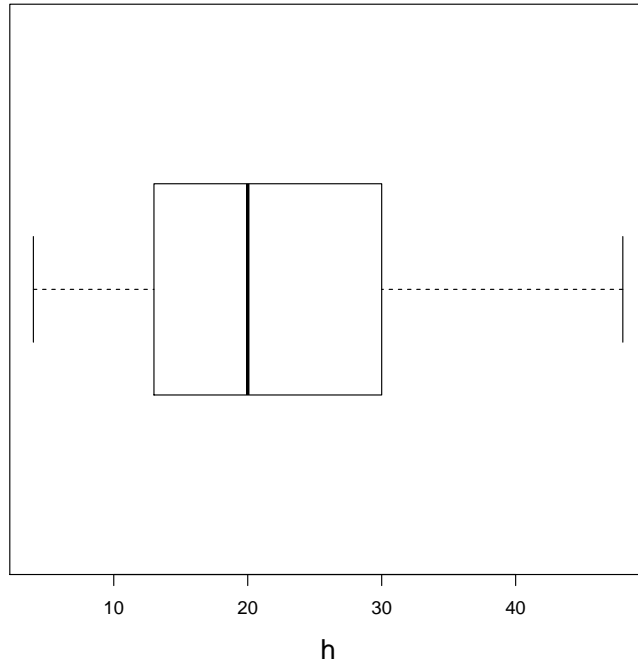
## 6 Practical part / Independent work

### 6.1 The assessments were understandable.

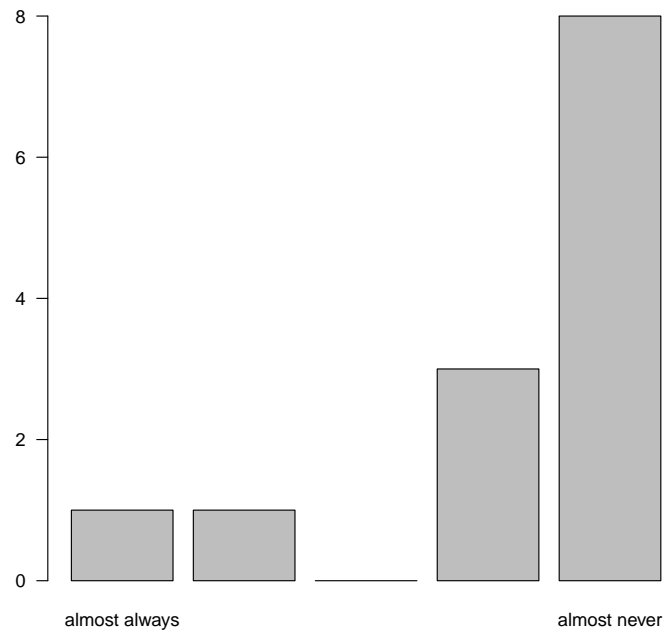


## 7 Test

7.1 I am planning the following time for exam preparation:

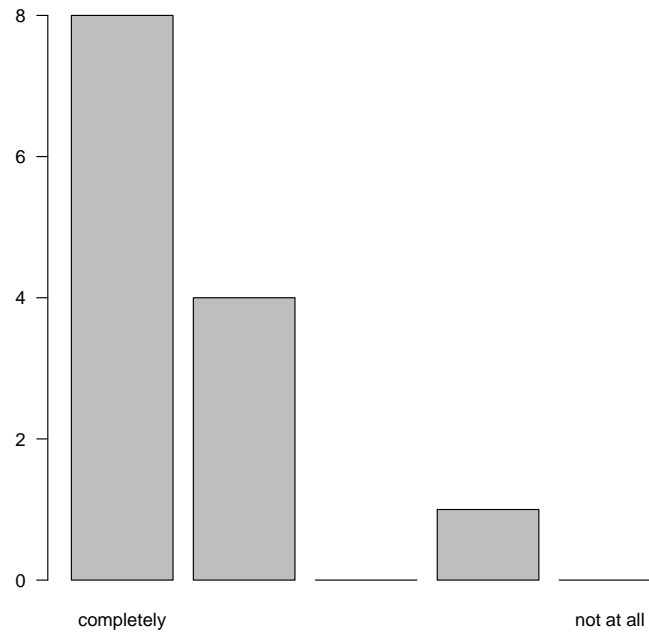


7.2 For the exams I am learning in a group.

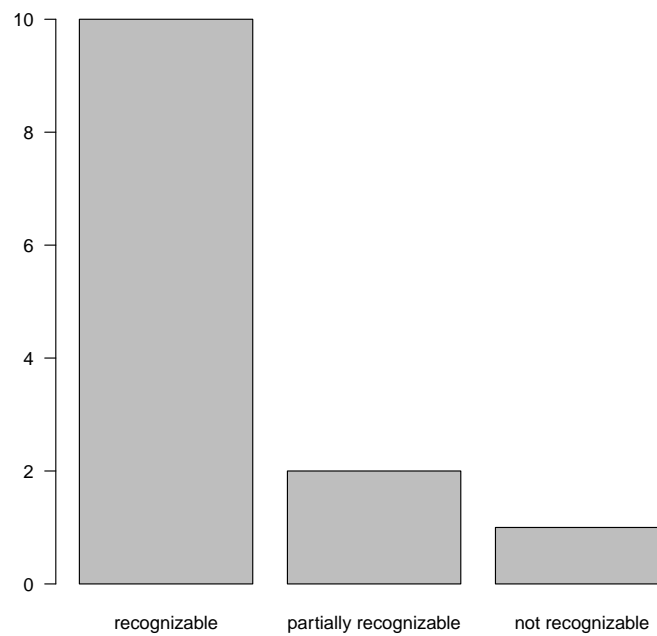


## 8 Course Summary

8.1 The presented topics were consistent with the courses description.



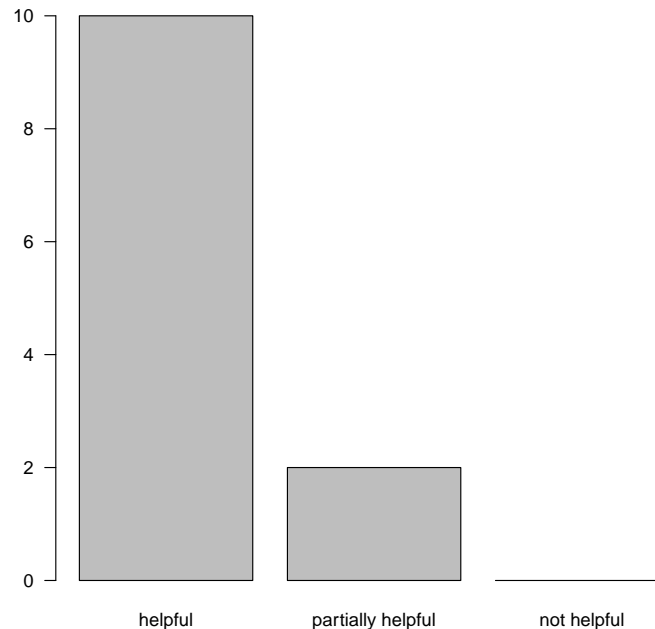
8.2 The goals of this course were...



### 8.3 They were recognizable/ not recognizable, because:

- *No Content*

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



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

- - the english script was not of a great quality; the phrasing was weird in many places and a lot of formulas/images are glitched. - considering the lecture is held in english, the german script is not very helpful because the technical terms are different. It is hard to make the connection between one's knowledge and the new terms. That being said, I think the quality of the german script is fine. But there should definitely be a stronger focus on the english version; I think it does need a rework to be adequate to recapitulate and intensify the content of the lecture. Especially for students who understand german poorly I think it would be practically impossible to grasp certain topics without the help of a understandable script.
- - I would have totally failed the first exam without the script- I hardly understood anything during the lecture and it all seemed so rushed. I always thought, the lecturer must be thinking we all know this, but in reality, no one had a clue what he was talking about
- Skript ist umfangreich und interessant, schön, dass es das auf EN und DE gibt.
- You don't have to know the stuff of the script for the exam, but you need it if you really want to understand the stuff. In the end you waste alot of time, because 95% of the script isn't necessary, but the slides are just too much and not understandable without the script, e.g. graphs are unexplained and formulas too
- It was extremely helpful because I basically learned everything from it since the lecturer didn't really convey the contents in an understandable way.
- I like the script. The explanations were really good and helpful.

## **8.6 The following topics should be discussed more extensively:**

- *No Content*

## **8.7 The following topics should be discussed less extensively:**

- - speech coding (I think there are too many approaches discussed; it is hard to remember them and keep them apart)
- Chapter 4, or it should be explained better. Like this it was hard to grasp during the lecture as well as in the script, only to find out it wasn't part of the exam.
- The statistics part... I think it was sometimes not really obvious what the goal/intention of these equations were.

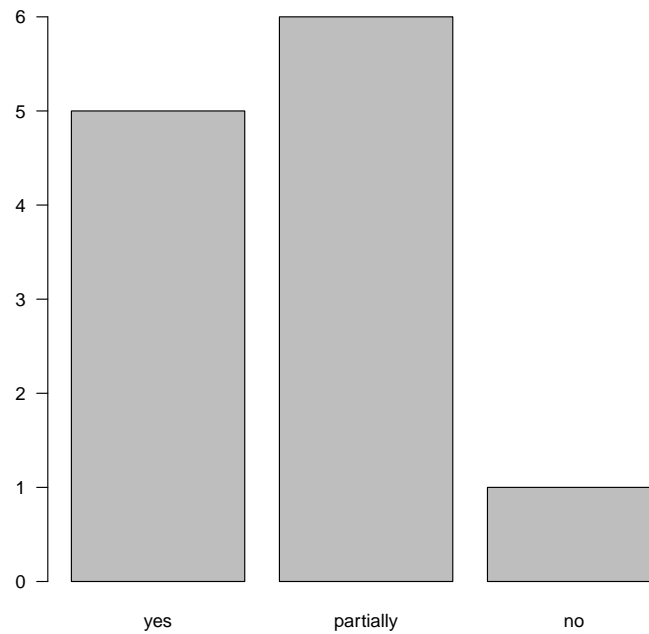
## **8.8 I liked particularly:**

- Unterlagen/VL-Inhalte gingen sehr in die Tiefe, was ich gut fand. Der Dozent (Benjamin Weiss) ist fachlich gut, freundlich und hilfsbereit.
- first half
- Speech Dialogue System development, the kahoots, phonetics examples
- the Dialogflow project

## **8.9 I disliked particularly:**

- MATLAB
- I think Matlab is/was a unlikeable choice as a programming language for the following reasons of accessibility:- one requires a license to work with matlab- one can use the uni's license, but there is apparently a limit on how many users can use the license simultaneously. It was hard to work with matlab during the exercise, especially in the beginning, because of the large number of students. One could not open matlab to work, if there were too many users already. This might have changed now, as of the new contracts.
- Die Anforderungen in den Übungen/Hausaufgaben/Klausuren waren recht gering, insbes. im Verhältnis zu dem behandelten Stoff. Der Dozent (Benjamin Weiss) sollte seine Englischkenntnisse verbessern und flüssiger, anschaulicher vortragen, damit man besser folgen kann.
- formulas, either explain them fully or don't start explaining them. It often felt half explained and half not explained
- Chapter 4, Fourier

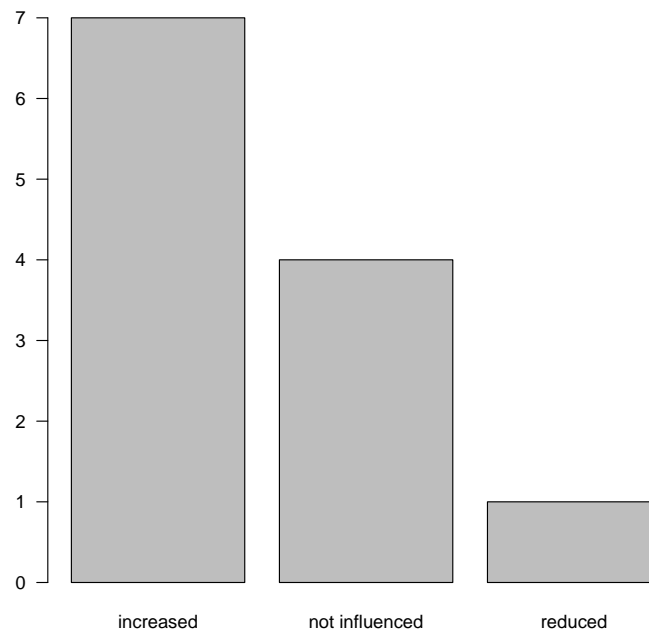
### 8.10 I believe that the topics are useful for my future study / work.



### 8.11 Further comments or requests:

- Keep doing the Kahoots, maybe make them longer than 4 questions only!
- The course was very confusing as far as its purpose and audience were concerned. It is described as a speech signal processing class, however after completing the course and having done all the homeworks and exercises I am not comfortable adding "speech signal processing" in my CV. I was told by the tutor that this class is aimed towards non-informatics students as well, but that goes against the first 2 homeworks since they were very programming-heavy and difficult for people from a non technological background.
- maybe we could have invested more time in the Dialogflow project

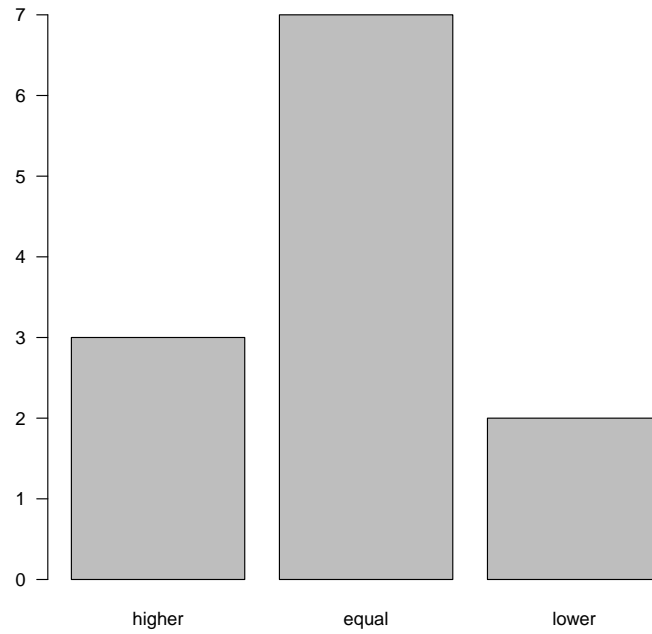
### 8.12 Following this course, my interest in this subject:



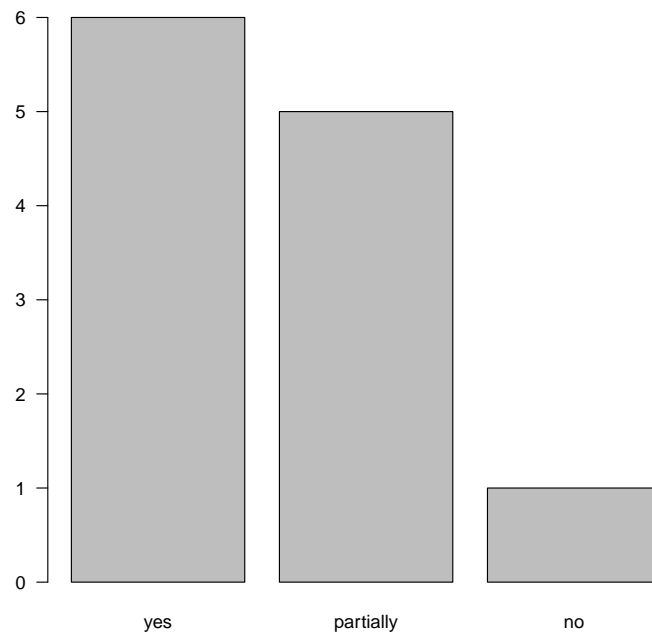
### 8.13 My interest increased/ decreased because:

- I could understand it more after investing time into the script before the exam
- I have realized that this is a really interesting topic.
- I did not actually learn how to process speech in a practical way

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



**8.15 I would recommend this course.**





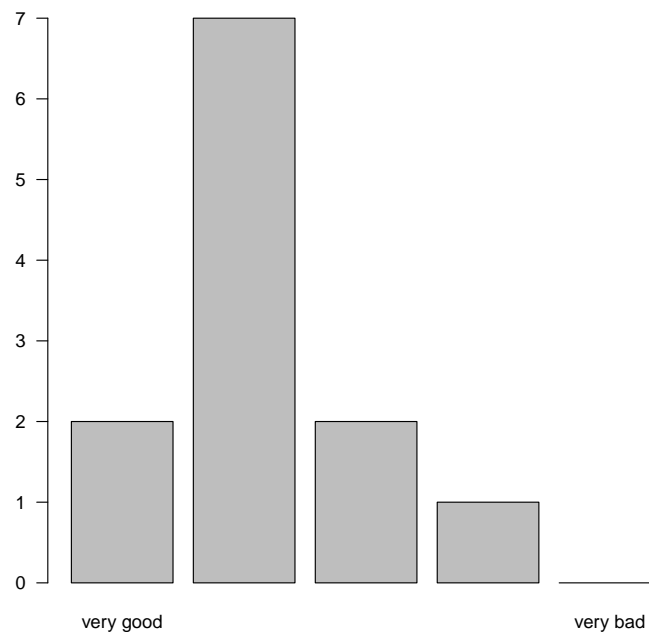
### 8.16 I would recommend/ not recommend this course, because:

- formulas/ quality of slides. usually the slides give enough information about the topic
- I can't say how it normally is (presented by Möller) but the current lecturer doesn't seem to be well prepared which makes the experience less enjoyable.
- The exercise, homework and project are very interested
- The group project especially seemed very random and too simplistic
- I learned a lot of new things, even though it was less work-extensive than other coursesnow i have concrete valuable knowledge that I can translate into actions and projects, I can't always say the same after finishing other courses in my degree

### 8.17 Further comments:

- the workload is ok. As a result i can recommend the course because it's not impossible to pass.
- The slides on Fourier transform contained so many formulas and complex math but were not actually used anywhere and were not relevant for the exams. The slides could be adapted to actually match the exercises/exam content so they won't mislead.

### 8.18 My overall impression of the course:



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

- *No Content*