

# Lehrevaluation Biometric Identification and Verification WS 18/19

Wagner, Möller

March 11, 2019

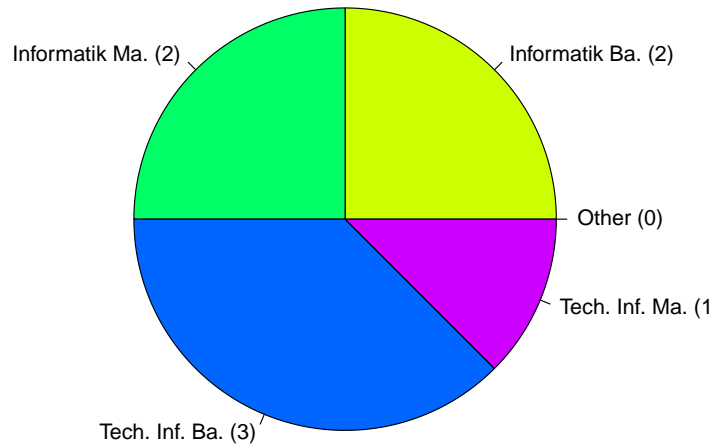
## Contents

<b>1</b>	<b>General questions about the course</b>	<b>2</b>
1.1	I am a student of . . . . .	2
1.2	I attend the course as... . . . . .	2
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
<b>2</b>	<b>Theoretical part / Course</b>	<b>7</b>
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
<b>3</b>	<b>Practical part</b>	<b>12</b>
3.1	The level of the exercises was... . . . . .	12
3.2	The exercises built on the lecture. . . . .	12
3.3	The exercises helped to understand the subject. . . . .	13
3.4	I actively participated in the group work. . . . .	13
<b>4</b>	<b>Practical part / Support</b>	<b>14</b>
4.1	The tutor was well skilled in the topic. . . . .	14
4.2	Questions were answered by the tutor in an understandable way. . . . .	14
<b>5</b>	<b>Practical part / Discussion</b>	<b>15</b>
5.1	Discussions helped to understand the subject. . . . .	15
<b>6</b>	<b>Practical part / Independent work</b>	<b>16</b>
6.1	The assessments were understandable. . . . .	16

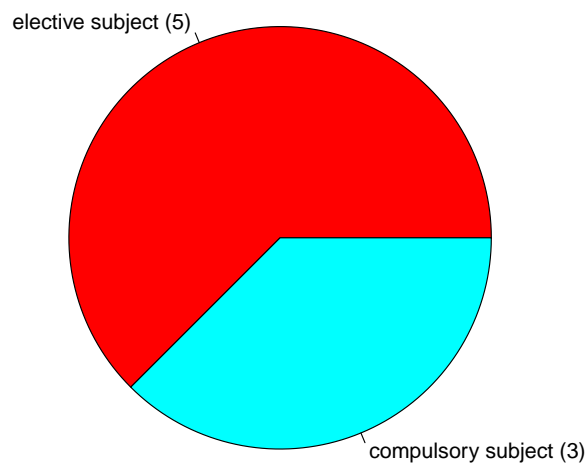
<b>7</b>	<b>Test</b>	<b>17</b>
7.1	I am planning the following time for exam preparation: . . . . .	17
7.2	For the exams I am learning in a group. . . . .	17
<b>8</b>	<b>Course Summary</b>	<b>18</b>
8.1	The presented topics were consistent with the courses description. . . . .	18
8.2	The goals of this 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: . . . . .	19
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: . . . . .	20
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? . . . . .	23

# 1 General questions about the course

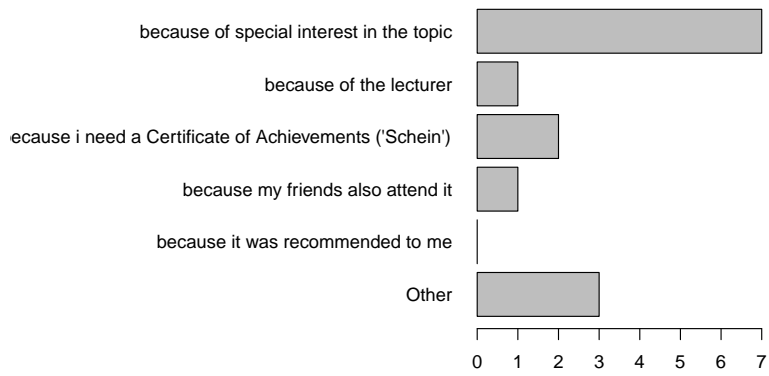
## 1.1 I am a student of



## 1.2 I attend the course as...

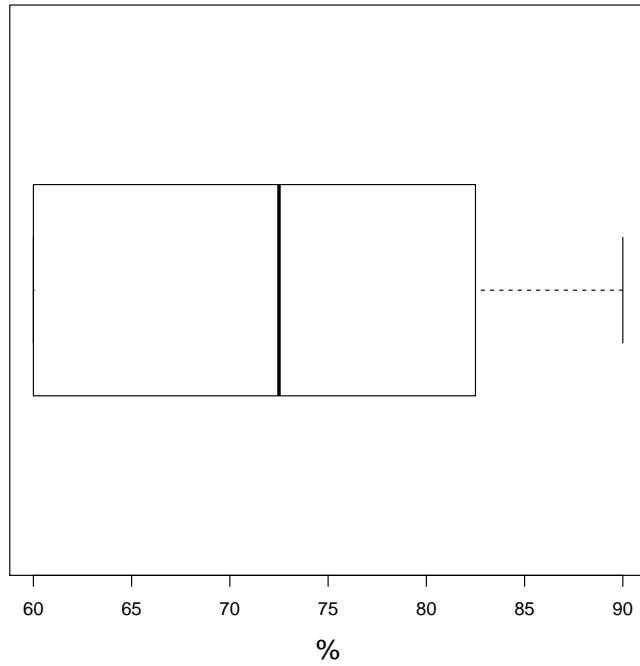


### 1.3 I attend the course...

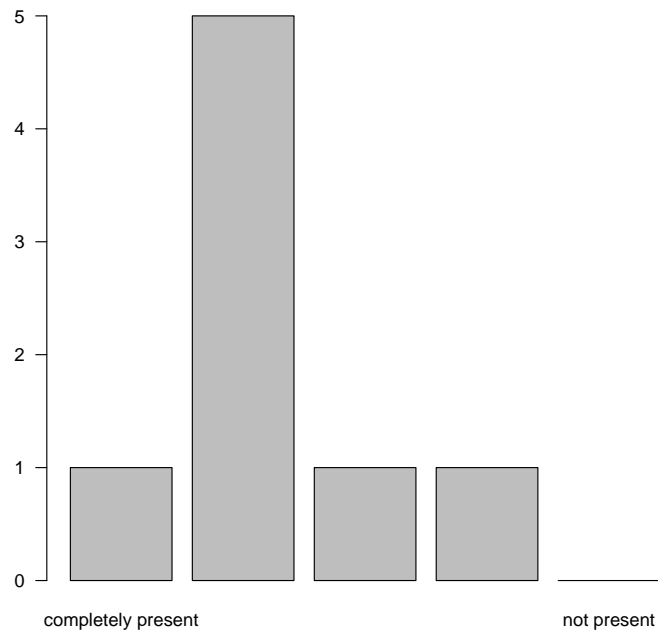


- i needed a seminar
- possibility of gaining useful skills through the topics
- I am doing my 18 points in this Faculty

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



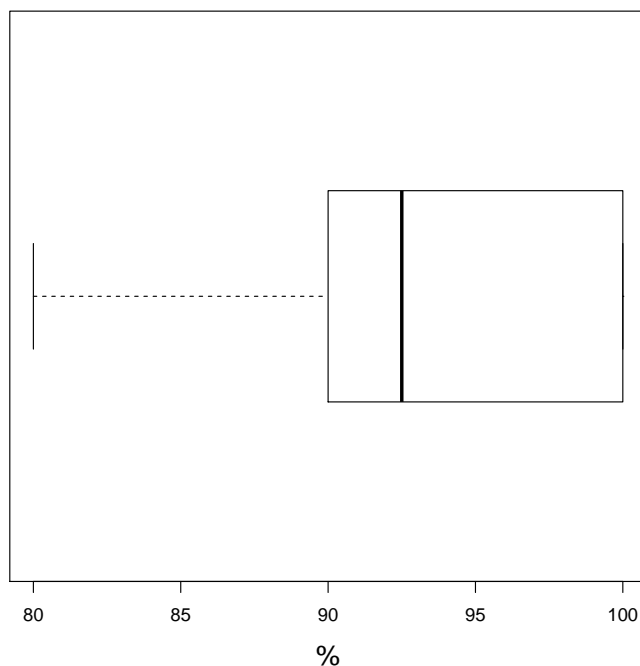
**1.5 The required knowledge was...**



## 1.6 In did not have knowledge regarding:

- The different types of biometrics in detail. How they work and how they can get calculated. I had no Matlab experience at all, but got use to it.
- Ich konnte kein MATLAB / Octave. Die Einführung und die gegebenen Code-Beispiele haben aber geholfen, diese Lücke zu schließen. Es werden sehr hohe Kenntnisse in Statistik benötigt, um die Modelle zu verstehen, mit denen die Algorithmen die Klassifikation durchführen. Ich habe nicht immer die Modelle während der Vorlesung vollständig verstanden. Ich habe versucht dies nachzuarbeiten, indem ich mir zu Hause die Folien noch einmal angesehen habe und die für mich schwierigen Begriffe nachgeschlagen habe.
- Linear algebra
- statistics
- needed more practice on matlab

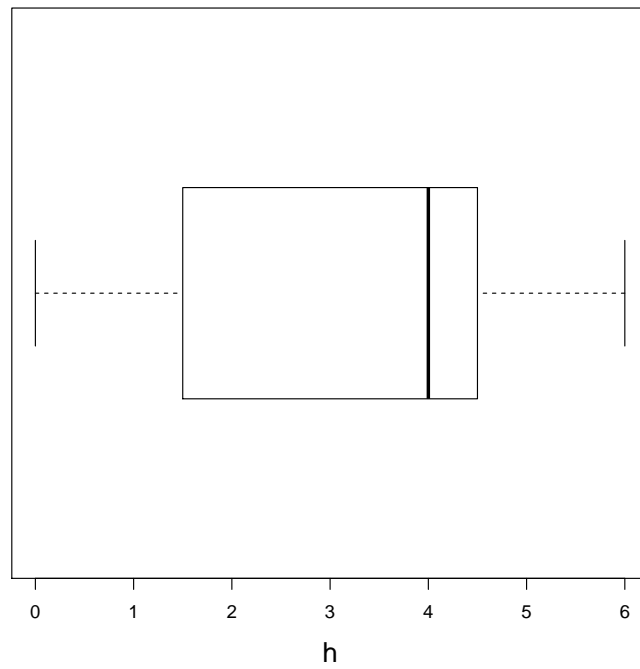
## 1.7 The proportion of the appointments I was present is approximately...



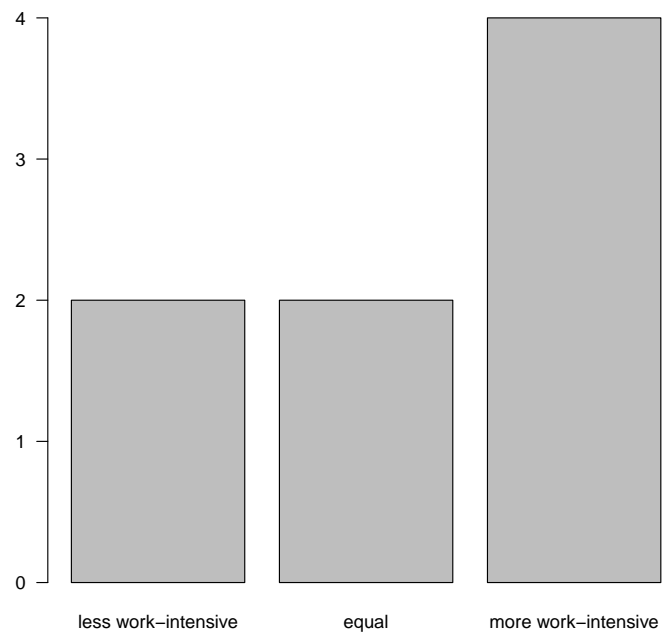
## 1.8 I was not always present, because:

- 1x other homework 1x special meeting
- Ich war in einer Woche krank, weshalb ich nicht in die Uni gehen konnte.
- doctors appointment
- Practical exercise didn't give me a benefit at all. And it was too late for me personally.
- I had once an appointment, and the other time I had an exam

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

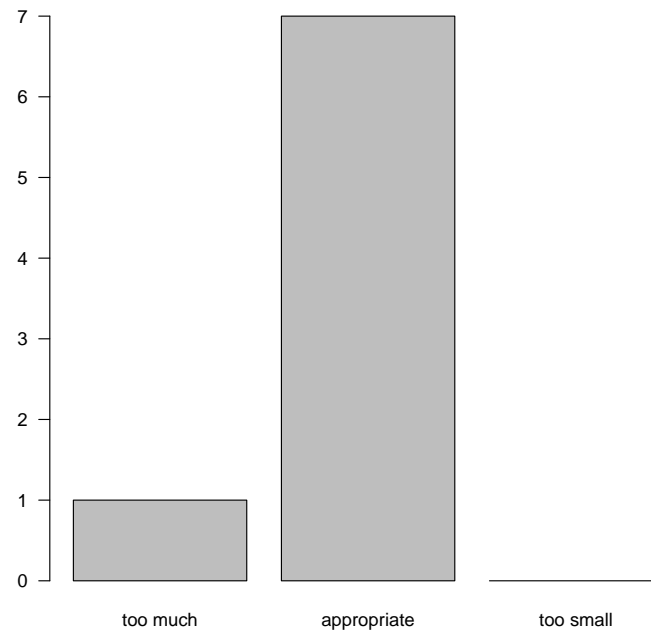


**1.10 Compared with other courses this course was...**

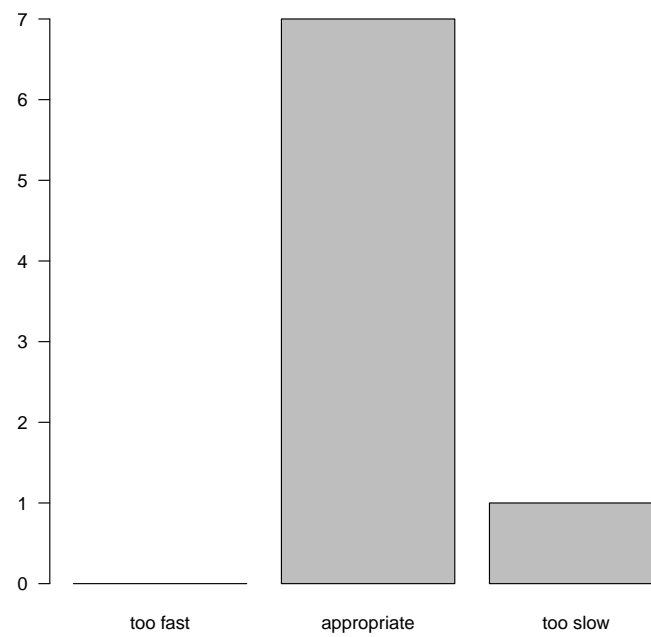


## 2 Theoretical part / Course

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

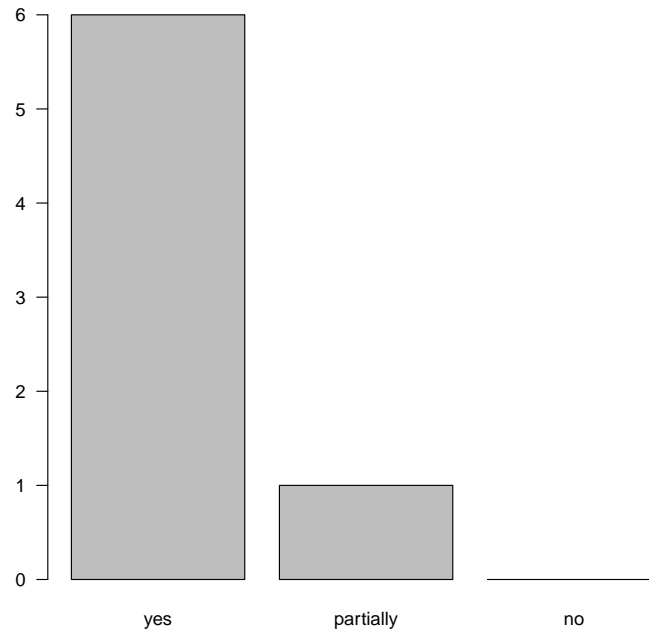


### 2.2 The pace of the lecture was...

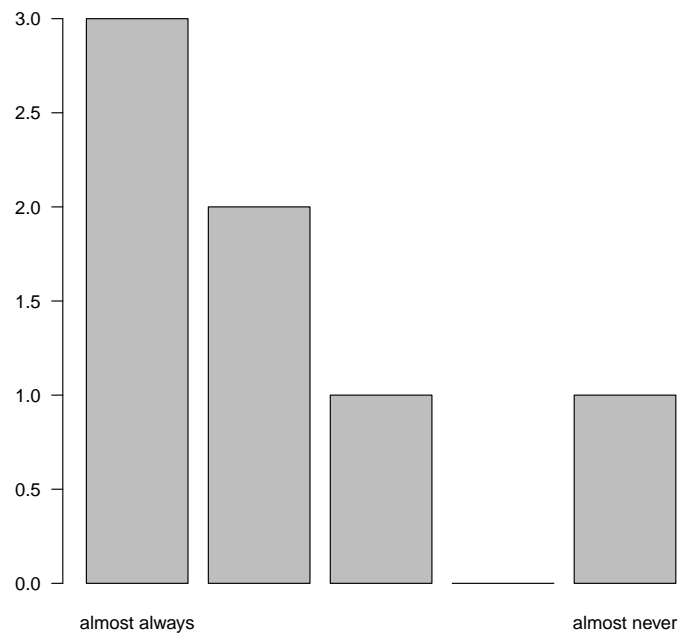




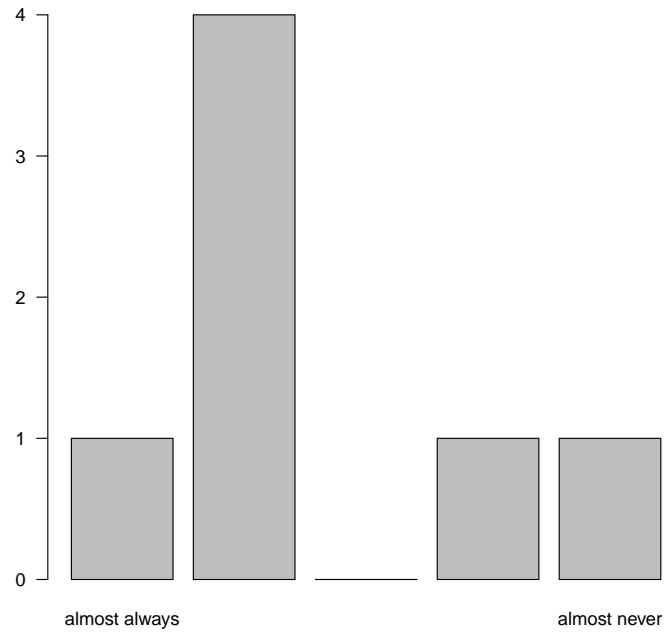
**2.3 The course gave me an actual overview of the topic.**



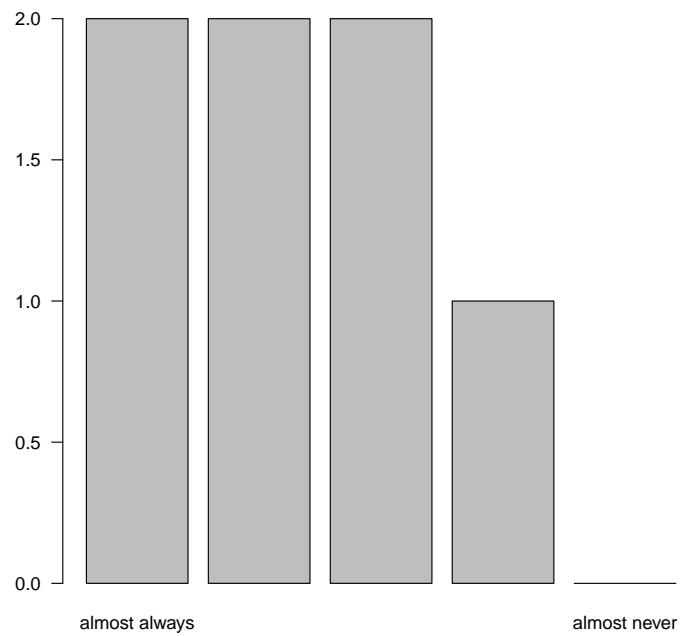
**2.4 The lecturer could raise interest in the topic.**



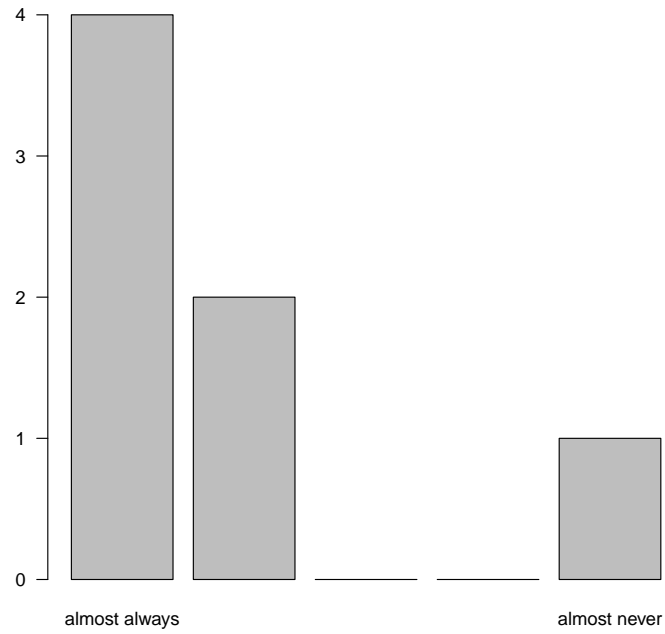
**2.5 Everything was presented in an understandable way**



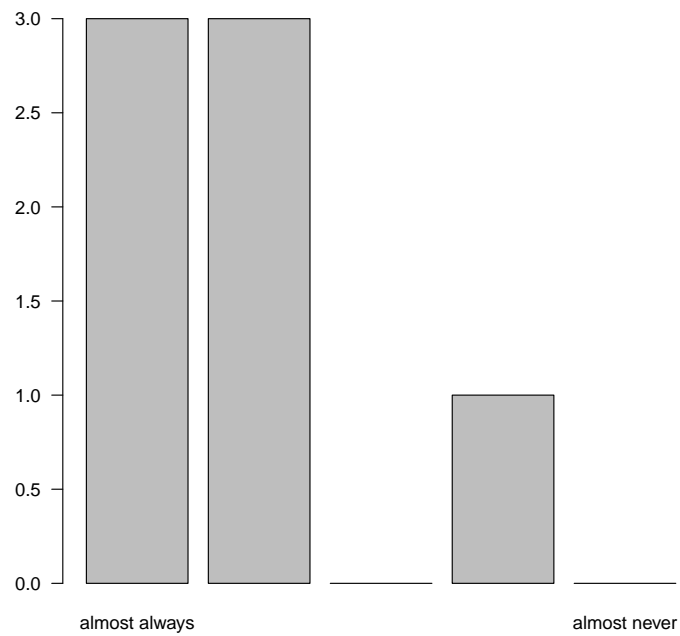
**2.6 Interdisciplinary connections were obvious.**



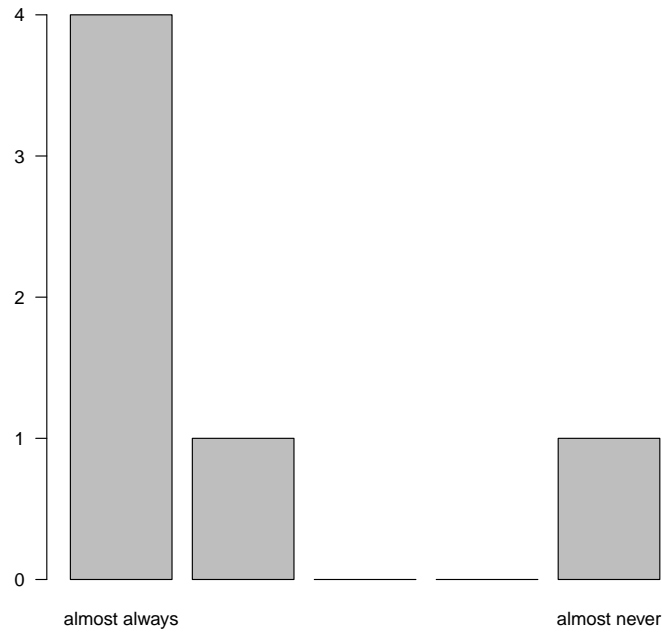
**2.7 Questions were answered in an understandable way.**



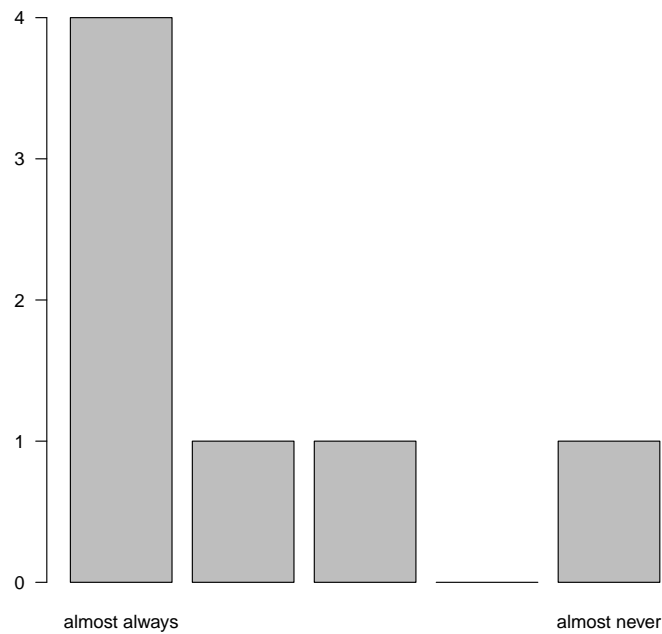
**2.8 Examples helped to understand.**



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

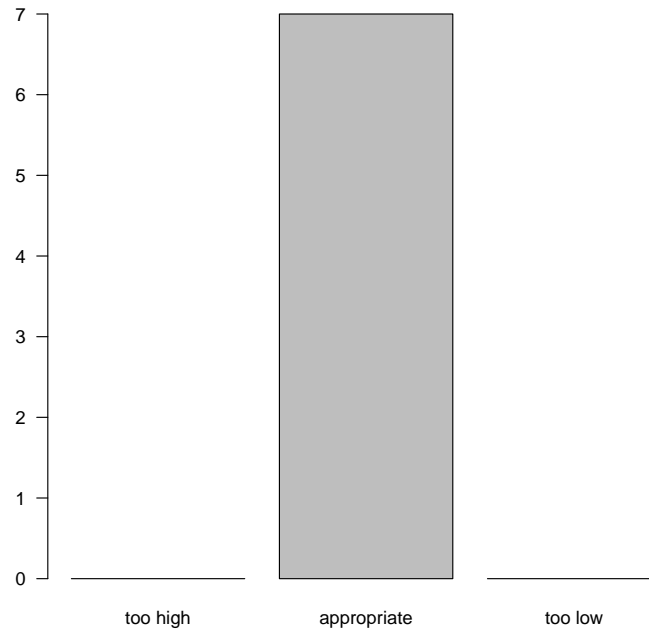


**2.10 The use of media (computer presentation, blackboard, slide images) was adequate.**

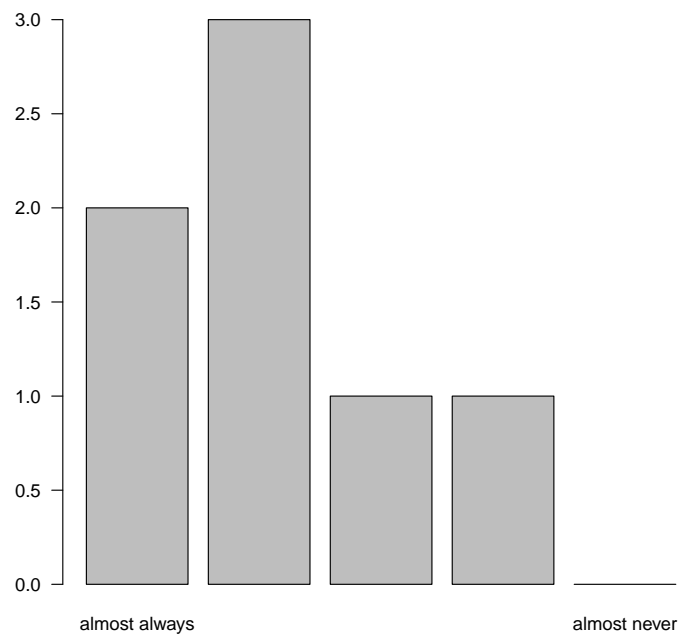


### 3 Practical part

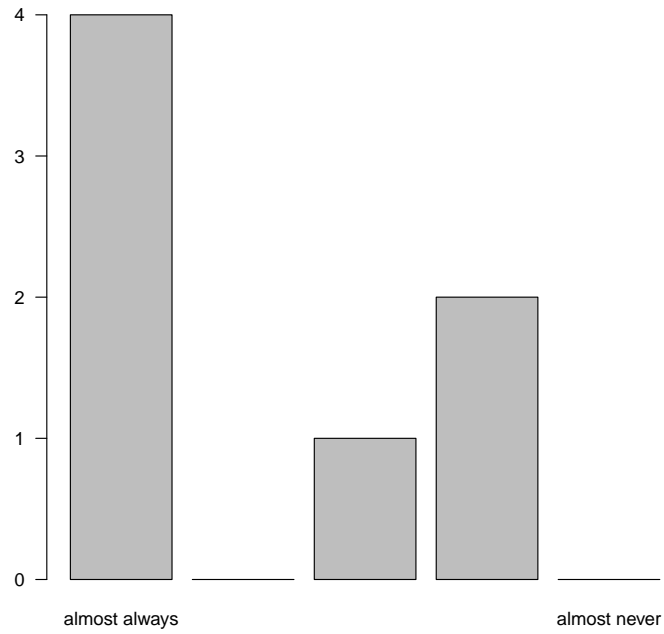
#### 3.1 The level of the exercises was...



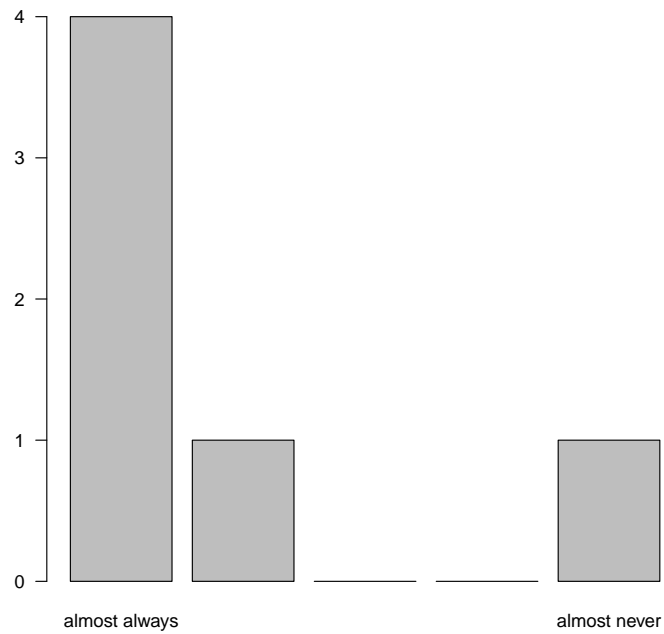
#### 3.2 The exercises built on the lecture.



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

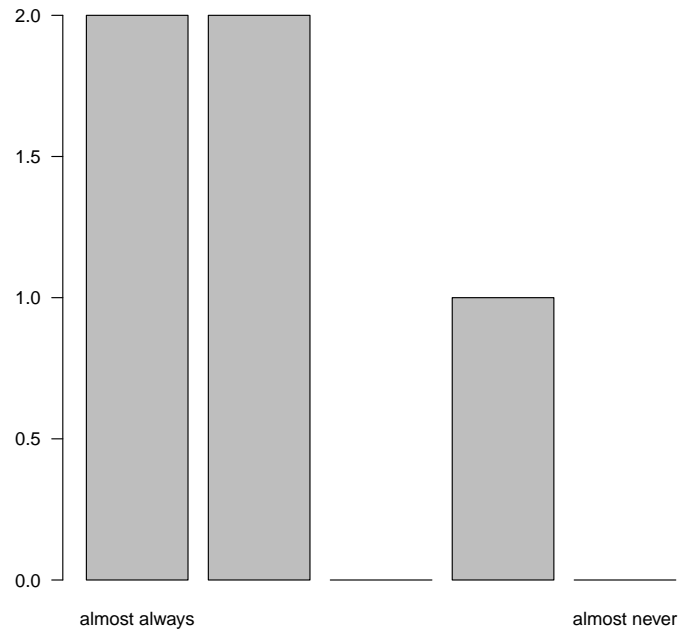


**3.4 I actively participated in the group work.**

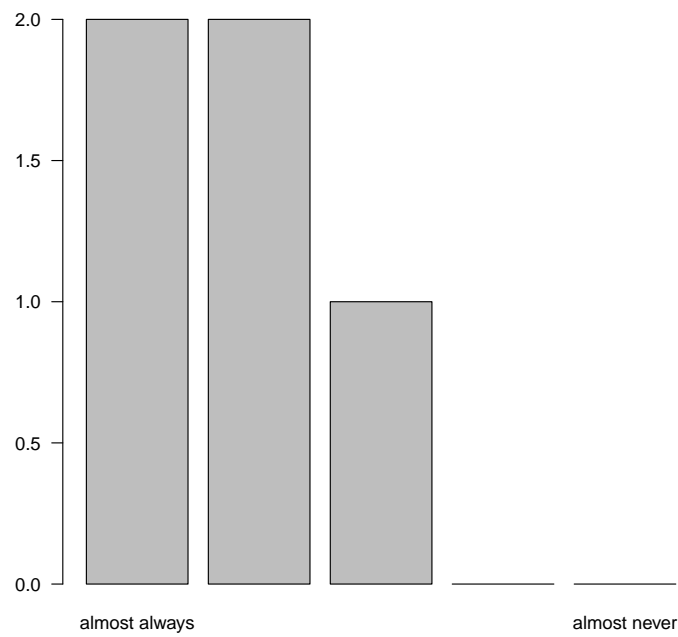


## 4 Practical part / Support

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

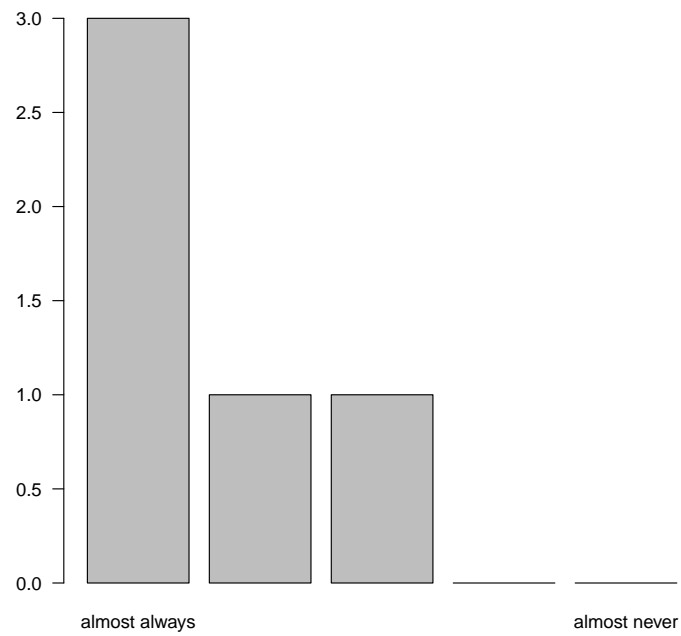


### 4.2 Questions were answered by the tutor in an understandable way.



## 5 Practical part / Discussion

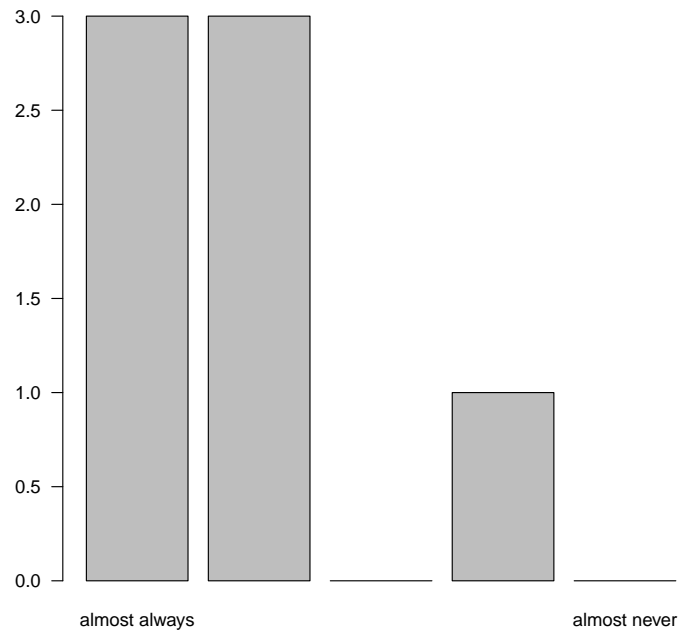
### 5.1 Discussions helped to understand the subject.





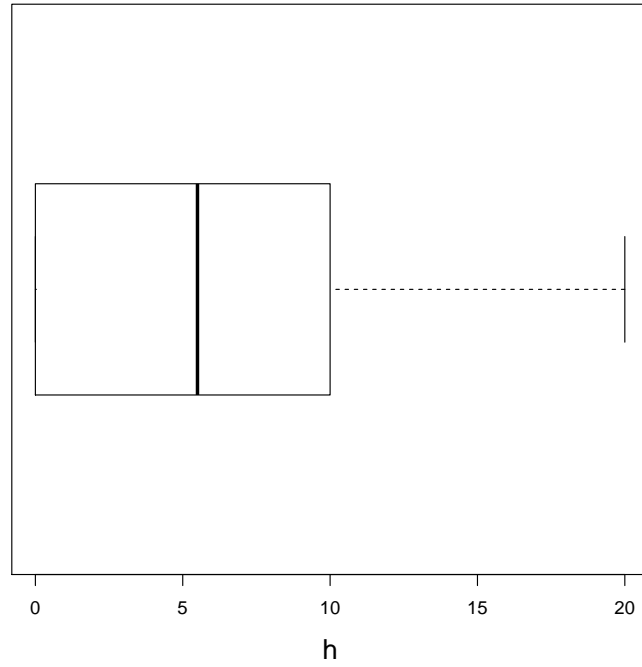
## 6 Practical part / Independent work

### 6.1 The assessments were understandable.

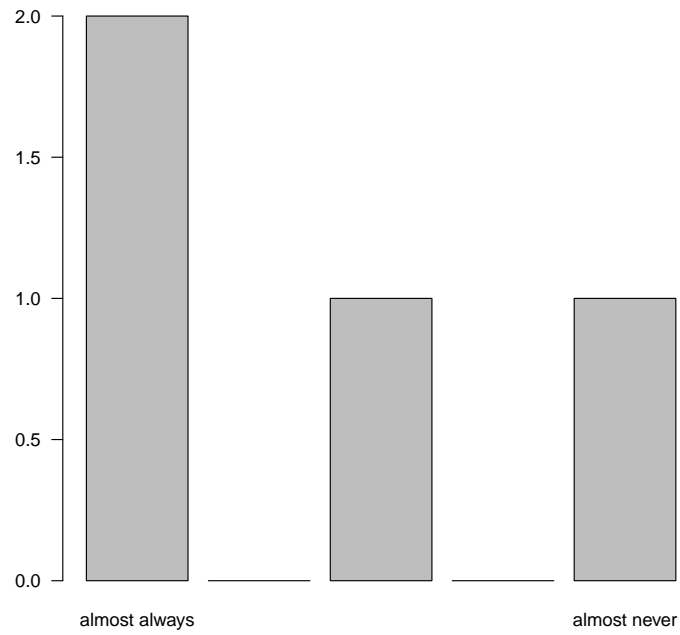


## 7 Test

7.1 I am planning the following time for exam preparation:

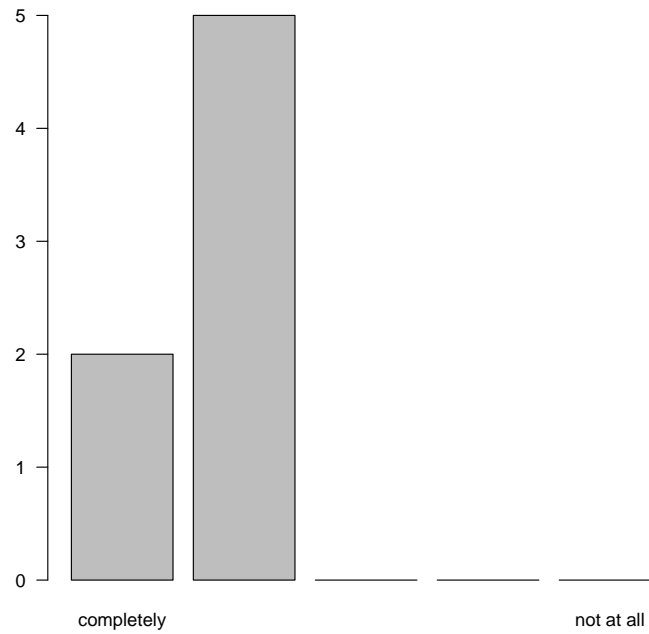


7.2 For the exams I am learning in a group.

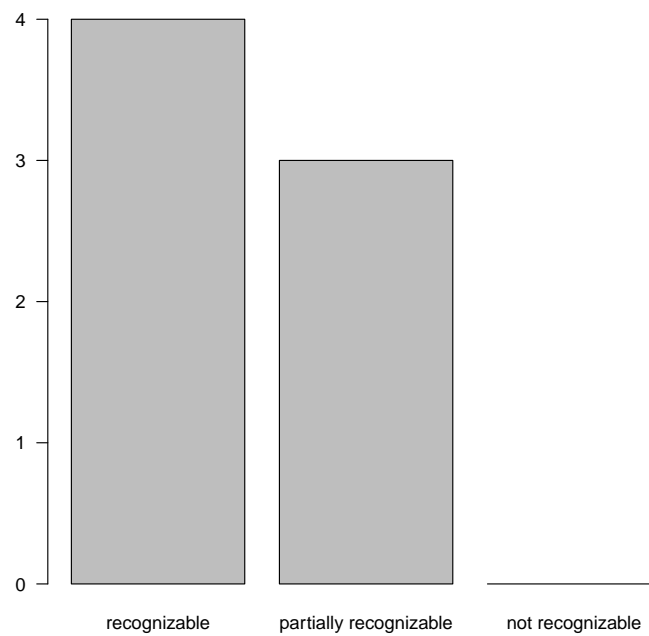


## 8 Course Summary

8.1 The presented topics were consistent with the courses description.



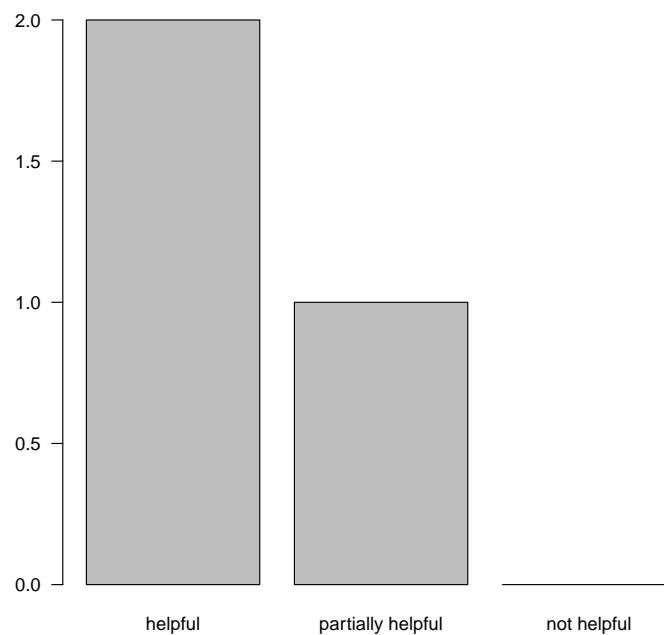
8.2 The goals of this course were...



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

- Die Lernziele waren erkennbar, weil schon durch den Namen des Moduls klar war, dass sich der Kurs mit Klassifikation basierend auf biometrischen Daten beschäftigt. Ein Überblick über solche Systeme, wie sie arbeiten und welche Stärken und Schwächen sie haben, wurde vermittelt.
- The exercises apply specific techniques
- I didn't expect that much statistics
- the teacher were lost himself

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



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

- slides were not good and not bad.. just ok

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

- *No Content*

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

- Proofs

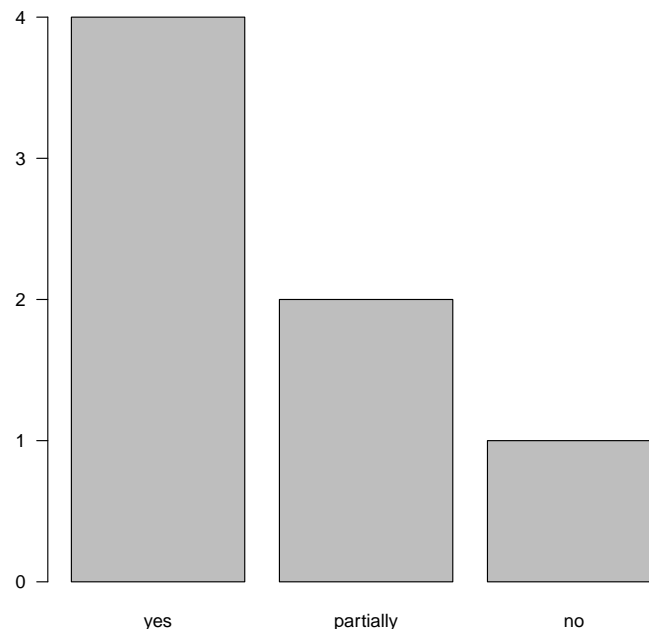
### 8.8 I liked particularly:

- For 3LP you tried to inform us as best as you can.
- Guided step-by-step introduction to useful techniques
- I liked the presentations of students

### 8.9 I disliked particularly:

- At the beginning I do not know that the subject would be so statistically. I would like to do more practical implementations.
- The amount of workload. Please recalculate the hours of assignments and quiz preparation, presentation and paper. I've had 9 ECTS Courses with less work to do! Do not just comment it with - it is a 3 Point Course - its not helpful.
- To little weighting attributed to the exercises
- The statistics part. I have not much knowledge in this particular subject and all though the professor tried to explain stuff I didn't really get better.
- the way the teacher is teaching (he has no skills in that at all, maybe his way was good in the 80s or 90s , but not any more)

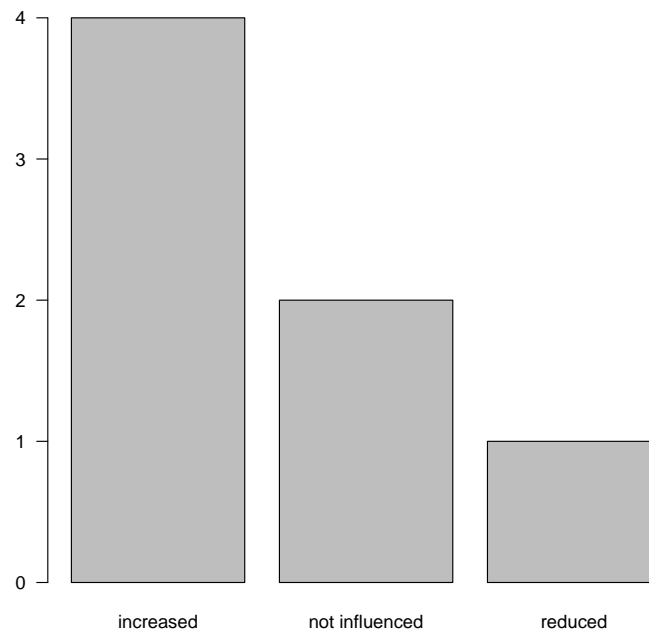
### 8.10 I believe that the topics are useful for my future study / work.



### 8.11 Further comments or requests:

- It would be better to hand in the code for homework instead of the huge datamess.
- Add statistics to the course description and point out, that it is going to be needed a lot.
- before giving a teacher from other country the opportunity to teach here, you should intrduce him and teach him on how to work with the system here, give him guide lines and someone with experince help him as an assistent maybe. after studying 7 years and I even changed majors, he is by far the worst teacher I ever had

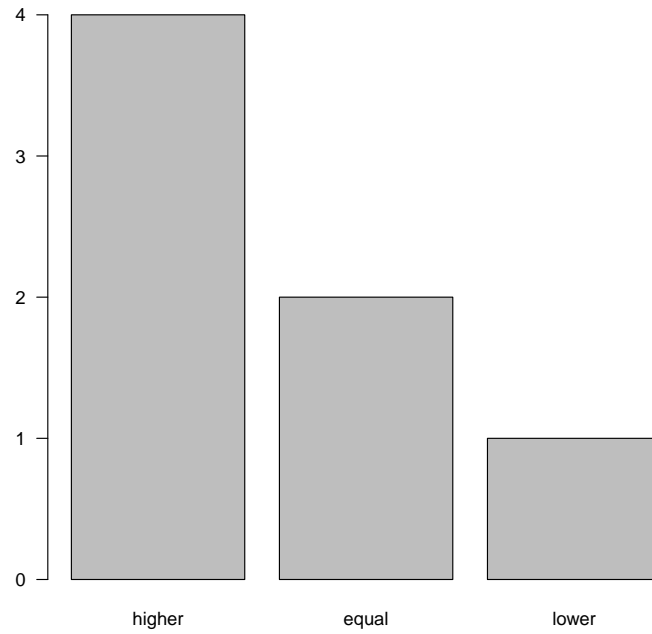
### 8.12 Following this course, my interest in this subject:



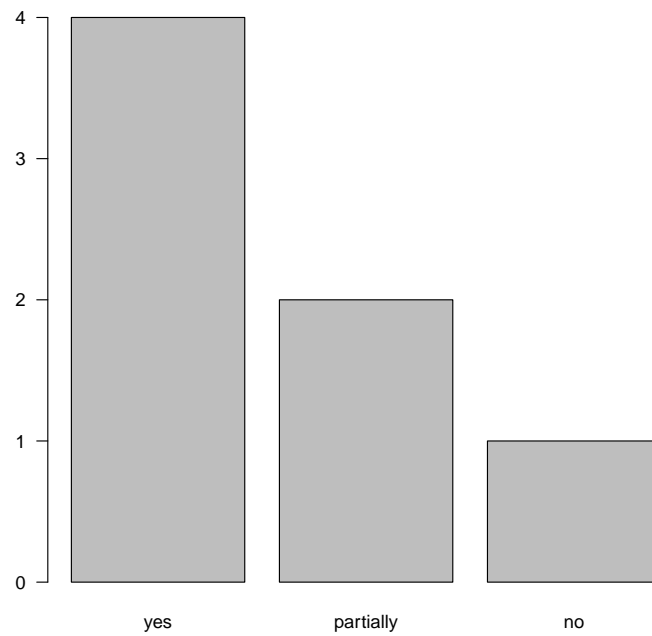
### 8.13 My interest increased/ decreased because:

- I've understood how my day-to-day environment works in terms of biometric recognition in my electronic devices.
- Ich habe gelernt, dass es weit mehr Möglichkeiten gibt, eine Person mit Hilfe bestimmter biometrischer Daten zu erkennen, als ich kannte.
- My interest is driven by the hype curve about AI
- I didn't know that much statistics were involved.
- because of the presentations of students

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



**8.15 I would recommend this course.**



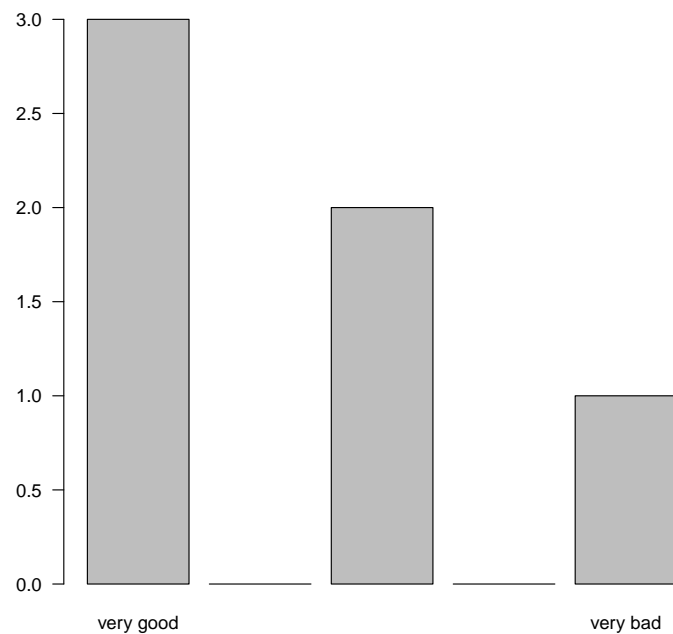
### 8.16 I would recommend/ not recommend this course, because:

- I would recomend this course, because everyone should undersand how biometric systems work.
- Die Themen finde ich sehr interessant. Biometrische Authentifizierungssysteme sind auf dem Vormarsch in vielen Bereichen des Alltags. Ein grundlegendes Verständnis solcher Systeme wird immer wichtiger.
- Solid, intelligible lecture content; useful exercises
- Depending on whether the person likes/understands statistics
- because of the teacher

### 8.17 Further comments:

- I would like to have built a practical system and written the software for it to do an identification. But i think then it's not a 3LP course anymore. At the beginning I do not know that a previous registration is necessary.

### 8.18 My overall impression of the course:



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

- *No Content*