Mobile Communication – Dr. rer. nat. Matthias Frank, Akademischer Oberrat; Dr. Markus Esch

Lecture Survey – Fachschaft Informatik

4. September 2015

Abgegebene Fragebögen: 9

1 Lecture Evaluation

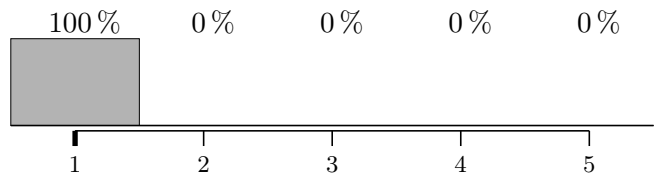## 1.1 Please rate the lecture's concept.

1.1.1 How often did you attend the lecture?

Always – Never

100 %   0 %   0 %   0 %   0 %
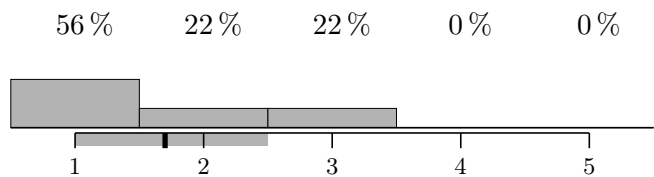
Antworten: 9
Durchschnitt: 1.0
Standardabweichung: 0.0

1.1.2 Did the lecture appear to be clearly structured to you?

Yes – No

56 %   22 %   22 %   0 %   0 %

Antworten: 9
Durchschnitt: 1.7
Standardabweichung: 0.8

1.1.3 Have topics been illustrated by sensible examples?

Always – Never

44 %   33 %   11 %   11 %   0 %

Antworten: 9
Durchschnitt: 1.9
Standardabweichung: 1.0
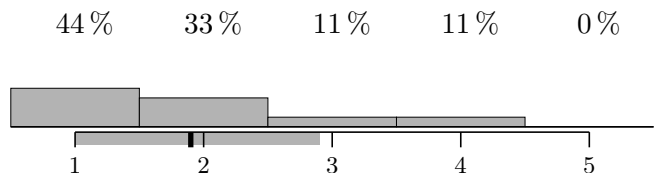
1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful

22 %   56 %   0 %   11 %   11 %

Antworten: 9
Durchschnitt: 2.3
Standardabweichung: 1.2
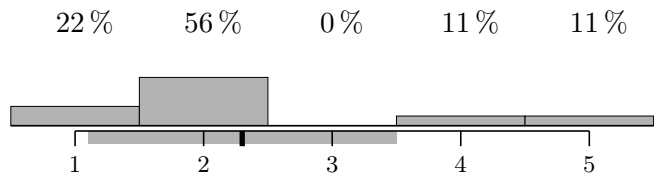
1.1.5 Have there been topics that should have been explained more extensively?

Many – None

0 %   11 %   11 %   56 %   22 %

Antworten: 9
Durchschnitt: 3.9
Standardabweichung: 0.9
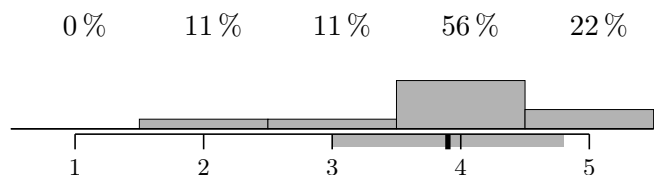
2 Lecturer Evaluation

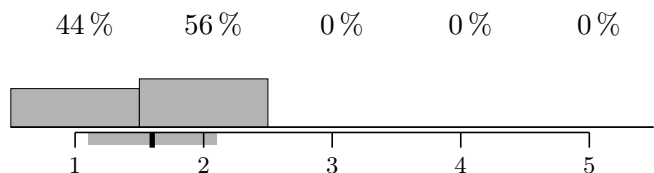## 2.1 Please rate Dr. rer. nat. Matthias Frank, Akademischer Oberrat.

2.1.1 How much of the content do you understand during the lecture?

Everything – Nothing

44 %   56 %   0 %   0 %   0 %
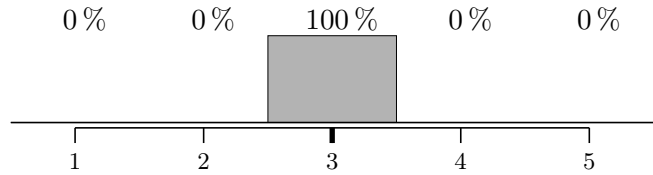
Antworten: 9
Durchschnitt: 1.6
Standardabweichung: 0.5

2.1.2 The speed of proceeding was...

Too fast – Too slow

0 %	0 %	100 %	0 %	0 %

Antworten: 9
Durchschnitt: 3.0
Standardabweichung: 0.0

2.1.3 Did the lecturer answer your questions profoundly?

Always – Never

78 %	22 %	0 %	0 %	0 %

Antworten: 9
Durchschnitt: 1.2
Standardabweichung: 0.4
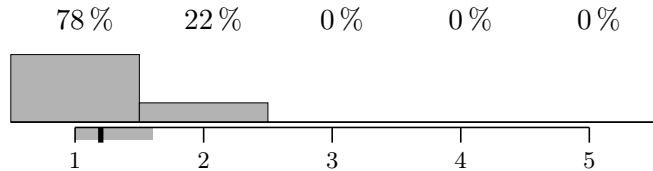
2.1.4 Was the lecturer available for questions outside of the lecture?

Always – Never

56 %	44 %	0 %	0 %	0 %

Antworten: 9
Durchschnitt: 1.4
Standardabweichung: 0.5
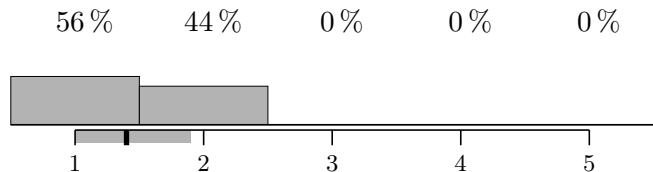
2.1.5 Could you understand the lecturer acoustically?

Very well – Not at all

33 %	56 %	11 %	0 %	0 %

Antworten: 9
Durchschnitt: 1.8
Standardabweichung: 0.6
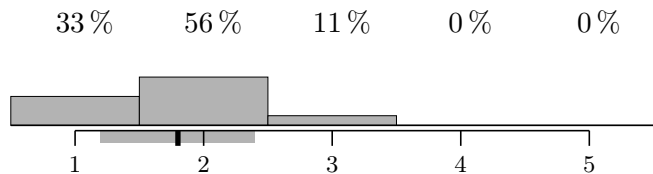
2.2 Please rate Dr. Markus Esch.

2.2.1 How much of the content do you understand during the lecture?

Everything – Nothing

33 %	56 %	11 %	0 %	0 %

Antworten: 9
Durchschnitt: 1.8
Standardabweichung: 0.6
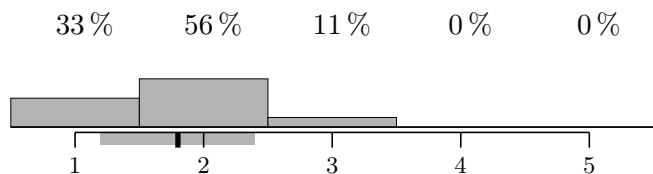
2.2.2 The speed of proceeding was...

Too fast – Too slow

0 %	56 %	33 %	11 %	0 %

Antworten: 9
Durchschnitt: 2.6
Standardabweichung: 0.7
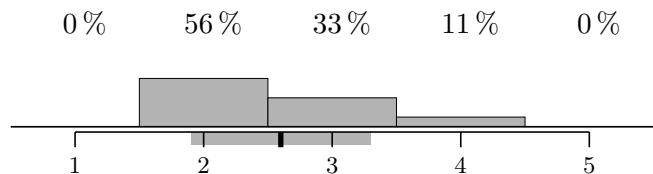
2.2.3 Did the lecturer answer your questions profoundly?

Always – Never   25 %   63 %   13 %   0 %   0 %

Antworten: 8
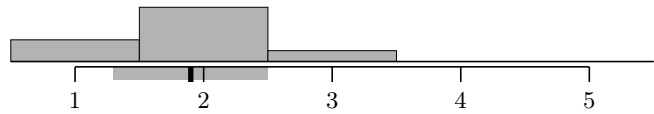Durchschnitt: 1.9
Standardabweichung: 0.6

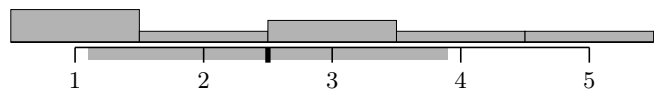### 2.2.4 Was the lecturer available for questions outside of the lecture?

Always – Never   38 %   13 %   25 %   13 %   13 %

Antworten: 8
Durchschnitt: 2.5
Standardabweichung: 1.4

2.2.5 Could you understand the lecturer acoustically?
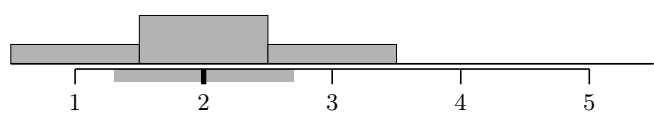
Very well – Not at all   22 %   56 %   22 %   0 %   0 %

Antworten: 9
Durchschnitt: 2.0
Standardabweichung: 0.7

3 Exercise Evaluation

3.1 Please rate the quality of the exercises that accompanied the lecture.
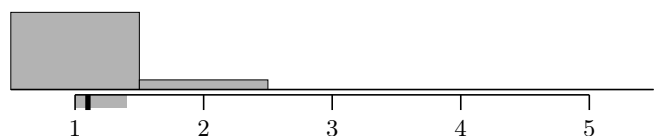
3.1.1 How often did you attend the exercise class?

Always – Never   89 %   11 %   0 %   0 %   0 %

Antworten: 9
Durchschnitt: 1.1
Standardabweichung: 0.3

3.1.2 Did the contents of the exercises match the current contents of the lecture?
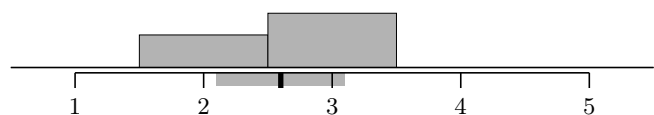
Lecture far ahead – Lecture far behind   0 %   38 %   63 %   0 %   0 %

Antworten: 8
Durchschnitt: 2.6
Standardabweichung: 0.5

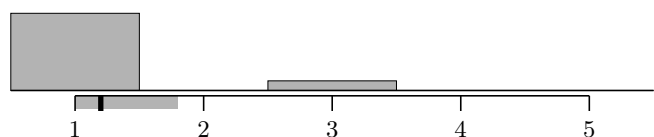### 3.1.3 Have the exercise sheets been available on time?

Always – Never   89 %   0 %   11 %   0 %   0 %

Antworten: 9
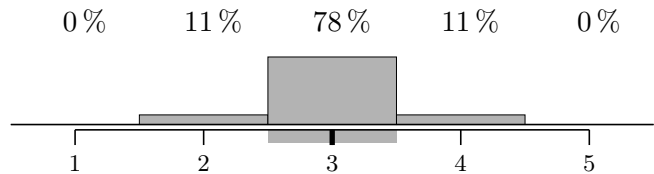Durchschnitt: 1.2
Standardabweichung: 0.6

3.1.4 Judge the size of your exercise group!

Too big – Too small

| | 0 % | 11 % | 78 % | 11 % | 0 % |

Antworten: 9
Durchschnitt: 3.0
Standardabweichung: 0.5

3.1.5 Usually I thought the exercises were...

Too difficult – Very easy

| | 0 % | 22 % | 56 % | 11 % | 11 % |

Antworten: 9
Durchschnitt: 3.1
Standardabweichung: 0.9
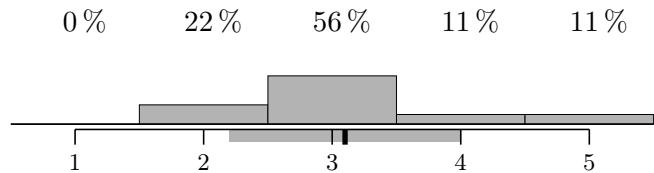
3.1.6 The difficulty of the exercises varied...

Greatly – Not at all

| | 0 % | 44 % | 56 % | 0 % | 0 % |

Antworten: 9
Durchschnitt: 2.6
Standardabweichung: 0.5
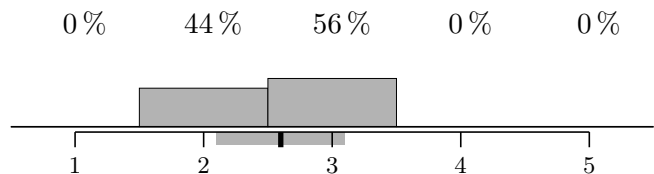
4 Module Evaluation

4.1 Please rate the module as a whole.

4.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing

| | 22 % | 67 % | 0 % | 11 % | 0 % |

Antworten: 9
Durchschnitt: 2.0
Standardabweichung: 0.8
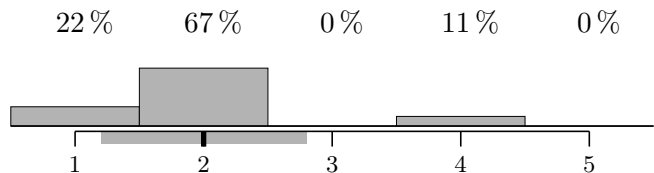
4.1.2 In relation to the number of credit points awarded, is the amount of work to be done justified?

Too high – Too low

| | 0 % | 0 % | 75 % | 25 % | 0 % |

Antworten: 8
Durchschnitt: 3.2
Standardabweichung: 0.4
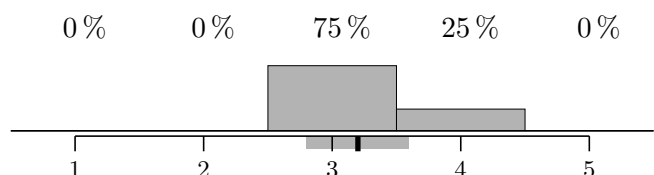
4.1.3 Do the obligatory course achievements support successful completion of the module?

Yes – No

| | 22 % | 44 % | 0 % | 22 % | 11 % |

Antworten: 9
Durchschnitt: 2.6
Standardabweichung: 1.3
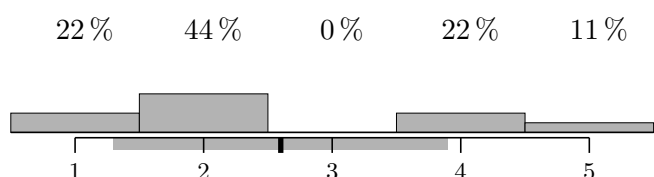
4.1.4 Do you think the obligatory course achievements are adequate?

Yes – No

| | 25 % | 25 % | 25 % | 0 % | 25 % |

Antworten: 8
Durchschnitt: 2.8
Standardabweichung: 1.5

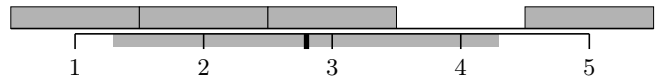### 4.1.5 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec.

| | 11 % | 22 % | 56 % | 11 % | 0 % |

Antworten: 9
Durchschnitt: 2.7
Standardabweichung: 0.8
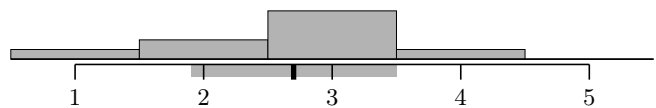
4.1.6 Would you recommend taking this module to your best friend?

Yes – No

| | 44 % | 33 % | 0 % | 22 % | 0 % |

Antworten: 9
Durchschnitt: 2.0
Standardabweichung: 1.2
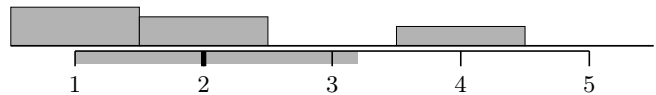
4.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks. . . ?

[0,3) hours	0 %
[3,6) hours	78 %
[6,8) hours	11 %
[8,10) hours	11 %
[10,12) hours	0 %
[12,∞) hours	0 %
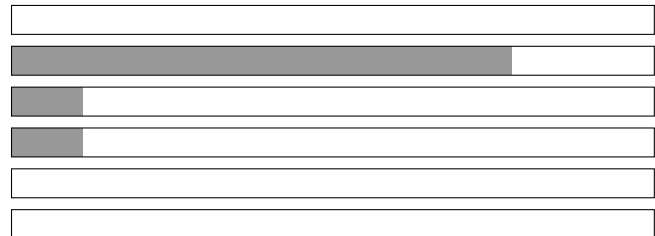
5 Exercise Class Evaluation

5.1 Please rate the exercise class you visited.

5.1.1 Has the tutor been available for questions outside of the tutorial?

Always – Never

| | 44 % | 56 % | 0 % | 0 % | 0 % |

Antworten: 9
Durchschnitt: 1.6
Standardabweichung: 0.5

5.1.2 Could you understand your tutor's corrections and gradings?

Always – Never

| | 29 % | 43 % | 14 % | 14 % | 0 % |

Antworten: 7
Durchschnitt: 2.1
Standardabweichung: 1.0

5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never   44 %   44 %   0 %   11 %   0 %

Antworten: 9
Durchschnitt: 1.8
Standardabweichung: 0.9
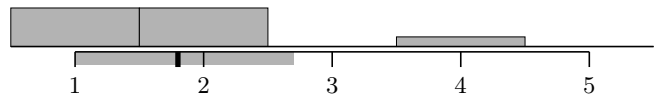
5.1.4 Would you recommend visiting this exercise class?

Yes – No   67 %   22 %   0 %   11 %   0 %

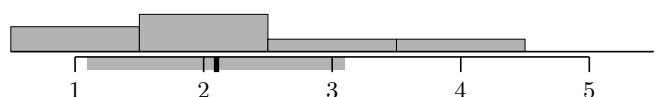Antworten: 9
Durchschnitt: 1.6
Standardabweichung: 1.0
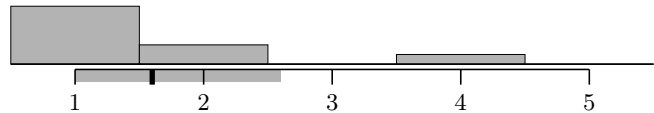
6 Comprehensive Rating

6.1 Please give an overall rating of the course on a scale from excellent (1) to very poor (6).

excellent (1)	33 %	
good (2)	44 %	
satisfactory (3)	0 %	
adequate (4)	22 %	
poor (5)	0 %	
very poor (6)	0 %	
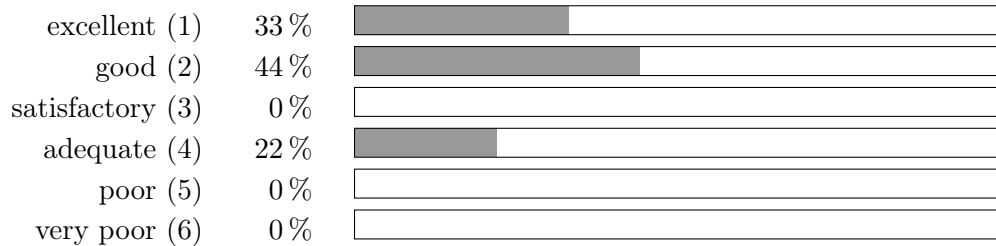
7 Free Text Comments

7.1 Which aspects of the course did you like?

- good diagrams for most protocols
- useful illustrations

- point system with constant amount of tasks

Matthew ist zumindest motiviert und fachlich kompetent

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it is very interesting

---

theory of different methods in mobile communication field

It was good

---

very clear slides

7.2 What could be improved?

- air/climate of seminar room was to bad

The exercise concept is not convincing.

Skript.. keine dämlichen rechenaufgaben
grausame Folien
viel Banalitäten und überflüssiges, dafür wenn es anspruchsvoll werden könnte zu oberflächlich
EFFIZIENZ!!!

I wish to know the deeper information about the GSM packets, its security, how to crack and how to defend it.

more examples in real life

7.3 You can leave remarks and further feedback here.

Thank you =)

generally very good lecture!

Mandatory course achievements

Successful participation in the Mobile Communication exercises will be accomplished by two parts:

1. Part: Successfully solving two practical assignment sheets:

A total of two practical assignment sheets will be issued, containing tasks of practical nature to apply programming and analysis skills in the topic area of mobile communication. The solutions need to be delivered in written form (including software) and will be personally presented in small teams of students*) to the lecture team. To get admitted to the exams, both practical assignment sheets need to be solved and presented in a satisfactory way.

*) the student team size for the practical exercises will be determined when the total number of participating students is known (i.e. during the first weeks of running the course).

2. Part: Successful participation in theoretical exercises:

A total of six (or seven) theoretical exercise sheets will be issued, supporting the understanding of the lecture topics. Each exercise sheet will contain three tasks. The students need to prepare and solve the tasks to be able to actively contribute to the discussion in the tutorial. Students will be called randomly to check if they prepared themselves in a satisfactory way.

Each student may skip a maximum of 50% of the total tasks; each skipped task is counted in the following way:

· If a student wants to prevent being randomly asked on one specific task, she/he needs to announce *one* "miss" in advance

· If a student is randomly called, but not able to contribute to one task, it will be counted as *two* "misses"

· If a student is not present in the tutorial of an exercise sheet, this will be counted as three "misses" (for three tasks)

· If a student is not present due to sick leave, counting three "misses" can (optionally) be avoided in presenting a medical certificate

(Formblatt 19.08.2013) 2

The theoretical requirement is fulfilled if the student has no more than 50to the total number of tasks.

Both parts 1. (practical) and 2. (theoretical) have to be fulfilled to get admitted to the exams.

Lecturers' Questionnaire

This part contains data provided by the lecturers.

1 Lecture metadata

Number of students in the lecture at the beginning of the semester	≈ 30
Number of students in the lecture at the end of the semester	≈ 10
Number of students participating in the exercise classes at the beginning of the semester	27
Number of students participating in the exercise classes at the end of the semester	12
Number of students that have registered for the exam	15

2 Exercise classes

Number of exercise classes	1
Average number of students per exercise class at the end of the semester	12

The students have been assigned to an exercise class in the following way:

Not applicable: There is only one exercise class.

used TVS to collect student data

3 Helpful stuff

There has been **no** test exam.

Sample solutions for exercise tasks have **not** been distributed.

4 Free text comments

4.1 In your opinion, what aspects of the module worked well this semester?

Mobile Communication is well established, all worked as intended.

4.2 What would you change if you were to offer this module again and why?

No changes forseen.

4.3 In case there have been obligatory course achievements: Please judge on their effectivity regarding the learning success of the students.

- two practical assignments: positive, these give some insight on practical work in following lab or master thesis
- need to prepare (and present) theoretical assignment sheets: positive, we had very good discussions during the tutorial sessions.

4.4 Further remarks

None.