Introduction to Sensor Data Fusion: Methods and Applications – Dr. Felix Govaers (durchführend), Prof. Dr. Wolfgang Koch (durchführend)

Lecture Survey – Fachschaft Informatik

May 8, 2019

Turned in Questionnaires: 14

1 Lecture Evaluation

1.1 Please rate the lecture's concept.
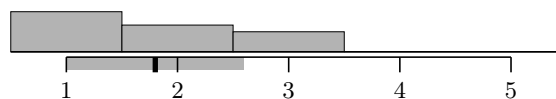
1.1.1 How often did you attend the lecture?

Always – Never   46 %   31 %   23 %   0 %   0 %

Answers: 13
Mean: 1.8
Standard-Deviation: 0.8

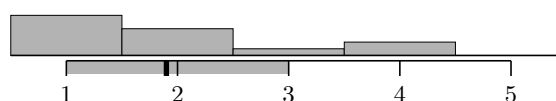1.1.2 Did the lecture appear to be clearly structured to you?

Yes – No   46 %   31 %   8 %   15 %   0 %

Answers: 13
Mean: 1.9
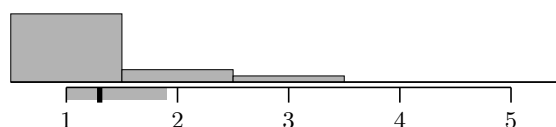Standard-Deviation: 1.1

1.1.3 Have topics been illustrated by sensible examples?

Always – Never   79 %   14 %   7 %   0 %   0 %

Answers: 14
Mean: 1.3
Standard-Deviation: 0.6
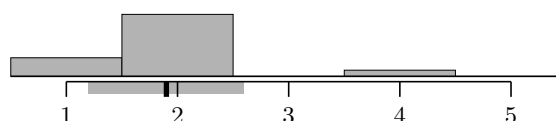
1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful   21 %   71 %   0 %   7 %   0 %

Answers: 14
Mean: 1.9
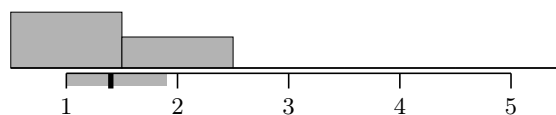Standard-Deviation: 0.7

1.1.5 Have the topics been explained extensively enough?

Always – Never   64 %   36 %   0 %   0 %   0 %

Answers: 14
Mean: 1.4
Standard-Deviation: 0.5

2 Lecturer Evaluation

2.1 Please rate Dr. Felix Govaers (durchführend).

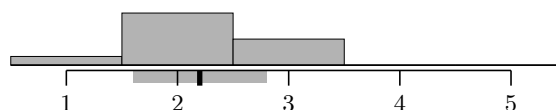2.1.1 How much of the content do you understand during the lecture?

Everything – Nothing   10 %   60 %   30 %   0 %   0 %

Answers: 10
Mean: 2.2
Standard-Deviation: 0.6
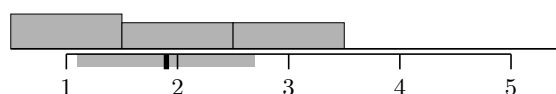
2.1.2 Did the lecturer answer your questions profoundly?

Always – Never   40 %   30 %   30 %   0 %   0 %

Answers: 10
Mean: 1.9
Standard-Deviation: 0.8

2.1.3 Was the lecturer available for questions outside of the lecture?
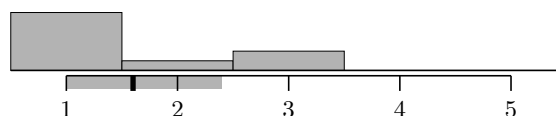
Always – Never   67 %   11 %   22 %   0 %   0 %

Answers: 9
Mean: 1.6
Standard-Deviation: 0.8

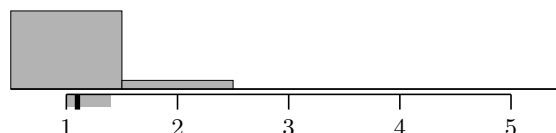2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all   90 %   10 %   0 %   0 %   0 %

Answers: 10
Mean: 1.1
Standard-Deviation: 0.3

2.1.5 The speed of proceeding was...
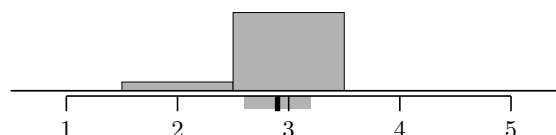
Too fast – Too slow   0 %   10 %   90 %   0 %   0 %

Answers: 10
Mean: 2.9
Standard-Deviation: 0.3

2.2 Please rate Prof. Dr. Wolfgang Koch (durchführend).

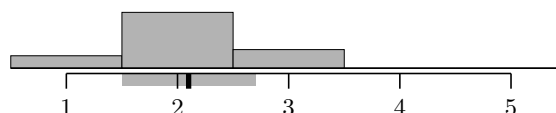2.2.1 How much of the content do you understand during the lecture?

Everything – Nothing   14 %   64 %   21 %   0 %   0 %
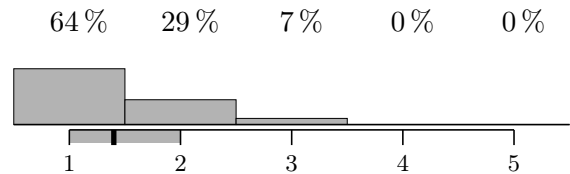
Answers: 14
Mean: 2.1
Standard-Deviation: 0.6

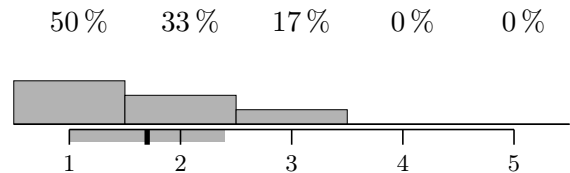2.2.2 Did the lecturer answer your questions profoundly?

Always – Never   64 %   29 %   7 %   0 %   0 %

Answers: 14
Mean: 1.4
Standard-Deviation: 0.6

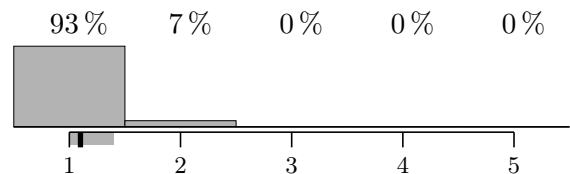2.2.3 Was the lecturer available for questions outside of the lecture?

Always – Never   50 %   33 %   17 %   0 %   0 %

Answers: 12
Mean: 1.7
Standard-Deviation: 0.7

2.2.4 Could you understand the lecturer acoustically?

Very well – Not at all   93 %   7 %   0 %   0 %   0 %

Answers: 14
Mean: 1.1
Standard-Deviation: 0.3

2.2.5 The speed of proceeding was...

Too fast – Too slow   0 %   14 %   86 %   0 %   0 %

Answers: 14
Mean: 2.9
Standard-Deviation: 0.3
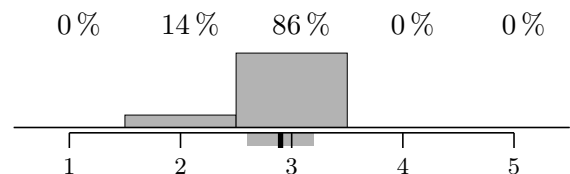
3 Module Evaluation

3.1 Please rate the module as a whole.

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

Much – Nothing   54 %   36 %   9 %   0 %   0 %

Answers: 11
Mean: 1.5
Standard-Deviation: 0.7
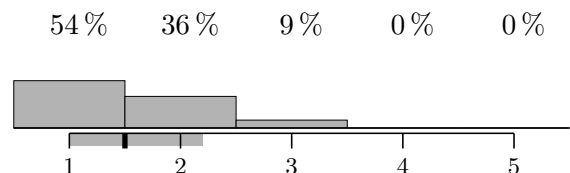
3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No   71 %   14 %   14 %   0 %   0 %

Answers: 14
Mean: 1.4
Standard-Deviation: 0.7

3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No   62 %   31 %   0 %   0 %   8 %

Answers: 13
Mean: 1.6
Standard-Deviation: 1.1

        1   2   3   4   5

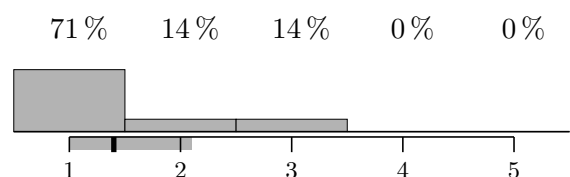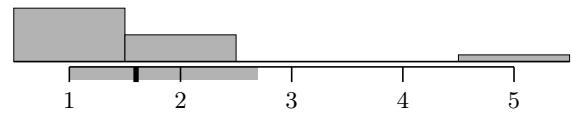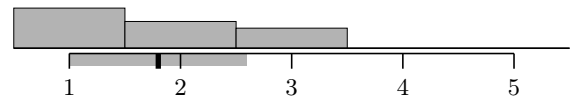3.1.4 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec.   46 %   31 %   23 %   0 %   0 %

Answers: 13
Mean: 1.8
Standard-Deviation: 0.8

        1   2   3   4   5

3.1.5 Would you recommend taking this module to your best friend?

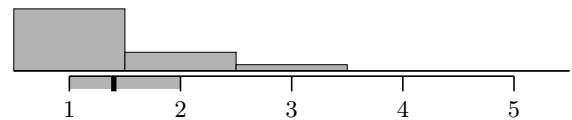Yes – No   71 %   21 %   7 %   0 %   0 %

Answers: 14
Mean: 1.4
Standard-Deviation: 0.6

        1   2   3   4   5

3.1.6 In relation to the number of credit points awarded, is the amount of work to be done justified?

Too high – Too low   0 %   7 %   93 %   0 %   0 %

Answers: 14
Mean: 2.9
Standard-Deviation: 0.3

        1   2   3   4   5
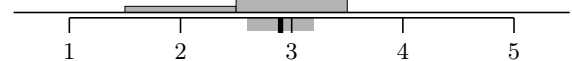
3.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks. . . ?

[0,3) hours	7 %	
[3,6) hours	64 %	
[6,8) hours	29 %	
[8,10) hours	0 %	
[10,12) hours	0 %	
[12,∞) hours	0 %	
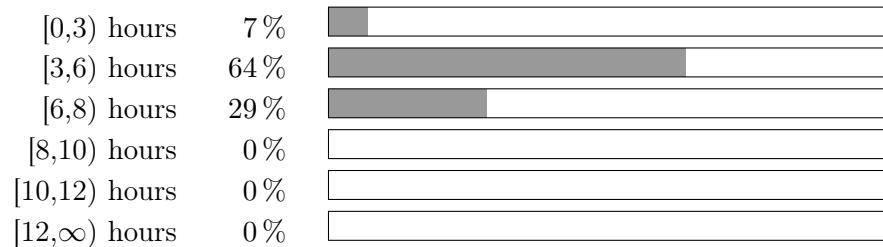
4 Exercise Evaluation

4.1 Please rate the quality of the exercises that accompanied the lecture.

4.1.1 How often did you attend the exercise class?

Always – Never   57 %   14 %   21 %   7 %   0 %

Answers: 14
Mean: 1.8
Standard-Deviation: 1.0

        1   2   3   4   5

4.1.2 Have the exercise sheets been available on time?

Always – Never

| | 50 % | 25 % | 25 % | 0 % | 0 % |

Answers: 12
Mean: 1.8
Standard-Deviation: 0.8

1 2 3 4 5
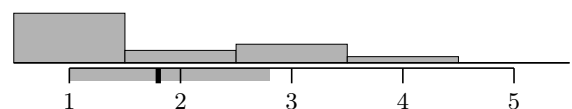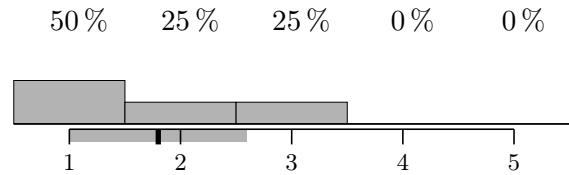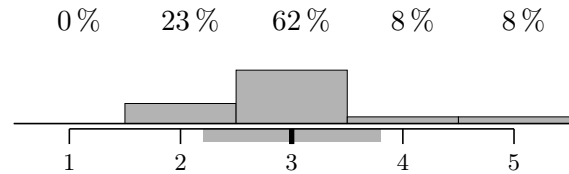
4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

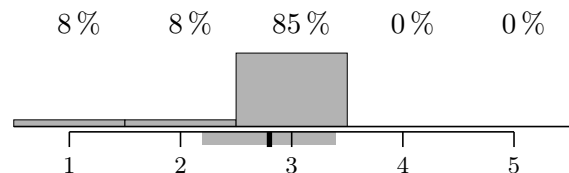| | 0 % | 23 % | 62 % | 8 % | 8 % |

Answers: 13
Mean: 3.0
Standard-Deviation: 0.8

1 2 3 4 5

4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

| | 8 % | 8 % | 85 % | 0 % | 0 % |

Answers: 13
Mean: 2.8
Standard-Deviation: 0.6

1 2 3 4 5

4.1.5 Judge the size of your exercise group!

Too big – Too small

| | 0 % | 0 % | 92 % | 0 % | 8 % |

Answers: 12
Mean: 3.2
Standard-Deviation: 0.6

1 2 3 4 5
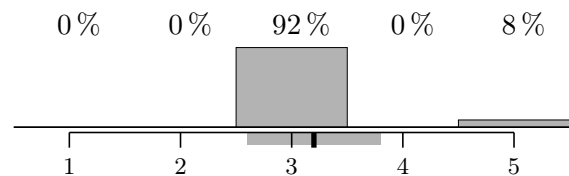
4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

| | 0 % | 31 % | 69 % | 0 % | 0 % |

Answers: 13
Mean: 2.7
Standard-Deviation: 0.5

1 2 3 4 5
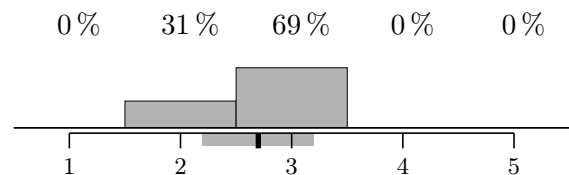
5 Exercise Class Evaluation

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

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

Answers: 7
Mean: 1.9
Standard-Deviation: 0.8

1 2 3 4 5

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

Always – Never   43 %   29 %   29 %   0 %   0 %

Answers: 7
Mean: 1.9
Standard-Deviation: 0.8

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1    2    3    4    5
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5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never   43 %   29 %   29 %   0 %   0 %

Answers: 7
Mean: 1.9
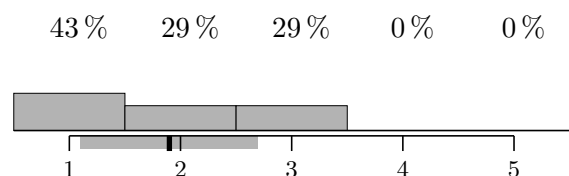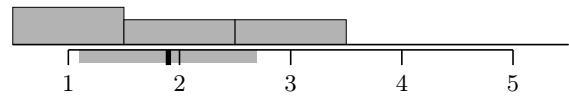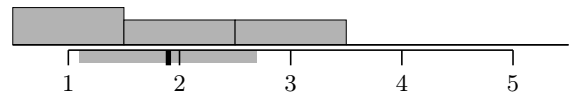Standard-Deviation: 0.8

```
1    2    3    4    5
```

5.1.4 Would you recommend visiting this exercise class?

Yes – No   50 %   25 %   13 %   13 %   0 %

Answers: 8
Mean: 1.9
Standard-Deviation: 1.1

```
1    2    3    4    5
```
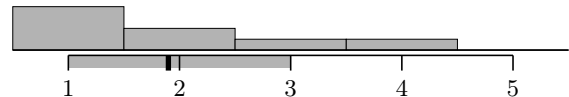
6 Comprehensive Rating

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

excellent (1)	29 %	
good (2)	71 %	
satisfactory (3)	0 %	
adequate (4)	0 %	
poor (5)	0 %	
very poor (6)	0 %	
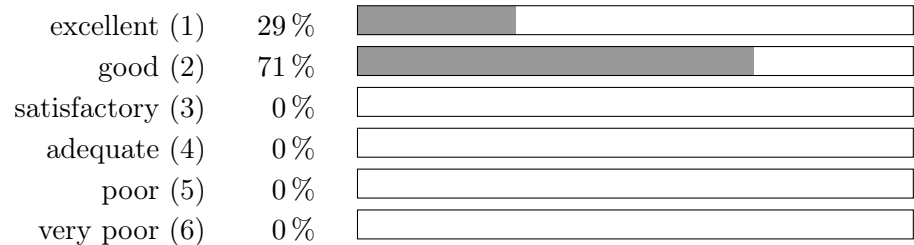
7 Free Text Comments

7.1 Which aspects of the course did you like?

The demonstrations are good and interesting

The introductory lecture was very motivating. And good detailed explanations of the formula always

The topic is very interesting, and I am interested extremely

The rider plots are very nice and helpfull

everything

7.2 What could be improved?

The tasks for the exercise would be more convenient to look at if they were seperated from the lecture slides

the order of slides
the slides could have titles

7.3 You can leave remarks and further feedback here.

Unfortunately, I could not complete the Koluran Filter project because of some personal problems. But I like the subject. Generally it weas very interesting

cleaning up the slides would be good

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	40
Number of students in the lecture at the end of the semester	38
Number of students participating in the exercise classes at the beginning of the semester	40
Number of students participating in the exercise classes at the end of the semester	20
Number of students that have registered for the exam	38

2 Exercise classes

Number of exercise classes	1
Average number of students per exercise class at the end of the semester	20

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

Not applicable: There is only one exercise class.

3 Helpful stuff

The students were provided with a test exam.

The students were provided with sample solutions for exercise tasks.

4 Free text comments

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

The students learned WebGL - a modern framework for interactive 3D graphics - in the course of the lecture and got to practice their skills in the practical tasks of the exercises and in the tutorials. WebGL is a JavaScript API, which allows running it in a web browser. Therefore, the usual hassles associated with compiling code are no longer given and the students can focus on solving the actual programming tasks.

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

The programming frameworks are a bit limiting with regard to the creativity of the students. Maybe starting from scratch and having the students progressively develop their own framework over the course of the semester is more rewarding. It will allow deeper insights into the technical backgrounds and open doors for more creativity.

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

4.4 Further remarks