

Data Science and Big Data – Dr. Tamas Horvath; PD
Dr. Michael Mock; Prof. Dr. Stefan Wrobel

Lecture Survey – Fachschaft Informatik

November 8, 2017

1 Lecture Evaluation

1.1 Please rate the lecture's concept.

1.1.1 How often did you attend the lecture?

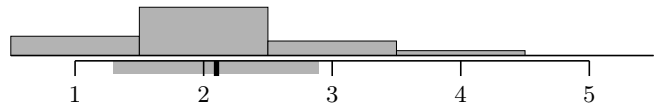
Always – Never

22% 56% 17% 6% 0%

Answers: 18

Mean: 2.1

Standard-Deviation: 0.8



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

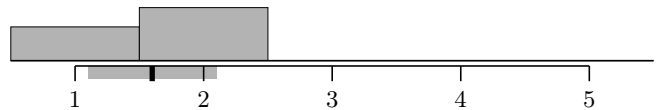
Yes – No

39% 61% 0% 0% 0%

Answers: 18

Mean: 1.6

Standard-Deviation: 0.5



1.1.3 Have topics been illustrated by sensible examples?

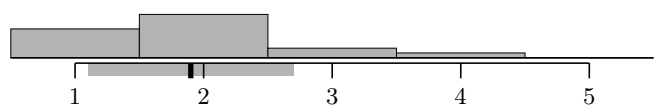
Always – Never

33% 50% 11% 6% 0%

Answers: 18

Mean: 1.9

Standard-Deviation: 0.8



1.1.4 Were the slides/lecture notes helpful?

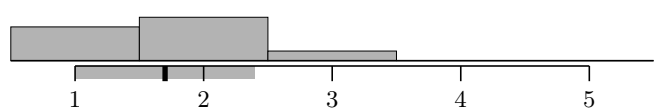
Very helpful – Not helpful

39% 50% 11% 0% 0%

Answers: 18

Mean: 1.7

Standard-Deviation: 0.7



1.1.5 Have the topics been explained extensively enough?

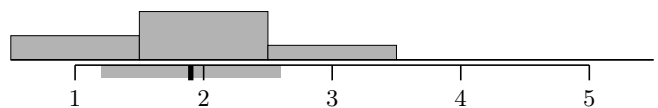
Always – Never

28% 56% 17% 0% 0%

Answers: 18

Mean: 1.9

Standard-Deviation: 0.7



2 Lecturer Evaluation

2.1 Please rate Dr. Tamas Horvath.

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

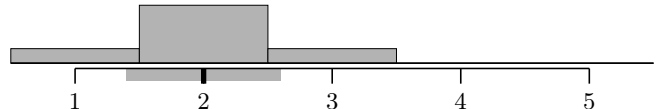
Everything – Nothing

17% 67% 17% 0% 0%

Answers: 18

Mean: 2.0

Standard-Deviation: 0.6



2.1.2 Did the lecturer answer your questions profoundly?

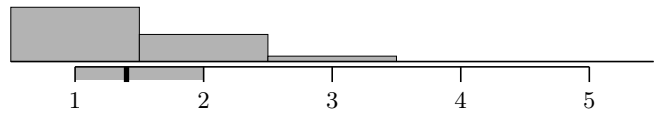
Always – Never

63% 31% 6% 0% 0%

Answers: 16

Mean: 1.4

Standard-Deviation: 0.6



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

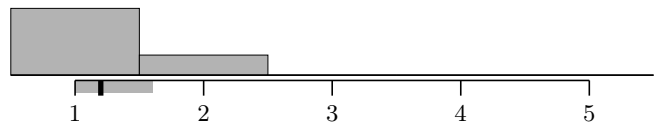
Always – Never

77% 23% 0% 0% 0%

Answers: 13

Mean: 1.2

Standard-Deviation: 0.4



2.1.4 Could you understand the lecturer acoustically?

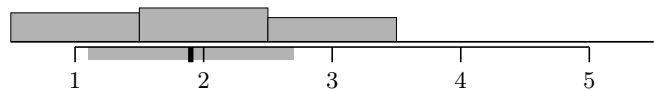
Very well – Not at all

33% 39% 28% 0% 0%

Answers: 18

Mean: 1.9

Standard-Deviation: 0.8



2.1.5 The speed of proceeding was...

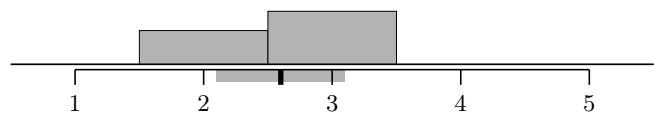
Too fast – Too slow

0% 39% 61% 0% 0%

Answers: 18

Mean: 2.6

Standard-Deviation: 0.5



2.2 Please rate PD Dr. Michael Mock.

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

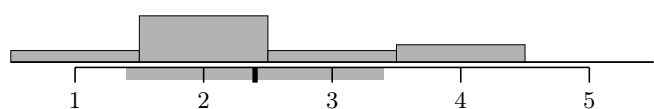
Everything – Nothing

13% 53% 13% 20% 0%

Answers: 15

Mean: 2.4

Standard-Deviation: 1.0



2.2.2 Did the lecturer answer your questions profoundly?

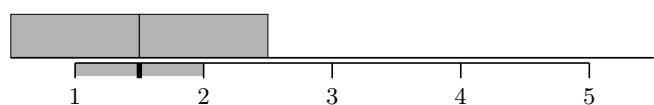
Always – Never

50% 50% 0% 0% 0%

Answers: 12

Mean: 1.5

Standard-Deviation: 0.5



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

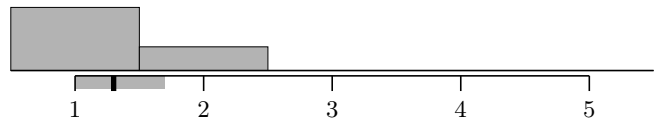
Always – Never

73% 27% 0% 0% 0%

Answers: 11

Mean: 1.3

Standard-Deviation: 0.4



2.2.4 Could you understand the lecturer acoustically?

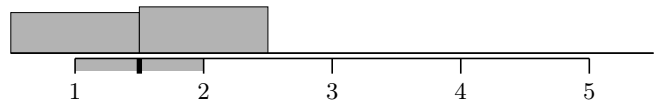
Very well – Not at all

47% 53% 0% 0% 0%

Answers: 15

Mean: 1.5

Standard-Deviation: 0.5



2.2.5 The speed of proceeding was...

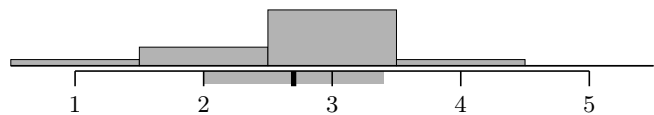
Too fast – Too slow

7% 21% 64% 7% 0%

Answers: 14

Mean: 2.7

Standard-Deviation: 0.7



2.3 Please rate Prof. Dr. Stefan Wrobel.

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

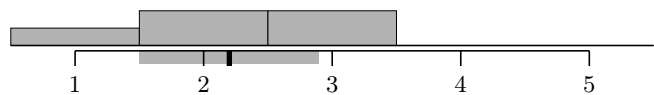
Everything – Nothing

20% 40% 40% 0% 0%

Answers: 5

Mean: 2.2

Standard-Deviation: 0.7



2.3.2 Did the lecturer answer your questions profoundly?

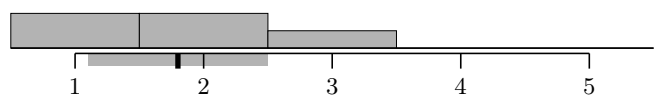
Always – Never

40% 40% 20% 0% 0%

Answers: 5

Mean: 1.8

Standard-Deviation: 0.7



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

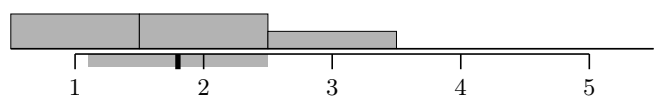
Always – Never

40% 40% 20% 0% 0%

Answers: 5

Mean: 1.8

Standard-Deviation: 0.7



2.3.4 Could you understand the lecturer acoustically?

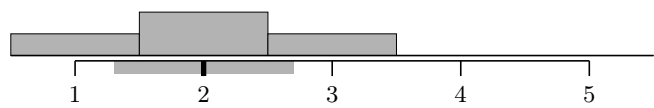
Very well – Not at all

25% 50% 25% 0% 0%

Answers: 4

Mean: 2.0

Standard-Deviation: 0.7



2.3.5 The speed of proceeding was...

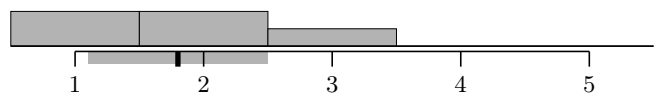
Too fast – Too slow

40% 40% 20% 0% 0%

Answers: 5

Mean: 1.8

Standard-Deviation: 0.7



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?

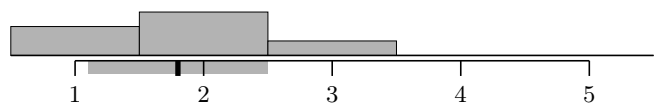
Much – Nothing

33% 50% 17% 0% 0%

Answers: 18

Mean: 1.8

Standard-Deviation: 0.7



3.1.2 Do the obligatory course achievements support successful completion of the module?

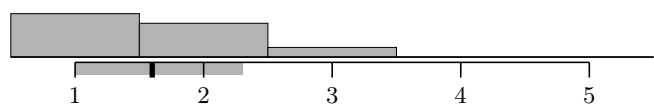
Yes – No

50% 39% 11% 0% 0%

Answers: 18

Mean: 1.6

Standard-Deviation: 0.7



3.1.3 Do you think the obligatory course achievements are adequate?

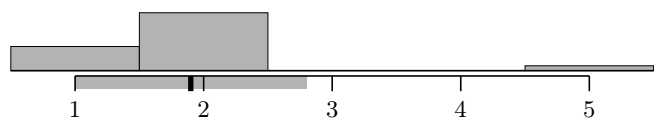
Yes – No

28% 67% 0% 0% 6%

Answers: 18

Mean: 1.9

Standard-Deviation: 0.9



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

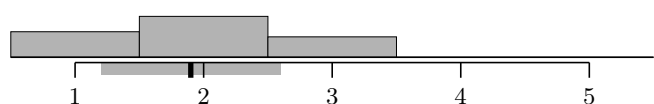
Strongly inc. – Strongly dec.

29% 47% 24% 0% 0%

Answers: 17

Mean: 1.9

Standard-Deviation: 0.7



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

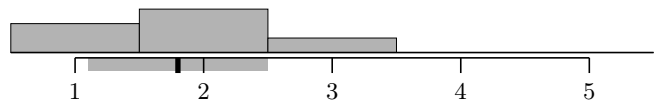
Yes – No

33% 50% 17% 0% 0%

Answers: 18

Mean: 1.8

Standard-Deviation: 0.7



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

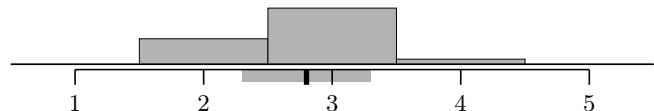
Too high – Too low

0% 29% 65% 6% 0%

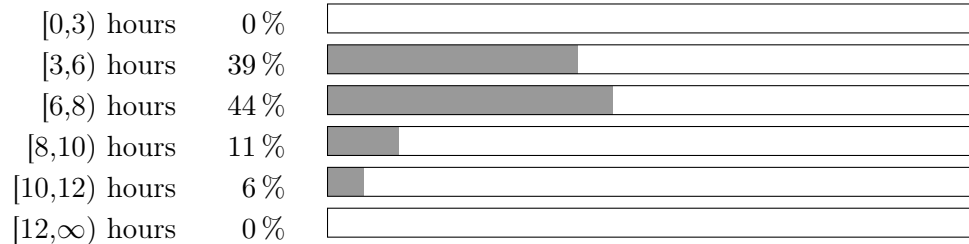
Answers: 17

Mean: 2.8

Standard-Deviation: 0.5



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



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?

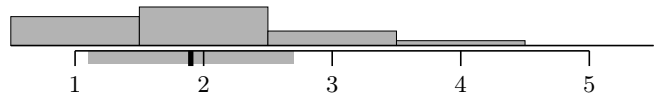
Always – Never

33% 44% 17% 6% 0%

Answers: 18

Mean: 1.9

Standard-Deviation: 0.8



4.1.2 Have the exercise sheets been available on time?

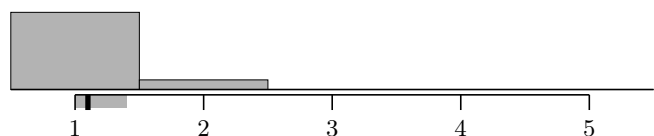
Always – Never

89% 11% 0% 0% 0%

Answers: 18

Mean: 1.1

Standard-Deviation: 0.3



4.1.3 The difficulty of the exercise sheets varied...

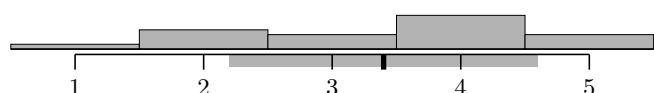
Not at all – Greatly

6% 22% 17% 39% 17%

Answers: 18

Mean: 3.4

Standard-Deviation: 1.2



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

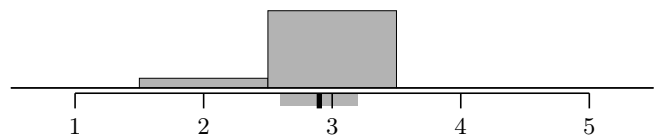
Lecture far ahead – Lecture far behind

0% 11% 89% 0% 0%

Answers: 18

Mean: 2.9

Standard-Deviation: 0.3



4.1.5 Judge the size of your exercise group!

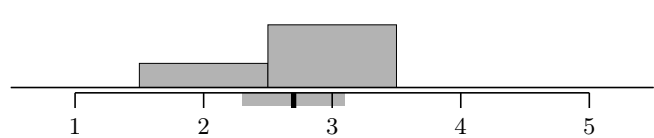
Too big – Too small

0% 28% 72% 0% 0%

Answers: 18

Mean: 2.7

Standard-Deviation: 0.4



4.1.6 Usually I thought the exercises were...

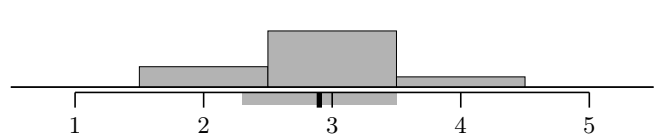
Too difficult – Very easy

0% 24% 65% 12% 0%

Answers: 17

Mean: 2.9

Standard-Deviation: 0.6



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?

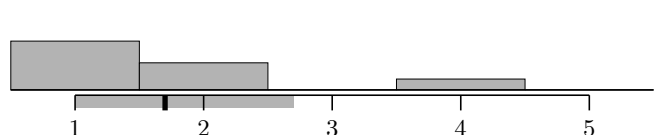
Always – Never

56% 31% 0% 13% 0%

Answers: 16

Mean: 1.7

Standard-Deviation: 1.0



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

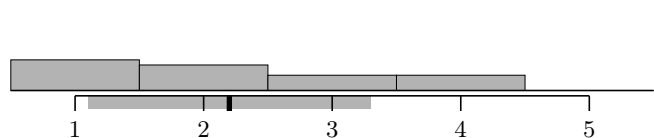
Always – Never

35% 29% 18% 18% 0%

Answers: 17

Mean: 2.2

Standard-Deviation: 1.1



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

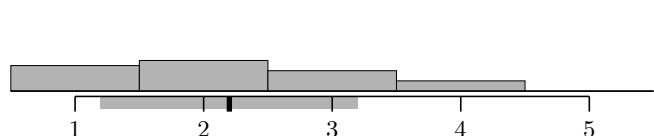
Always – Never

29% 35% 24% 12% 0%

Answers: 17

Mean: 2.2

Standard-Deviation: 1.0



5.1.4 Would you recommend visiting this exercise class?

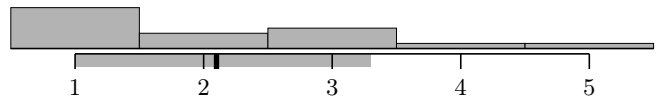
Yes – No

47% 18% 24% 6% 6%

Answers: 17

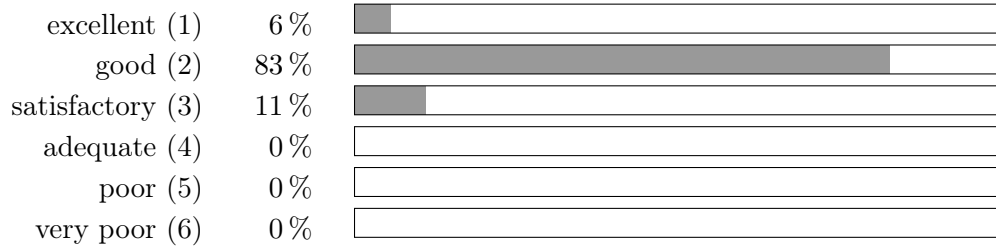
Mean: 2.1

Standard-Deviation: 1.2



6 Comprehensive Rating

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



7 Free Text Comments

7.1 Which aspects of the course did you like?

the theoretical part

The course covered theory and practical programming skills.

Intro to New Technologies

overall Good.

All most all.

Application scalability

mathematical aspects

theoretical exercises

The part of Dr. Horvath.

toller Vorlesungsstil von Dr. Horvath

7.2 What could be improved?

limit to either obligatory homework or midterm exam

Lectures about programming can be hard to follow, maybe it would be easier to read a tutorial instead

Could include some more topics.

SPARK/STORM, examples covering with claim

Programming task could be explained in detail

Integrate the "Systems"-part Into the theoretical part

classroom situation, introduction to hadoop/spark

- programming exercises (more info/framework)
 - exams in this area are weird: you can get a good grade if you just memorize and may get a bad grad if you don't
-

The part of Dr. Mock.

Programmieraufgaben SetUp Anleitung

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	30
Number of students participating in the exercise classes at the beginning of the semester	30
Number of students participating in the exercise classes at the end of the semester	20
Number of students that have registered for the exam	30

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

There has been a text exam.

Sample solutions for exercise tasks have been distributed.

4 Free text comments

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

-

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

-

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

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