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

Lecture Survey – Fachschaft Informatik

November 29, 2016

Turned in Questionnaires: 12

1 Lecture Evaluation

1.1 Please rate the lecture's concept.

1.1.1 How often did you attend the lecture?

Always – Never

| 75 % | 17 % | 0 % | 8 % | 0 % |

Answers: 12
Mean: 1.4
Standard-Deviation: 0.9
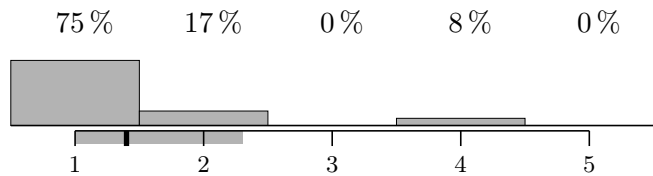
1.1.2 Did the lecture appear to be clearly structured to you?

Yes – No

| 50 % | 8 % | 33 % | 8 % | 0 % |

Answers: 12
Mean: 2.0
Standard-Deviation: 1.1
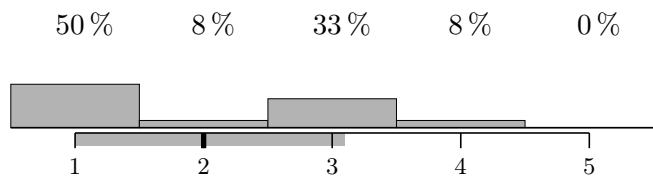
1.1.3 Have topics been illustrated by sensible examples?

Always – Never

| 17 % | 50 % | 25 % | 8 % | 0 % |

Answers: 12
Mean: 2.2
Standard-Deviation: 0.8
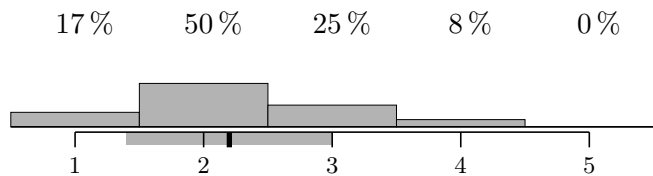
1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful

| 25 % | 58 % | 8 % | 8 % | 0 % |

Answers: 12
Mean: 2.0
Standard-Deviation: 0.8
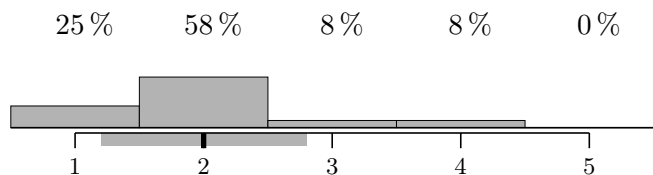
1.1.5 Have the topics been explained extensively enough?

Always – Never

| 25 % | 50 % | 17 % | 8 % | 0 % |

Answers: 12
Mean: 2.1
Standard-Deviation: 0.9
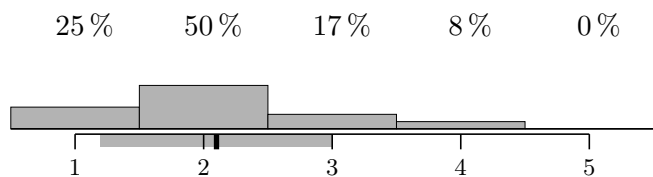
2 Lecturer Evaluation

2.1 Please rate Dr. Tamas Horvath.

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

Everything – Nothing

| 8 % | 50 % | 42 % | 0 % | 0 % |

Answers: 12
Mean: 2.3
Standard-Deviation: 0.6
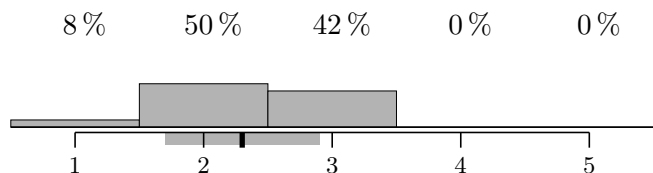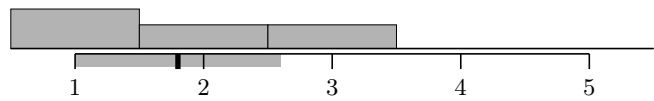
2.1.2 Did the lecturer answer your questions profoundly?

Always – Never   46 %   27 %   27 %   0 %   0 %

Answers: 11
Mean: 1.8
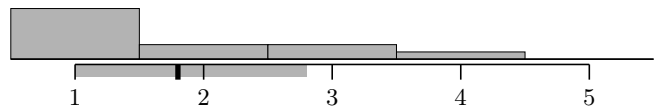Standard-Deviation: 0.8

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

Always – Never   58 %   17 %   17 %   8 %   0 %
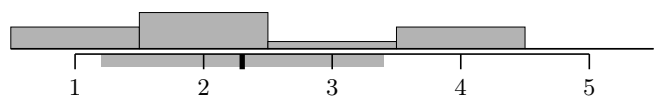
Answers: 12
Mean: 1.8
Standard-Deviation: 1.0

2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all   25 %   42 %   8 %   25 %   0 %
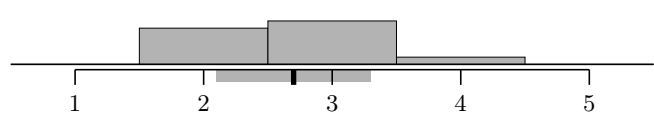
Answers: 12
Mean: 2.3
Standard-Deviation: 1.1

2.1.5 The speed of proceeding was...

Too fast – Too slow   0 %   42 %   50 %   8 %   0 %

Answers: 12
Mean: 2.7
Standard-Deviation: 0.6

2.2 Please rate PD Dr. Michael Mock.
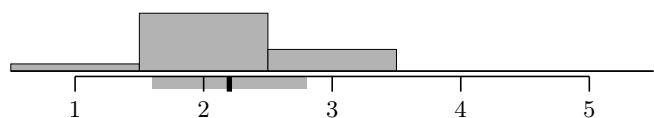
2.2.1 How much of the content do you understand during the lecture?

Everything – Nothing   8 %   67 %   25 %   0 %   0 %
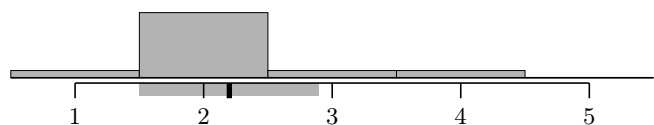
Answers: 12
Mean: 2.2
Standard-Deviation: 0.6

2.2.2 Did the lecturer answer your questions profoundly?

Always – Never   8 %   75 %   8 %   8 %   0 %

Answers: 12
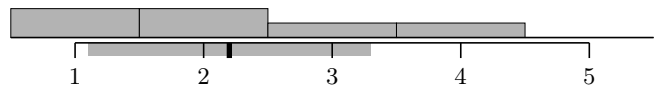Mean: 2.2
Standard-Deviation: 0.7

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

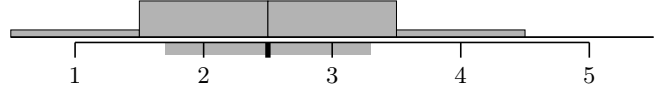Always – Never   33 %   33 %   17 %   17 %   0 %

Answers: 12
Mean: 2.2
Standard-Deviation: 1.1

2.2.4 Could you understand the lecturer acoustically?

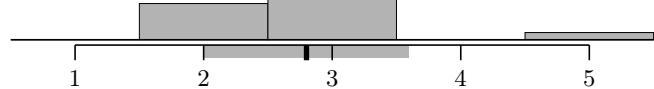Very well – Not at all   8 %   42 %   42 %   8 %   0 %

Answers: 12
Mean: 2.5
Standard-Deviation: 0.8

2.2.5 The speed of proceeding was...

Too fast – Too slow   0 %   42 %   50 %   0 %   8 %

Answers: 12
Mean: 2.8
Standard-Deviation: 0.8

2.3 Please rate Prof. Dr. Stefan Wrobel.

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

Everything – Nothing   67 %   0 %   33 %   0 %   0 %

Answers: 3
Mean: 1.7
Standard-Deviation: 0.9

2.3.2 Did the lecturer answer your questions profoundly?

Always – Never   75 %   25 %   0 %   0 %   0 %

Answers: 4
Mean: 1.2
Standard-Deviation: 0.4

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

Always – Never   50 %   0 %   50 %   0 %   0 %

Answers: 4
Mean: 2.0
Standard-Deviation: 1.0

2.3.4 Could you understand the lecturer acoustically?

Very well – Not at all 50 % 50 % 0 % 0 % 0 %

Answers: 4
Mean: 1.5
Standard-Deviation: 0.5

2.3.5 The speed of proceeding was...

Too fast – Too slow 0 % 75 % 25 % 0 % 0 %
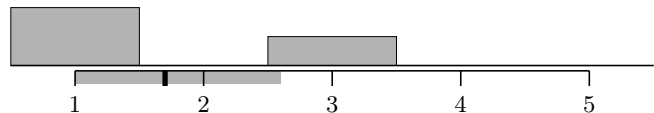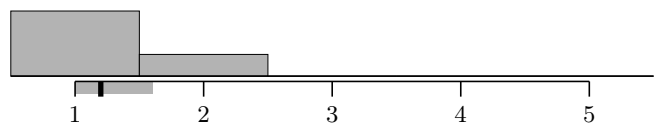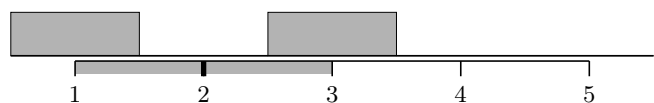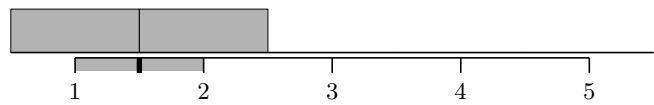
Answers: 4
Mean: 2.2
Standard-Deviation: 0.4
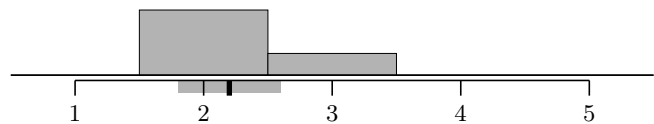
3 Module Evaluation

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 58 % 17 % 25 % 0 % 0 %

Answers: 12
Mean: 1.7
Standard-Deviation: 0.8
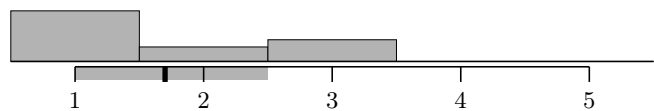
3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No 18 % 64 % 9 % 0 % 9 %

Answers: 11
Mean: 2.2
Standard-Deviation: 1.0

3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No 33 % 25 % 17 % 17 % 8 %

Answers: 12
Mean: 2.4
Standard-Deviation: 1.3

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

Strongly inc. – Strongly dec. 25 % 33 % 33 % 8 % 0 %

Answers: 12
Mean: 2.2
Standard-Deviation: 0.9

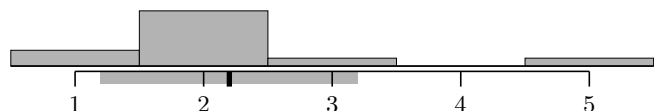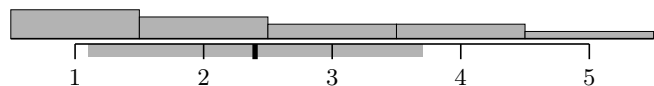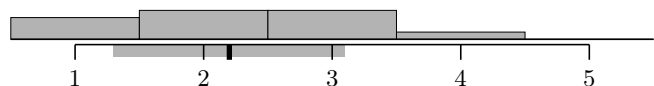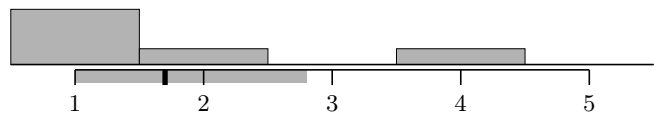### 3.1.5 Would you recommend taking this module to your best friend?

Yes – No   64 %   18 %   0 %   18 %   0 %

Answers: 11
Mean: 1.7
Standard-Deviation: 1.1

| 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 %   33 %   58 %   8 %   0 %

Answers: 12
Mean: 2.8
Standard-Deviation: 0.6

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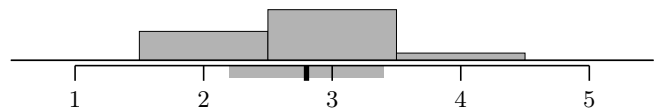
3.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks. . . ?

[0,3) hours	0 %
[3,6) hours	33 %
[6,8) hours	25 %
[8,10) hours	8 %
[10,12) hours	33 %
[12,∞) hours	0 %
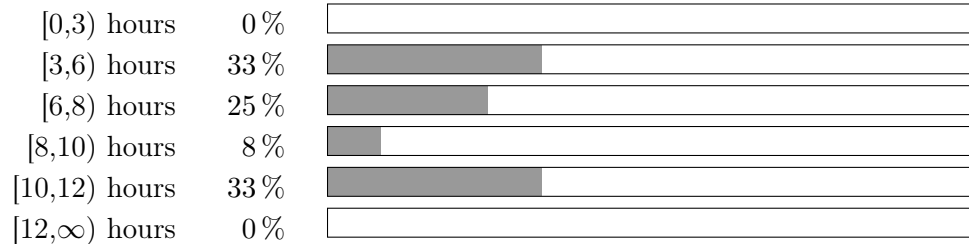
4 Exercise Evaluation

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   67 %   25 %   0 %   8 %   0 %

Answers: 12
Mean: 1.5
Standard-Deviation: 0.9

| 1 | 2 | 3 | 4 | 5 |
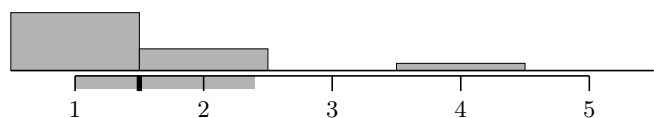
4.1.2 Have the exercise sheets been available on time?

Always – Never   100 %   0 %   0 %   0 %   0 %

Answers: 12
Mean: 1.0
Standard-Deviation: 0.0

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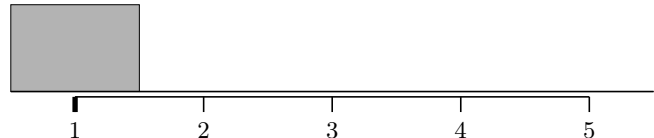
4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly   0 %   8 %   50 %   25 %   17 %

Answers: 12
Mean: 3.5
Standard-Deviation: 0.9

| 1 | 2 | 3 | 4 | 5 |
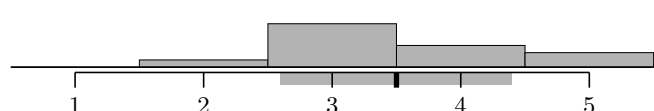
4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

| | 0 % | 17 % | 83 % | 0 % | 0 % |

Answers: 12
Mean: 2.8
Standard-Deviation: 0.4
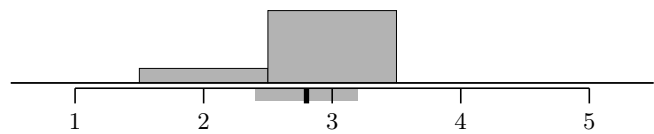
4.1.5 Judge the size of your exercise group!

Too big – Too small

| | 0 % | 25 % | 58 % | 8 % | 8 % |

Answers: 12
Mean: 3.0
Standard-Deviation: 0.8
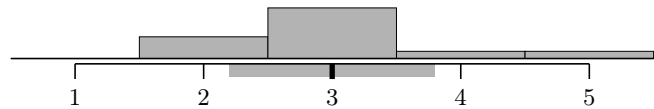
4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

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

Answers: 12
Mean: 2.5
Standard-Deviation: 0.5
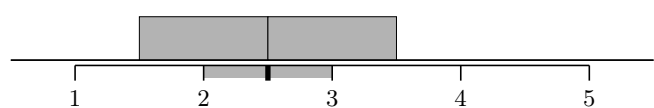
5 Exercise Class Evaluation

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

| | 25 % | 50 % | 8 % | 8 % | 8 % |

Answers: 12
Mean: 2.2
Standard-Deviation: 1.2
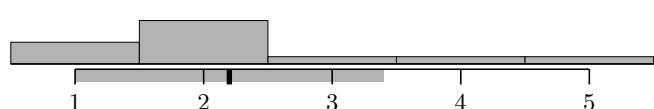
5.1.2 Could you understand your tutor's corrections and gradings?

Always – Never

| | 8 % | 25 % | 42 % | 25 % | 0 % |

Answers: 12
Mean: 2.8
Standard-Deviation: 0.9
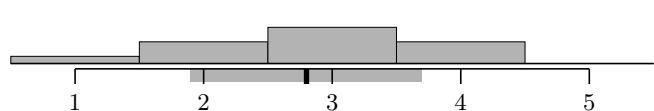
5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never

| | 8 % | 33 % | 25 % | 25 % | 8 % |

Answers: 12
Mean: 2.9
Standard-Deviation: 1.1

5.1.4 Would you recommend visiting this exercise class?

Yes – No   25 %   25 %   25 %   25 %   0 %

Answers: 12
Mean: 2.5
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)	8 %	
good (2)	50 %	
satisfactory (3)	17 %	
adequate (4)	17 %	
poor (5)	0 %	
very poor (6)	0 %	

7 Free Text Comments

7.1 Which aspects of the course did you like?

Data Science part was great

Comprehensive explanation of theory

Theoretical Lectures were great!

I like the Bloom fitee, Minhash topic & interesting too.

HOT TOPIC

7.2 What could be improved?

Programming exercise of Hadoog caused many problems

programming tasks. Give empty classes that just have to be completed (because structure confusing) English in exercise sheets partly terrible

Planning of Programming Exercises

More explanations and examples on practical part of lecture

Spash instead of Hardoop

More practical work on bigdata systems

Practical Programming assignments should be more.

BE OFFER EVERY SEMESTER FOLLOW A BOOK PROPERLY

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	35
Number of students in the lecture at the end of the semester	25
Number of students participating in the exercise classes at the beginning of the semester	35
Number of students participating in the exercise classes at the end of the semester	25
Number of students that have registered for the exam	25

2 Exercise classes

Number of exercise classes	1
Average number of students per exercise class at the end of the semester	25

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

-