

Intelligent Learning and Analysis Systems: Data Mining and Knowledge Discovery – Prof.  
Dr. Stefan Wrobel; Dr. Tamas Horvath

Intelligent Learning and Analysis Systems: Data Mining and  
Knowledge Discovery – Prof. Dr. Stefan Wrobel; Dr. Tamas  
Horvath

Lecture Survey – Fachschaft Informatik

October 28, 2018

# 1 Lecture Evaluation

## 1.1 Please rate the lecture's concept.

1.1.1 How often did you attend the lecture?

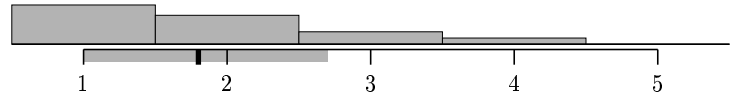
Always – Never

45 % 33 % 14 % 7 % 0 %

Answers: 42

Mean: 1.8

Standard-Deviation: 0.9



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

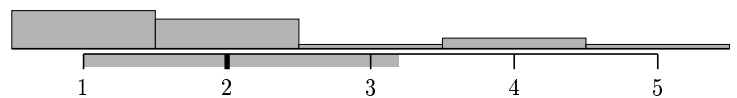
Yes – No

44 % 34 % 5 % 12 % 5 %

Answers: 41

Mean: 2.0

Standard-Deviation: 1.2



1.1.3 Have topics been illustrated by sensible examples?

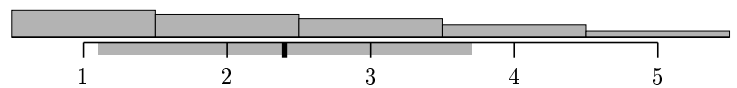
Always – Never

31 % 26 % 21 % 14 % 7 %

Answers: 42

Mean: 2.4

Standard-Deviation: 1.3



1.1.4 Were the slides/lecture notes helpful?

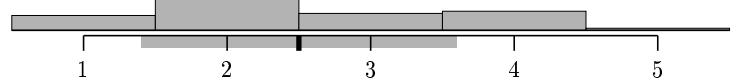
Very helpful – Not helpful

17 % 39 % 20 % 22 % 2 %

Answers: 41

Mean: 2.5

Standard-Deviation: 1.1



1.1.5 Have the topics been explained extensively enough?

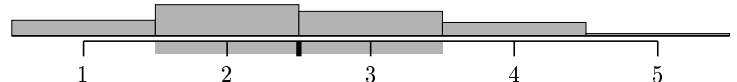
Always – Never

18 % 36 % 28 % 15 % 3 %

Answers: 39

Mean: 2.5

Standard-Deviation: 1.0



## 2 Lecturer Evaluation

### 2.1 Please rate Prof. Dr. Stefan Wrobel.

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

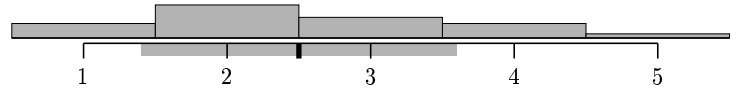
Everything – Nothing

17%      38%      24%      17%      5%

Answers: 42

Mean: 2.5

Standard-Deviation: 1.1



2.1.2 Did the lecturer answer your questions profoundly?

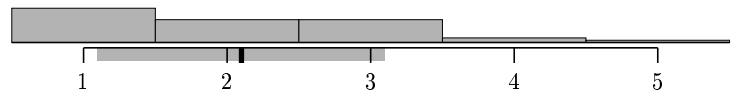
Always – Never

40%      26%      26%      5%      3%

Answers: 38

Mean: 2.1

Standard-Deviation: 1.0



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

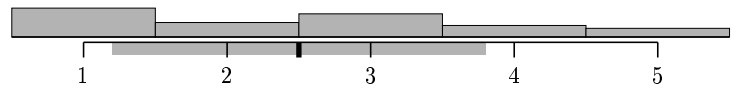
Always – Never

33%      17%      27%      13%      10%

Answers: 30

Mean: 2.5

Standard-Deviation: 1.3



2.1.4 Could you understand the lecturer acoustically?

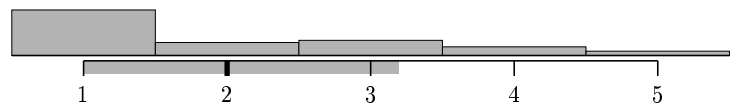
Very well – Not at all

52%      15%      18%      10%      5%

Answers: 40

Mean: 2.0

Standard-Deviation: 1.2



2.1.5 The speed of proceeding was...

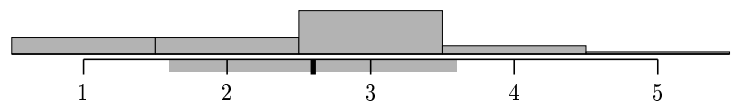
Too fast – Too slow

19%      19%      50%      10%      2%

Answers: 42

Mean: 2.6

Standard-Deviation: 1.0



## 2.2 Please rate Dr. Tamas Horvath.

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

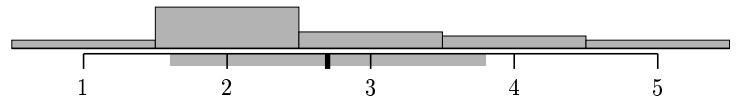
Everything – Nothing

10 %      48 %      19 %      14 %      10 %

Answers: 42

Mean: 2.7

Standard-Deviation: 1.1



2.2.2 Did the lecturer answer your questions profoundly?

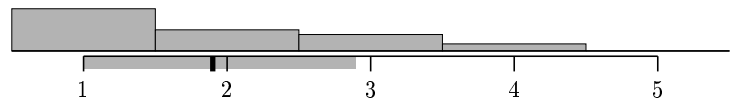
Always – Never

49 %      24 %      19 %      8 %      0 %

Answers: 37

Mean: 1.9

Standard-Deviation: 1.0



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

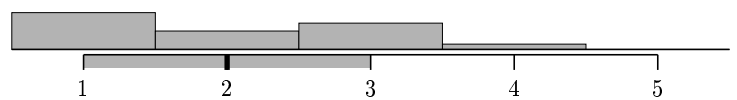
Always – Never

42 %      21 %      30 %      6 %      0 %

Answers: 33

Mean: 2.0

Standard-Deviation: 1.0



2.2.4 Could you understand the lecturer acoustically?

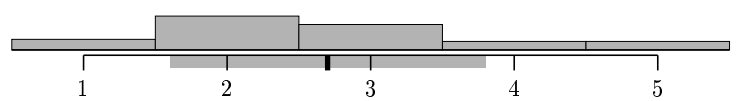
Very well – Not at all

12 %      39 %      29 %      10 %      10 %

Answers: 41

Mean: 2.7

Standard-Deviation: 1.1



2.2.5 The speed of proceeding was...

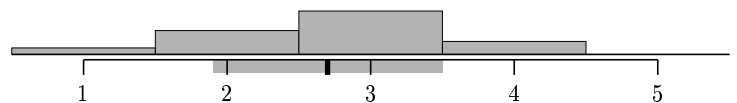
Too fast – Too slow

7 %      27 %      50 %      15 %      0 %

Answers: 40

Mean: 2.7

Standard-Deviation: 0.8



## 3 Module Evaluation

### 3.1 Please rate the module as a whole.

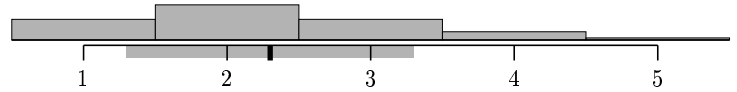
3.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing 24% 40% 24% 10% 2%

Answers: 42

Mean: 2.3

Standard-Deviation: 1.0



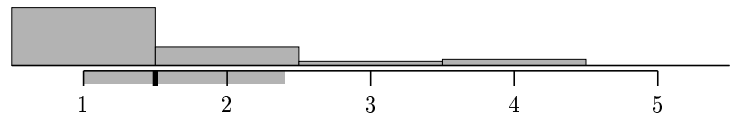
3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No 67% 21% 5% 7% 0%

Answers: 42

Mean: 1.5

Standard-Deviation: 0.9



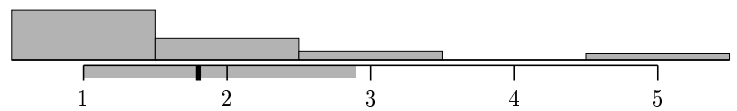
3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No 57% 25% 10% 0% 7%

Answers: 40

Mean: 1.8

Standard-Deviation: 1.1



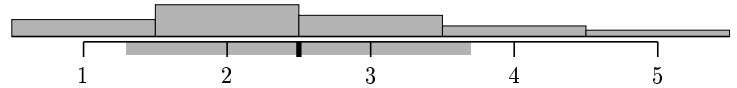
3.1.4 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec. 20% 37% 24% 12% 7%

Answers: 41

Mean: 2.5

Standard-Deviation: 1.2



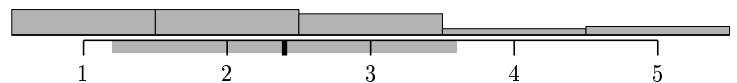
3.1.5 Would you recommend taking this module to your best friend?

Yes – No 29% 29% 24% 7% 10%

Answers: 41

Mean: 2.4

Standard-Deviation: 1.2



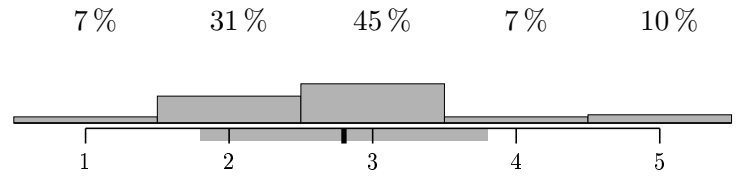
3.1.6 In relation to the number of credit points awarded, is the amount of work to be done justified?

Too high – Too low

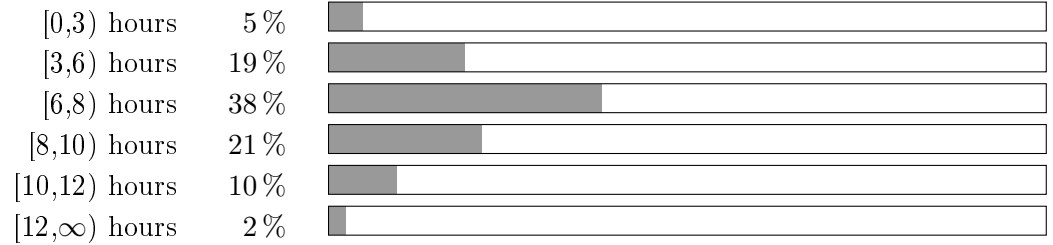
Answers: 42

Mean: 2.8

Standard-Deviation: 1.0



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.

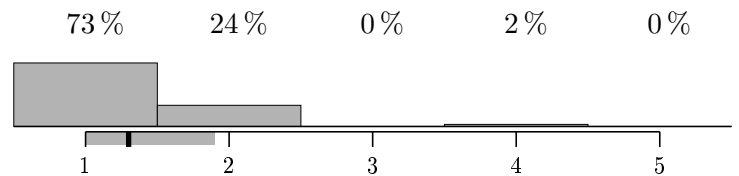
4.1.1 How often did you attend the exercise class?

Always – Never

Answers: 41

Mean: 1.3

Standard-Deviation: 0.6



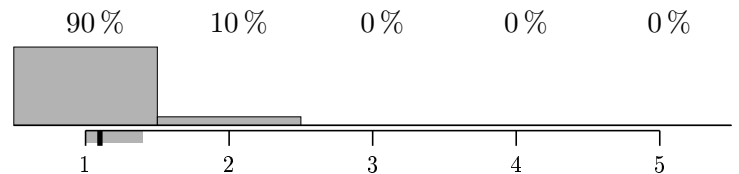
4.1.2 Have the exercise sheets been available on time?

Always – Never

Answers: 41

Mean: 1.1

Standard-Deviation: 0.3



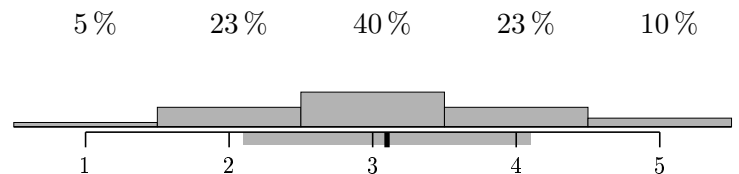
4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

Answers: 40

Mean: 3.1

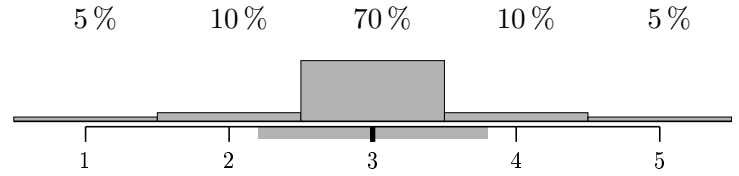
Standard-Deviation: 1.0



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

Lecture far ahead – Lecture far behind

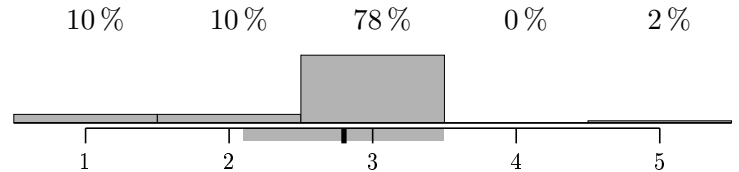
Answers: 40  
Mean: 3.0  
Standard-Deviation: 0.8



#### 4.1.5 Judge the size of your exercise group!

Too big – Too small

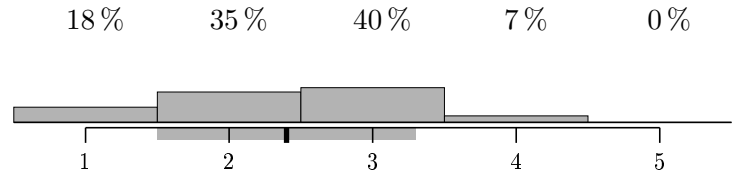
Answers: 41  
Mean: 2.8  
Standard-Deviation: 0.7



#### 4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

Answers: 40  
Mean: 2.4  
Standard-Deviation: 0.9



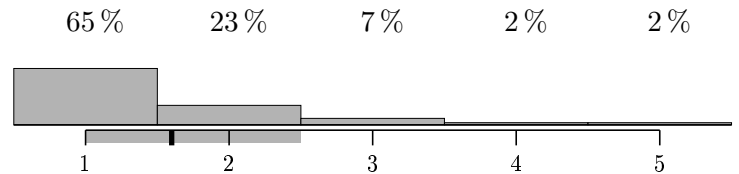
## 5 Exercise Class Evaluation

### 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

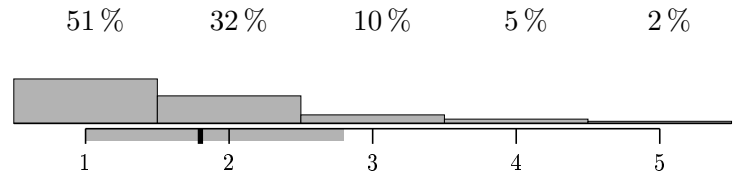
Answers: 40  
Mean: 1.6  
Standard-Deviation: 0.9



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

Always – Never

Answers: 41  
Mean: 1.8  
Standard-Deviation: 1.0



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

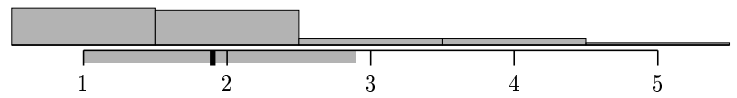
Always – Never

Answers: 40

Mean: 1.9

Standard-Deviation: 1.0

43%      40%      7%      7%      2%



### 5.1.4 Would you recommend visiting this exercise class?

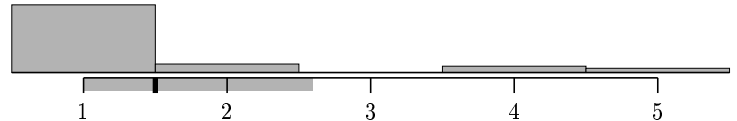
Yes – No

Answers: 41

Mean: 1.5

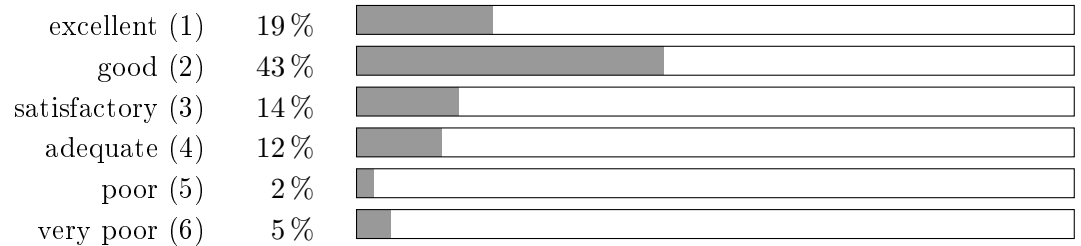
Standard-Deviation: 1.1

78%      10%      0%      7%      5%



## 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?

always examples to the algorithms

the algorithms part

The topics and real-world application was very interesting

Topics

Both lecturer seems very friendly

Algorithm

Nice examples for the algorithms

The content is useful

The midterm prepared us very much for the final exam



few interesting algorithms

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Examples of each algorithms provided in the lecture

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- very interesting topic
  - motivating tutor
- 

Frequent sets

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mainly clustering Algorithms and Association Rule mining upto 1st level

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clustering & association rule mining

---

slides of Dr. Horvath's part

---

have example for every algorithm

---

7.2 What could be improved?

the theoretical part, with proofs B alot to be mugged up & found that irrelevant

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Publish slides before the lecture so one can prepare for it and be able to ask questions. Programming exercises would have been nice

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Other lecture hall. Acoustic was terrible. Really terrible If place doesn't change I wouldn't recommend taking this lecture

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Lot of proof is not industry oriented. And modern upcoming techniques should be taught

---

Lecturer sometimes hard to understand (acoustically)

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Always can't hear the voice of the teacher clearly

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The slides were very unhelpful, with formulas being used without the variables in them explained. Make the slides more clear.

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the work to be done was a lot

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More examples in the lectures could help in understanding the content better

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- slides not two sufficient
  - hardly any link between exercises and lectures
  - provide coding exercises for algorithms right
- 

Programming exercises to better understand the algorithms

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Sometimes, especially guest lectures the lectures were inaudible, I didn't understand a quarter of what the first one said

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more modern topics

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- some definitions/algorithms were not explained good on the slides
  - some more examples on the slides
- 

It could be more practical oriented

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more examples could be given for some complex algorithms like dualize-Advance algorithm

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the lecture notes could be more explanatory

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slides of Prof. Dr. Wrobel's part (please define the notations)

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less provement tasks

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Topics and exercises questions should be more relevant many subtopics are skipped

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The lectures are too theoretical  
Also, the definitions are not always  
rigorous. No programming exercises or  
real life application  
exercises.

7.3 You can leave remarks and further feedback here.

Yes, I wish the course content was less theoretical (with so many proofs) and more of practical application. Even the tutor I got was horrible. Juspile of mails and everything, he/she was never answerable and second too in considerale

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Instead of mathematical proofs & focus more on current industry trends, that will be more beneficial. Prof obviously a person will foget after some time so it does not make any sens. and slides should be more informative

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I hope that teacher could speak loudly and clearly

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Also needs a better room. Could not understand lecturer at all from the echos

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The professor should get examples for the content he teaches. It is sometimes almost impossible to understand and the mathematical proof on the slides during the lecture

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- need to make the slides more informative
  - need to imporve the course intent to match with the industry or other research works being conducted
- 

Some of the exercises were difficult as they needed strong math background

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because of the slides the module was sometimes very frustrating

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The slides could be more explanatory

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- very good explanations of Dr. Hovath (of the alg. and the proofs)

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quality of lecture can be improved. More.