Intelligent Learning and Analysis Systems: Machine Learning – Prof. Dr. Stefan Wrobel, Dr. Tamas Horvath

Lecture Survey – Fachschaft Informatik

May 8, 2019

Turned in Questionnaires: 45

1 Lecture Evaluation

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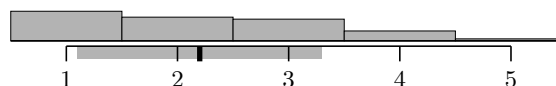
1.1.1 How often did you attend the lecture?

Always – Never   34 %   27 %   25 %   11 %   2 %

Answers: 44
Mean: 2.2
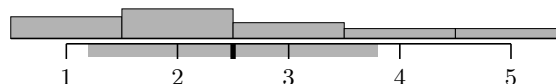Standard-Deviation: 1.1

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

Yes – No   25 %   34 %   18 %   11 %   11 %

Answers: 44
Mean: 2.5
Standard-Deviation: 1.3

1.1.3 Have topics been illustrated by sensible examples?

Always – Never   29 %   29 %   21 %   17 %   5 %

Answers: 42
Mean: 2.4
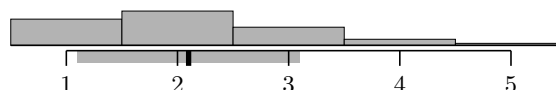Standard-Deviation: 1.2

1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful   30 %   40 %   21 %   7 %   2 %

Answers: 43
Mean: 2.1
Standard-Deviation: 1.0

1.1.5 Have the topics been explained extensively enough?

Always – Never   21 %   28 %   35 %   14 %   2 %

Answers: 43
Mean: 2.5
Standard-Deviation: 1.0

2 Lecturer Evaluation
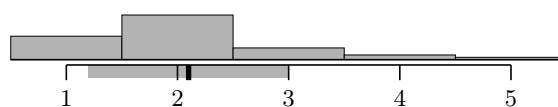
2.1 Please rate Prof. Dr. Stefan Wrobel.

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

Everything – Nothing

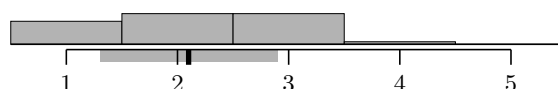| 27 % | 51 % | 13 % | 5 % | 3 % |

Answers: 37
Mean: 2.1
Standard-Deviation: 0.9

2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

| 26 % | 35 % | 35 % | 3 % | 0 % |

Answers: 34
Mean: 2.1
Standard-Deviation: 0.8

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

Always – Never

| 28 % | 28 % | 35 % | 7 % | 3 % |

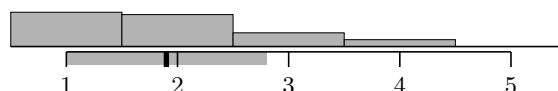Answers: 29
Mean: 2.3
Standard-Deviation: 1.1

2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

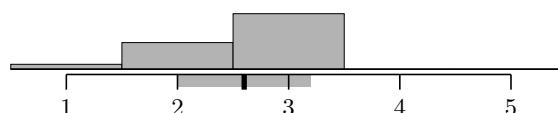| 40 % | 37 % | 16 % | 8 % | 0 % |

Answers: 38
Mean: 1.9
Standard-Deviation: 0.9

2.1.5 The speed of proceeding was...

Too fast – Too slow

| 6 % | 31 % | 64 % | 0 % | 0 % |

Answers: 36
Mean: 2.6
Standard-Deviation: 0.6
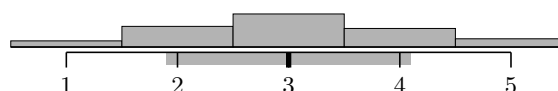
2.2 Please rate Dr. Tamas Horvath.

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

Everything – Nothing

| 7 % | 24 % | 38 % | 21 % | 10 % |

Answers: 42
Mean: 3.0
Standard-Deviation: 1.1

2.2.2 Did the lecturer answer your questions profoundly?
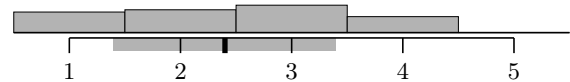
Always – Never   24 %   26 %   32 %   18 %   0 %

Answers: 38
Mean: 2.4
Standard-Deviation: 1.0

1   2   3   4   5

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

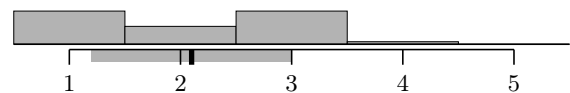Always – Never   38 %   21 %   38 %   3 %   0 %

Answers: 34
Mean: 2.1
Standard-Deviation: 0.9

1   2   3   4   5

2.2.4 Could you understand the lecturer acoustically?
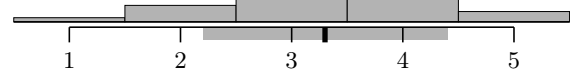
Very well – Not at all   5 %   19 %   29 %   36 %   12 %

Answers: 42
Mean: 3.3
Standard-Deviation: 1.1

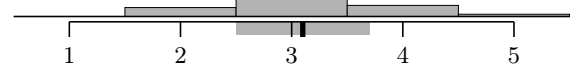1   2   3   4   5

2.2.5 The speed of proceeding was...

Too fast – Too slow   0 %   10 %   74 %   13 %   3 %

Answers: 39
Mean: 3.1
Standard-Deviation: 0.6

1   2   3   4   5

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?
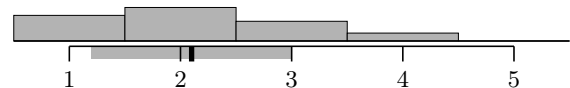
Much – Nothing   29 %   39 %   23 %   9 %   0 %

Answers: 44
Mean: 2.1
Standard-Deviation: 0.9

1   2   3   4   5

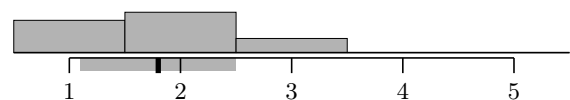3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No   37 %   46 %   16 %   0 %   0 %

Answers: 43
Mean: 1.8
Standard-Deviation: 0.7

1   2   3   4   5

3.1.3 Do you think the obligatory course achievements are adequate?
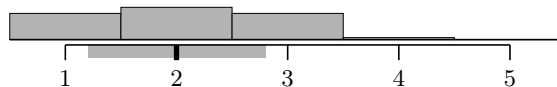
Yes – No

| 30 % | 37 % | 30 % | 2 % | 0 % |

Answers: 43
Mean: 2.0
Standard-Deviation: 0.8

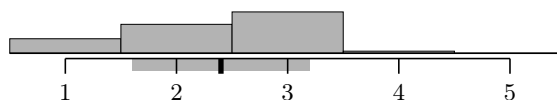### 3.1.4 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec.

| 17 % | 33 % | 48 % | 2 % | 0 % |

Answers: 42
Mean: 2.4
Standard-Deviation: 0.8

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

Yes – No

| 33 % | 26 % | 19 % | 14 % | 9 % |

Answers: 43
Mean: 2.4
Standard-Deviation: 1.3

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

| 5 % | 24 % | 50 % | 17 % | 5 % |

Answers: 42
Mean: 2.9
Standard-Deviation: 0.9
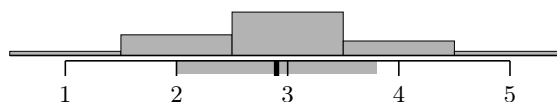
3.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks. . . ?

[0,3) hours	9 %
[3,6) hours	26 %
[6,8) hours	42 %
[8,10) hours	16 %
[10,12) hours	7 %
[12,∞) hours	0 %
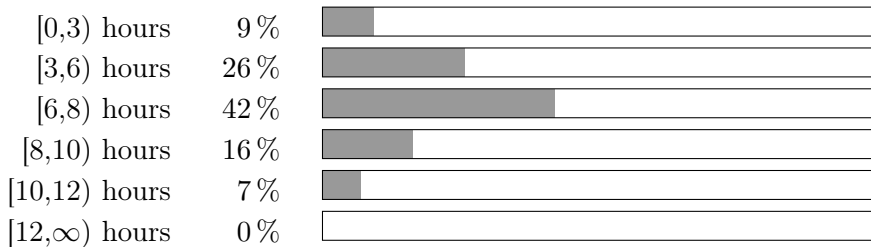
4 Exercise Evaluation

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

| 75 % | 16 % | 4 % | 4 % | 0 % |

Answers: 44
Mean: 1.4
Standard-Deviation: 0.8

4.1.2 Have the exercise sheets been available on time?

Always – Never

| | 84 % | 14 % | 0 % | 2 % | 0 % |

Answers: 44
Mean: 1.2
Standard-Deviation: 0.5

| 1 | 2 | 3 | 4 | 5 |

4.1.3 The difficulty of the exercise sheets varied...

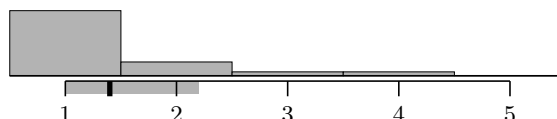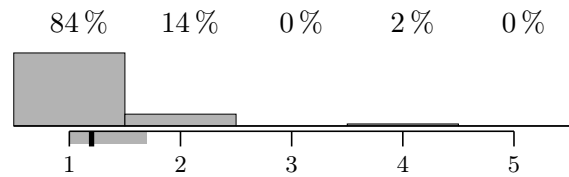Not at all – Greatly

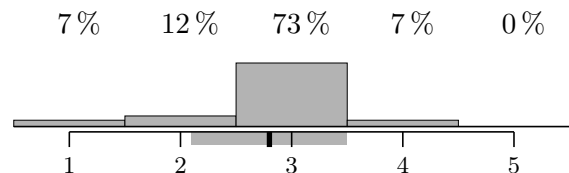| | 4 % | 29 % | 41 % | 18 % | 7 % |

Answers: 44
Mean: 2.9
Standard-Deviation: 1.0

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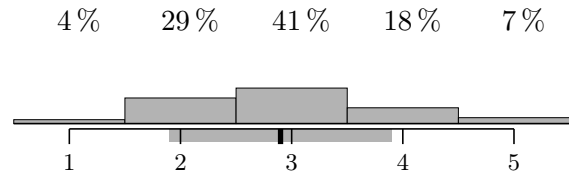
4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

| | 7 % | 12 % | 73 % | 7 % | 0 % |

Answers: 41
Mean: 2.8
Standard-Deviation: 0.7

| 1 | 2 | 3 | 4 | 5 |

4.1.5 Judge the size of your exercise group!

Too big – Too small

| | 7 % | 21 % | 73 % | 0 % | 0 % |

Answers: 44
Mean: 2.7
Standard-Deviation: 0.6

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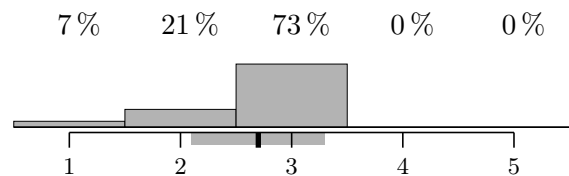
4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

| | 11 % | 46 % | 41 % | 2 % | 0 % |

Answers: 44
Mean: 2.3
Standard-Deviation: 0.7

| 1 | 2 | 3 | 4 | 5 |
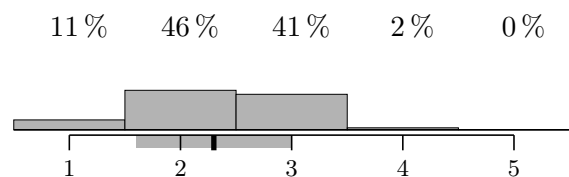
5 Exercise Class Evaluation

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

| | 81 % | 10 % | 5 % | 5 % | 0 % |

Answers: 42
Mean: 1.3
Standard-Deviation: 0.8

| 1 | 2 | 3 | 4 | 5 |
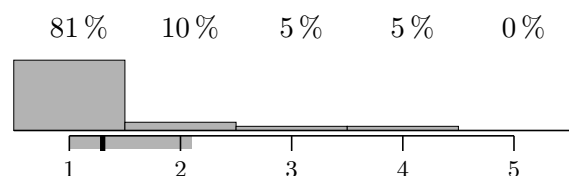
5.1.2 Could you understand your tutor's corrections and gradings?

Always – Never   63 %   21 %   14 %   2 %   0 %

Answers: 43
Mean: 1.6
Standard-Deviation: 0.8

1   2   3   4   5

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

Always – Never   64 %   25 %   7 %   4 %   0 %

Answers: 44
Mean: 1.5
Standard-Deviation: 0.8

1   2   3   4   5

5.1.4 Would you recommend visiting this exercise class?
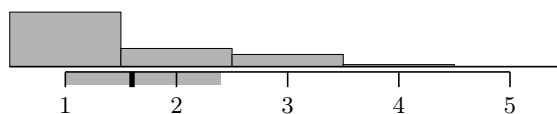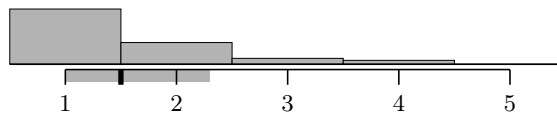
Yes – No   64 %   25 %   9 %   2 %   0 %

Answers: 44
Mean: 1.5
Standard-Deviation: 0.8

1   2   3   4   5
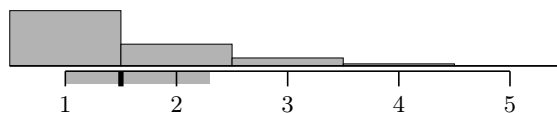
6 Comprehensive Rating

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

excellent (1)	14 %	
good (2)	36 %	
satisfactory (3)	40 %	
adequate (4)	7 %	
poor (5)	2 %	
very poor (6)	0 %	
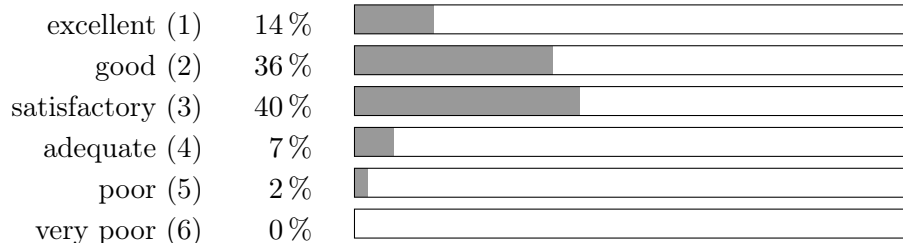
7 Free Text Comments

7.1 Which aspects of the course did you like?

The math fundation

Professor Wrobel explained topics clearly, and showed meaningful examples outside of slides

Exercise Tutor

Good exercise groups
Exam admiscions were really fair

overall topics and content was good. The tutors did good job on exercise classes.

Module introduces the theoretical concepts of Machine Learning

Many examples

good exercises

General topic of lecture very interesting

Technicality

Want to do research/thesis in that particular area

Deep insights into some aspects of ML

Exercise Class

7.2 What could be improved?

Being good at a topic != being good lecturer Dr.Horvath needs to improve how he presents the content and the pace of it

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May change to a smaller room

Programming exercises (some more...)

The professor talked very quietly and was difficult to understand at times. The slides at times felt devoid of meaningful examples or proper explanations

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tension of the lecture (presentation of the topic) could not pay attention for n minutes

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Because of Dr. Horvaths lecturing style the lecture is really hard to follow

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- acoustic, Dr Hovarth was too quit
- more examples

The way it is teach on lecture and better explonation of the mathematical parts of it

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Lectures with better Real time exam

- the slides sometimes didn't define things clearly
- easy slides were discussed for a long time while more difficult topics were mostly skipped / only read from the slides and then moved on

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More practical assignments instead of demonstrations.
It looks like algebra lectures

It would be better if class (lecture) contents were a little bit more easy to understand. We can see the lecture ineficiency by seeing the number of people attending the class

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Tutor was unstructured

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sometimes hard to follow Dr. Hovath
- maybe speak more laudly and clearly
- slower pace of lecture

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make a cause more extensive (like GCP) to cover more material and included more programming exercises

- Practicability
- more computer science than mathematics

Higher focus on neural networks

Lecture contents could be more specific/understandable with relevant graph/pictures

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I made a lot of work to understand some slides

Course would be a bit more practical. More programming exercises using modern tools more information or how things are done in industry.

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change lecturers

Lecture

Less intersection with other Intelligent Systems lectures

Prof Hovath uses way to many ¨Ähm¨ to be understandable

7.3 You can leave remarks and further feedback here.

Please write out the detailed statement in the exercise sheets and do not refer to the slides! (One has to cross-check all the time...)

Mr. Hovath is a great Prof. for sure. But his style of presenting makes sleepy. A more enthusiastic presentation would improve the lecture very much

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Class lecture of Mr. T.H. was not okay for me. Most of times it destructed coneenvration from topics due to some unavoidable things. But I think lectures tried his best anyway

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Time of Mid-Term exam was not suitable, because many students were travelling or arriving in the same week.
Time of last exam is in collision with another exams tool.

Dr. Tamas Hovath is a great proffesor but it's really hard to listen to him.

50% of the lectures topics are covered by other bachelor or master lectures one could hear before this lecture. It would be nice to have more new staff