Feedback from the course evaluation - WS 2013/14

Automated Reasoning

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General information

Information on the project Qualis

- Funded by Saarland University, Qualis is an evaluation project lead by the chair of Differential Psychology and Psychodiagnositics
- Courses in the following degree programmes/facilities are being evaluated: Business Studies, Education, Chemistry, Computational Linguistics, Teaching Methodology, German Studies, Computer Science, Materials Science & Engineering Technology, Medicine, Pharmacology, Psychology, Romance Studies, Key Competences for Lawyers, Language Centre, Centre for Key Competences

Details on the Qualis survey

- The basic form consists of 28 items, one free-response item as well as basic demographic variables
- For purposes of analysis, individual items of the basic form are aggregated into five scales (Lecturer, Structure, Topic, Requirements, Overall Assessment) and reported in terms of these scales.
- The basic form is amended by additional scale items (e.g. presentations, work assignments) based on each course’s specific assessments.

The Qualis-Team would like to thank all students and lecturers for their numerous and extensive participation!
General data

N=16

Age

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;20</td>
<td>10%</td>
</tr>
<tr>
<td>20-21</td>
<td>20%</td>
</tr>
<tr>
<td>22-23</td>
<td>30%</td>
</tr>
<tr>
<td>24-25</td>
<td>40%</td>
</tr>
<tr>
<td>&gt;25</td>
<td>50%</td>
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</tbody>
</table>

Gender

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>f</td>
<td>10%</td>
</tr>
<tr>
<td>m</td>
<td>90%</td>
</tr>
</tbody>
</table>
## Comparison of means

<table>
<thead>
<tr>
<th>Scale</th>
<th>Course</th>
<th></th>
<th>Comparison</th>
<th></th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M</td>
<td>SD</td>
<td>M</td>
<td>SD</td>
<td></td>
</tr>
<tr>
<td>Lecturer</td>
<td>1,68</td>
<td>0,41</td>
<td>1,82</td>
<td>0,64</td>
<td>957</td>
</tr>
<tr>
<td>Structure</td>
<td>1,91</td>
<td>0,64</td>
<td>2,06</td>
<td>0,78</td>
<td>957</td>
</tr>
<tr>
<td>Topic</td>
<td>2,14</td>
<td>0,82</td>
<td>1,98</td>
<td>0,81</td>
<td>957</td>
</tr>
<tr>
<td>Requirements</td>
<td>1,8</td>
<td>0,64</td>
<td>2,36</td>
<td>0,8</td>
<td>957</td>
</tr>
<tr>
<td>Organization</td>
<td>1,56</td>
<td>0,62</td>
<td>1,72</td>
<td>0,68</td>
<td>957</td>
</tr>
<tr>
<td>Overall Assessment</td>
<td>2,07</td>
<td>0,84</td>
<td>2,15</td>
<td>0,9</td>
<td>957</td>
</tr>
</tbody>
</table>

Comparison group: Computer Science, lectures, WS 13/14 (34 courses)

M: Mean, SD: Standard deviation, N: Number of returned questionnaires
The lecturer was enthusiastic and motivated.

I was able to follow the pace of the lecturer.

The lecturer provided a good learning and working atmosphere.

The lecturer has always been well prepared.
The lecturer was very competent.

It was important to the lecturer that the participants benefitted from the course.

The lecturer motivated the participants.
The learning objective was clear to me.

![Bar chart]

- Completely: 4
- Not at all: 0

N= 16  M= 2.07  SD= 0.92  k.A.= 2

The educational objectives were well defined from the beginning.

![Bar chart]

- Completely: 6
- Not at all: 0

N= 16  M= 1.86  SD= 0.95  k.A.= 2

The course was well structured and comprehensible.

![Bar chart]

- Completely: 6
- Not at all: 0

N= 16  M= 1.71  SD= 0.83  k.A.= 2

The structure of the content was logical/easy to follow.

![Bar chart]

- Completely: 3
- Not at all: 0

N= 16  M= 2  SD= 0.68  k.A.= 2
I was already interested in the subject of the course before I signed up for it.

I believe that I have learned important facts in this course.

The topic of the course is relevant.
Requirements

The difficulty of the content was adequate.

The amount of the content was adequate.

The requirements of the course were adequate.

The amount of time required for the course as a whole (including preparation and follow-up) was appropriate.
The course was too difficult for me.

The bar chart shows the distribution of responses to the statement. The chart indicates that:

- 0 students responded completely
- 4 students responded very
- 1 student responded almost
- 5 students responded moderately
- 4 students responded slightly

The group data is as follows:

- N = 16
- M = 3.64
- SD = 1.22
- k.A. = 2
Concerning the organizational aspects of the course (i.e. place, time, performance requirements) I was informed well.

I was satisfied with the accessibility of necessary learning material.

Organizational issues were dealt with in time and in detail.

The course was running smoothly during the semester.
Altogether, the course was well organized.

N= 16
M= 1,57
SD= 0,65
k.A. = 2
Overall Assessment

Overall, this was a good course.

I learned a lot in this course.

The course fulfilled my expectations.

I would recommend the course.
In terms of its quality, this course was as good as the best course I have ever attended.

N= 16  
M= 3.07  
SD= 1.21  
k.A. = 2
Further remarks: I especially appreciated

"Slides and usage of blackboard."

"Pr. Waldmann´s effort to make lecture interesting and easy to follow."

"The detailed explanations of the proofs in class."

"The depth of the material and its novelty."

"Examples shown on the blackboard."

"Examples, good explanations."
Further remarks: I did not like

"Heavy formalism, sometimes hard to follow if one is not 100% attending for the whole lecture."

"Using too little visualizations. Monotonicity of the lectures."

"No extra materials or reference for better understanding."

"Prefer to have example solutions for the exercise sheets."

"Too long lectures w/o a break and over many parts too dry."

"Dry topic (but it´s the content)."
Further remarks: Suggestions for improvements

"It is not a good idea to fix tutorial time slots at the first day of the semester as no other tutorials are fixed then. Often even the set of lectures is not fixed."

"Please more intuitive explanations/sketches, best would be also on the slides/in script as I cannot attend always."

"Using more visualizations and interaction."

"Please provide extra material/book next time."

"More example/exercises to make terms more familiar."