



^b
**UNIVERSITÄT
BERN**

Vizerektorat Qualität, Fachstelle Lehrevaluation, Hochschulstrasse 6, 3012 Bern

Persönlich/Vertraulich
Mr.
Prof. Dr. Oscar Marius Nierstrasz
Institut für Informatik und angewandte Mathematik
Neubrückstr. 10
3012 Bern

Vizerektorat Qualität
Fachstelle Lehrevaluation

Auswertungsbericht Lehrveranstaltungsevaluation an die Lehrenden

Sehr geehrter Herr Prof. Dr. Nierstrasz

Sie erhalten hier die automatisierte Auswertung der Evaluation zur Veranstaltung Software Modeling and Analysis (KSL 422739).

Fragebogen Typ VORLeV6. Es gilt Folgendes: Zuerst werden unter dem Titel Globalwerte die Mittelwerte der folgenden Skalen aufgeführt.

Planning and Presentation (Skalenbreite: 4)
Manners with Students (Skalenbreite: 4)
Interest and Relevance (Skalenbreite: 4)
Complexity and Scope (Skalenbreite: 5)
Overall Assessment (Skalenbreite: 6)
Planning and Presentation (Skalenbreite: 4)
Manners with Students (Skalenbreite: 4)
Interest and Relevance (Skalenbreite: 4)
Complexity and Scope (Skalenbreite: 5)
Overall Assessment (Skalenbreite: 6)

Im zweiten Teil des Auswertungsberichts werden die Ergebnisse zu den einzelnen Fragen und allenfalls Mittelwerte dazu aufgelistet.

Der Wert 1 kennzeichnet aus Sicht der Studierenden eine minimale Veranstaltungsgüte, der Wert 4 oder mehr eine maximale Veranstaltungsgüte. Bei invertierten Fragen sind die Werte für die Veranstaltungsgüte gerade umgekehrt. Bei der Skala 'Schwierigkeit und Umfang' in den Standardfragebögen bezeichnet der Wert 3 (genau richtig) die optimale Veranstaltungsgüte.

Wir hoffen, dass Ihnen der Bericht von Nutzen ist. Bitte besprechen Sie das Ergebnis vor Semesterende kurz mit Ihren Studierenden.

Gerne besprechen die Mitarbeitenden der Gruppe Hochschuldidaktik (Kontakt: hd@zuw.unibe.ch) mit Ihnen Ihre Evaluationsergebnisse. Bringen Sie die ausgedruckten Berichte bitte zum Gespräch mit, da diese für die Hochschuldidaktik nicht zugänglich sind.

Falls Sie Verständnisfragen betreffend den Richtlinien und Abläufen haben, finden Sie Antworten unter www.qualitaet.unibe.ch/content/qualitaetssicherung_und__entwicklung_qse/lehre/evaluation_lehrveranstaltungen/in dex_ger.html.

Sie können uns auch per Mail kontaktieren, sollten Sie weitere Auskünfte benötigen.

Mit freundlichen Grüßen
Daniela Wuillemin
Vizerektorat Qualität, Fachstelle Lehrevaluation

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Vizerektorat Qualität
Evaluationsstelle
Hochschulstrasse 6
3012 Bern

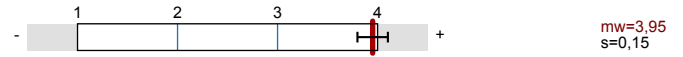
Tel. +41 31 631 51 07
daniela.wuillemin@qualitaet.unibe.ch
www.lehrveranstaltungsevaluation.unibe.ch

Globalwerte

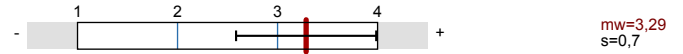
Planning and Presentation (Skalenbreite: 4) ($\alpha = 0.53$)



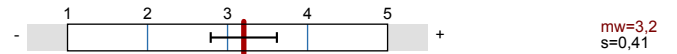
Manners with Students (Skalenbreite: 4) ($\alpha = 0.52$)



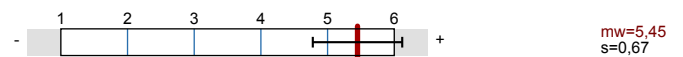
Interest and Relevance (Skalenbreite: 4) ($\alpha = 0.59$)



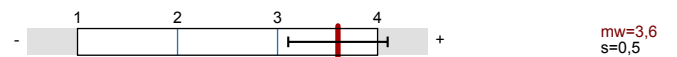
Complexity and Scope (Skalenbreite: 5) ($\alpha = 0.81$)



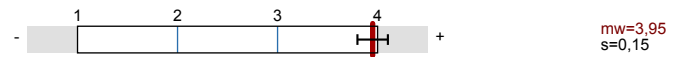
Overall Assessment (Skalenbreite: 6) ($\alpha = 0.76$)



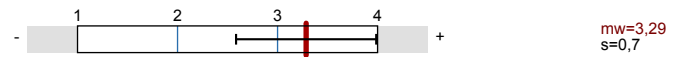
Planning and Presentation (Skalenbreite: 4) ($\alpha = 0.53$)



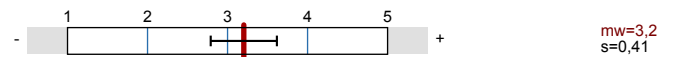
Manners with Students (Skalenbreite: 4) ($\alpha = 0.52$)



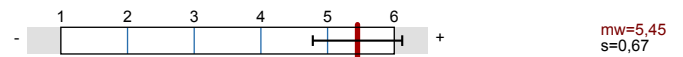
Interest and Relevance (Skalenbreite: 4) ($\alpha = 0.59$)



Complexity and Scope (Skalenbreite: 5) ($\alpha = 0.81$)

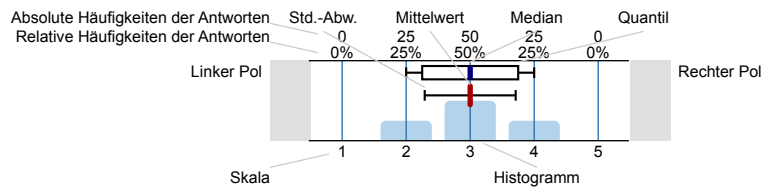


Overall Assessment (Skalenbreite: 6) ($\alpha = 0.76$)



Legende

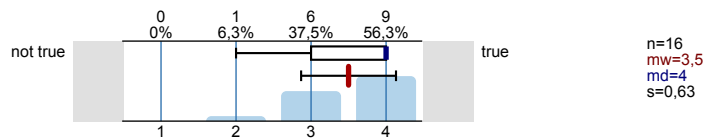
Frage text



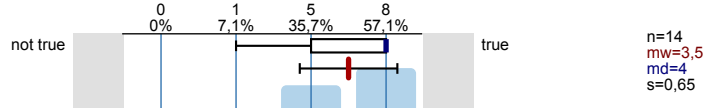
n=Anzahl
mw=Mittelwert
md=Median
s=Std.-Abw.
E.=Enthaltung

Planning and Presentation

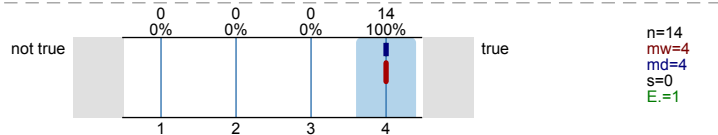
1 The course follows a coherent structure.



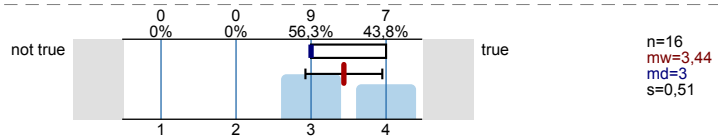
2 The wider context of the subject matter is sufficiently elucidated.



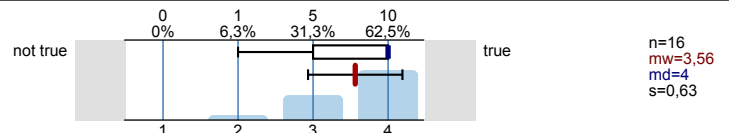
3 The lecturer expresses him-/herself clearly and comprehensibly.



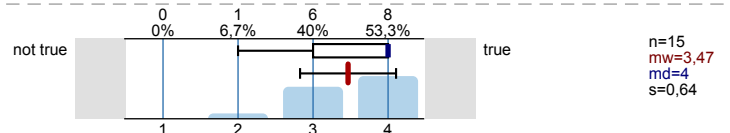
4 The course provides an adequate overview of the subject matter treated.



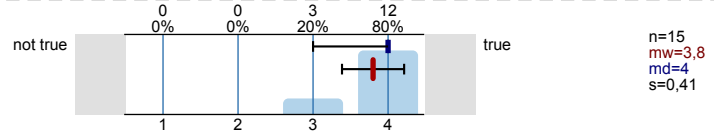
5 The design of the course contributes to an understanding of the subject matter.



6 There is overall enough material provided to assist the learning process (slides, course material, hand-outs, etc.).

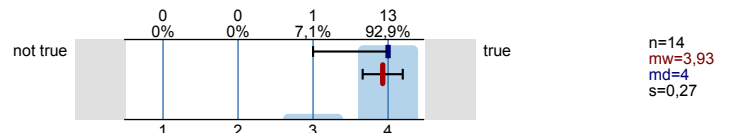


7 The course materials (slides, course manuals, hand-outs, etc.) are overall of sufficient quality.

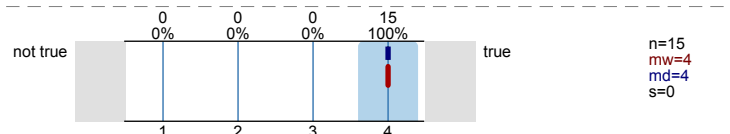


Manners with Students

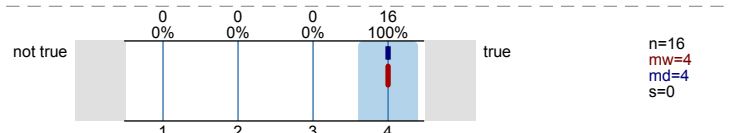
8 The lecturer takes students seriously.



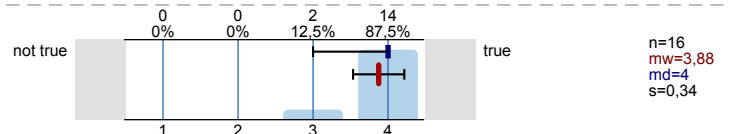
9 The lecturer is friendly and respectful towards students.



10 The lecturer addresses questions and suggestions from students adequately.

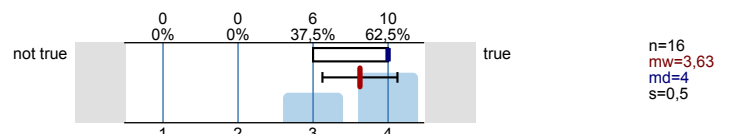


11 The lecturer seems to care about his/her students' progress.

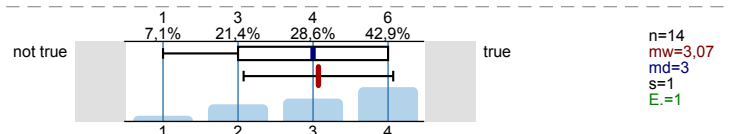


Interest and Relevance

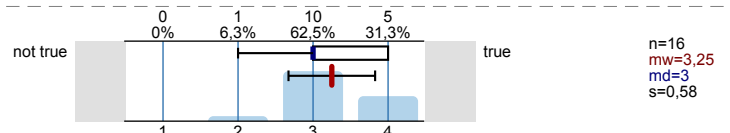
12 The lecturer succeeds in making the course interesting.



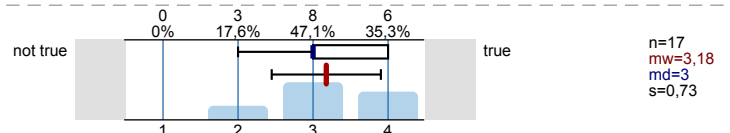
13 The course is probably very useful for my future professional life.



14 The applicability and relevance of the subject matter is sufficiently clarified by the lecturer.

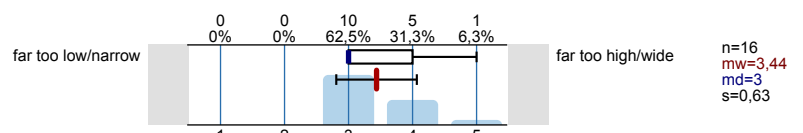


15 The lecturer fosters my interest in the subject.

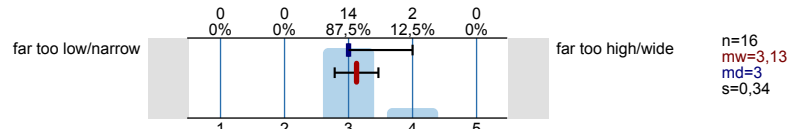


Complexity and Scope

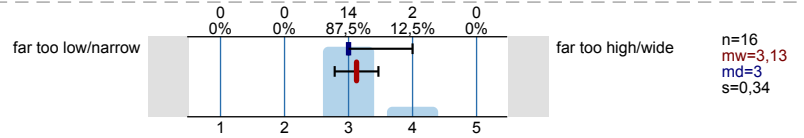
16 The degree of complexity of the course is:



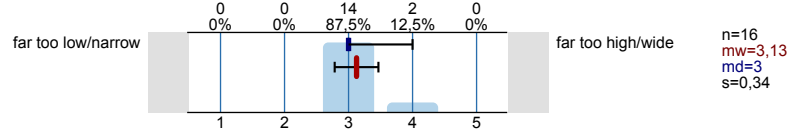
17 The scope of the course is:



18 The pace of the course is:

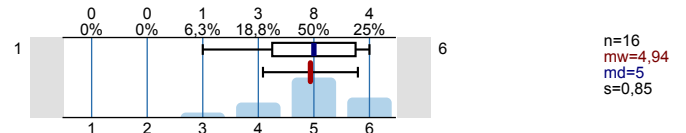


19 The amount of knowledge presupposed by the course is:

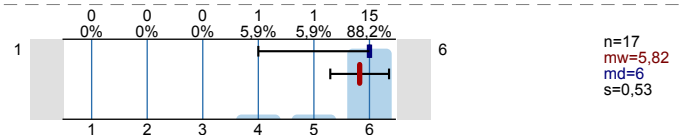


Overall Assessment

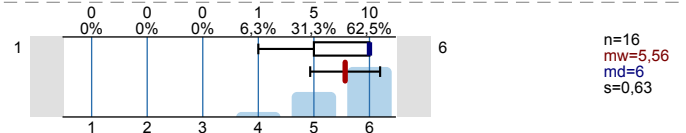
20 How would you grade the course as a whole?



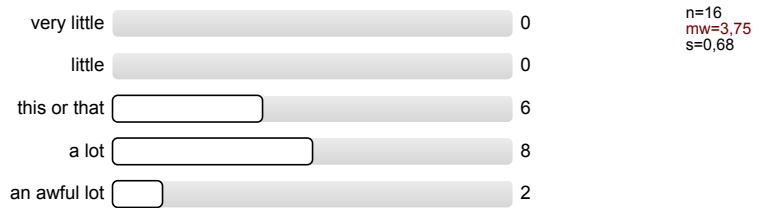
21 How would you grade the lecturer with regard to subject expertise?



22 How would you grade the lecturer with regard to teaching methods?

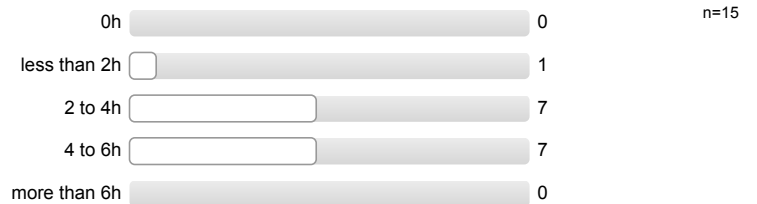


23 The course has taught me



Socio-demographic Data and Background Variables

24 How many hours per week did you invest in preparation and revision for the course (on average)?



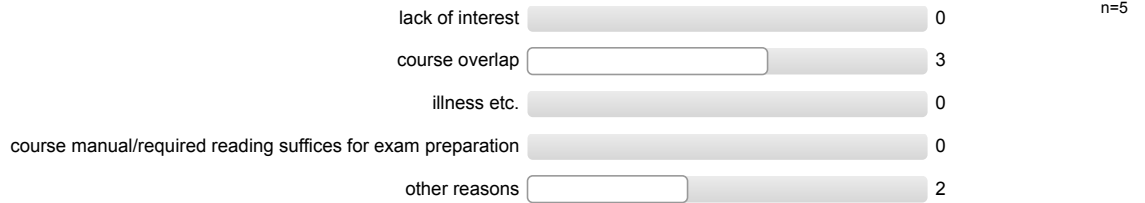
25 Was the topic of interest to you?



26 How many lectures did you miss?



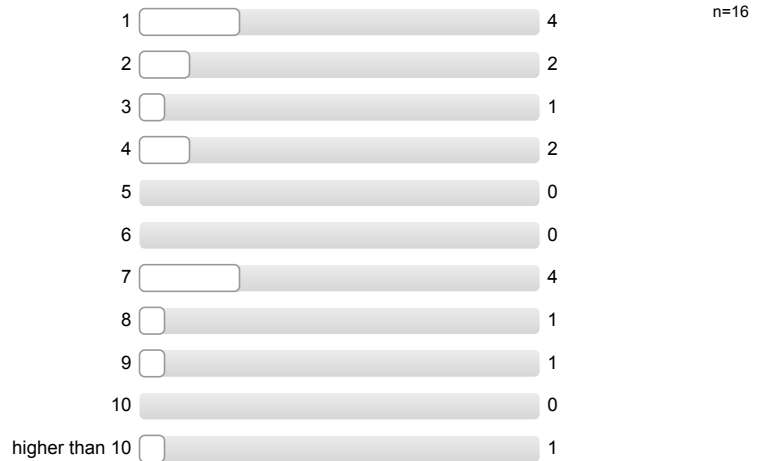
27 If you missed more than 2 lectures, please give one reason:



28 Allocation of the course in your study programme:?



29 Your current number of semesters?



30 Sex



Open Questions

What did you like about the course?

How can I analyze a software, Tools,

Interesting methods to analyze and visualize code.

Many different aspects and topics.

Fast-paced, info-heavy

It was always very interesting, the lectures well prepared.

I liked to see a bit into the abstract world of programming language and how they are constructed. It is really nice to get a little bit of this background knowledge

Guest lectures, hands-on exercises

Good overview over a quite abstract topic, interesting guest-lectures.

Introduction to Smalltalk

-Oscar

What did you not like about the course?

Smalltalk; too much concentration on that

Too much focus on Smalltalk. It would be ok to use it in examples, but some lectures just almost only focus on Smalltalk.

Fast-paced, info-heavy

It was very difficult, the assignments very hard for me.

The exercises were pretty really frustrating as we ~~strug~~ struggled with pharo (and it kept crashing)

-Pharo and its crashes without autosaving of the image.

Suggestions for improvements?

Less dependent on Smalltalk

Some of the lecture slides (lecture 60 mainly and a few of the last ones) ~~otherwise~~ did not contain the usual supplementary notes that the professor provides.

Less focus on Smalltalk

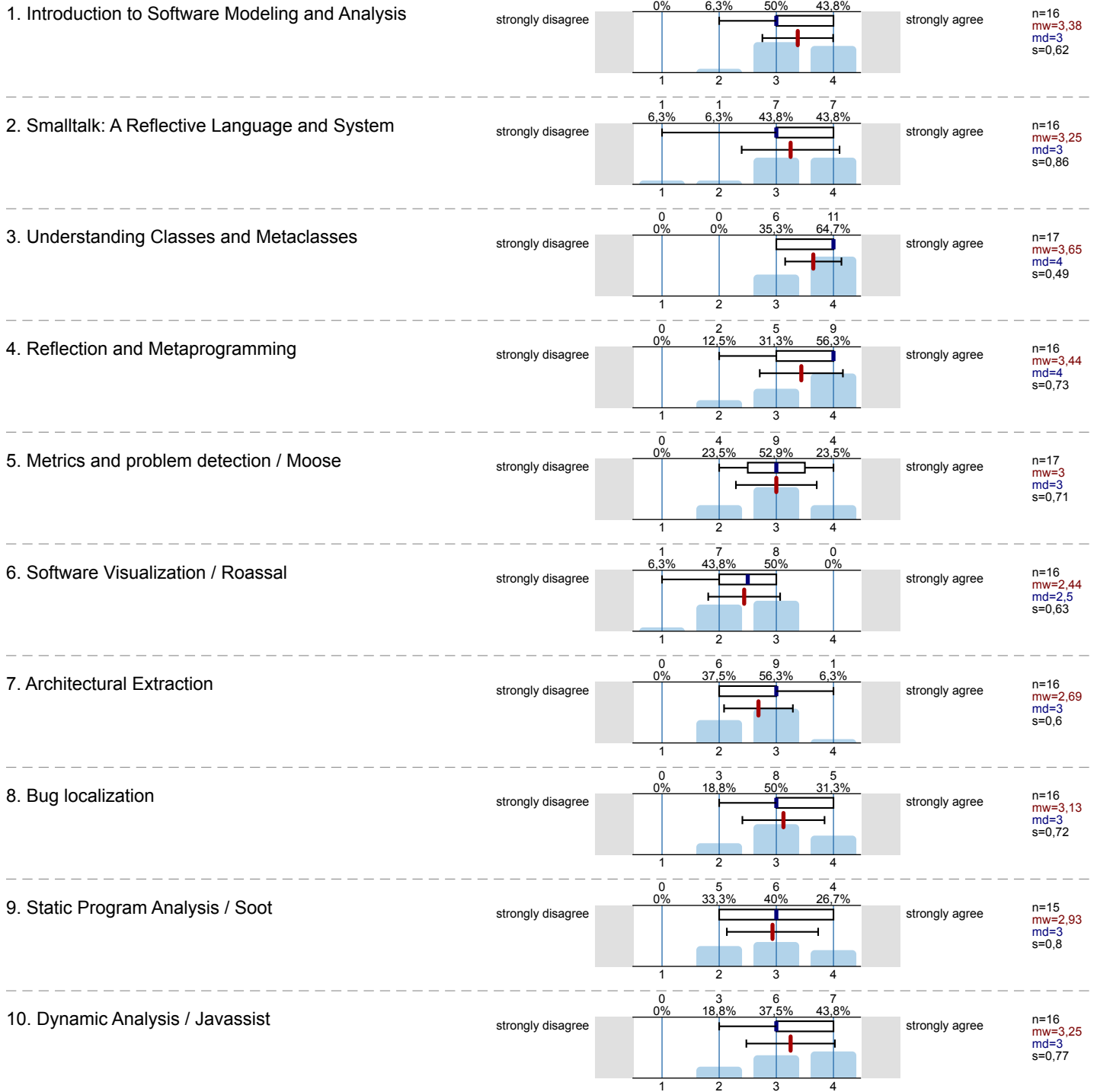
Please make Pharo good.

Well, I guess the stuff that I did not like :)

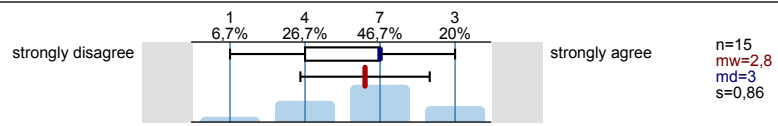
It would be helpful to receive a short feedback about the assignments.

-perhaps some exercises about Java?

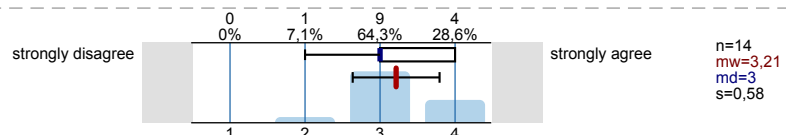
Assessment of Individual Lectures



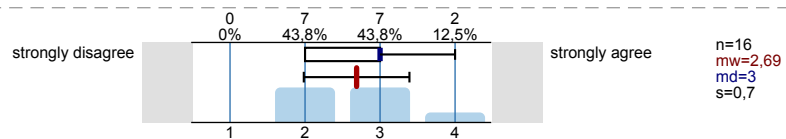
11. Testing



12. Software Data Analytics



13. The View from Industry

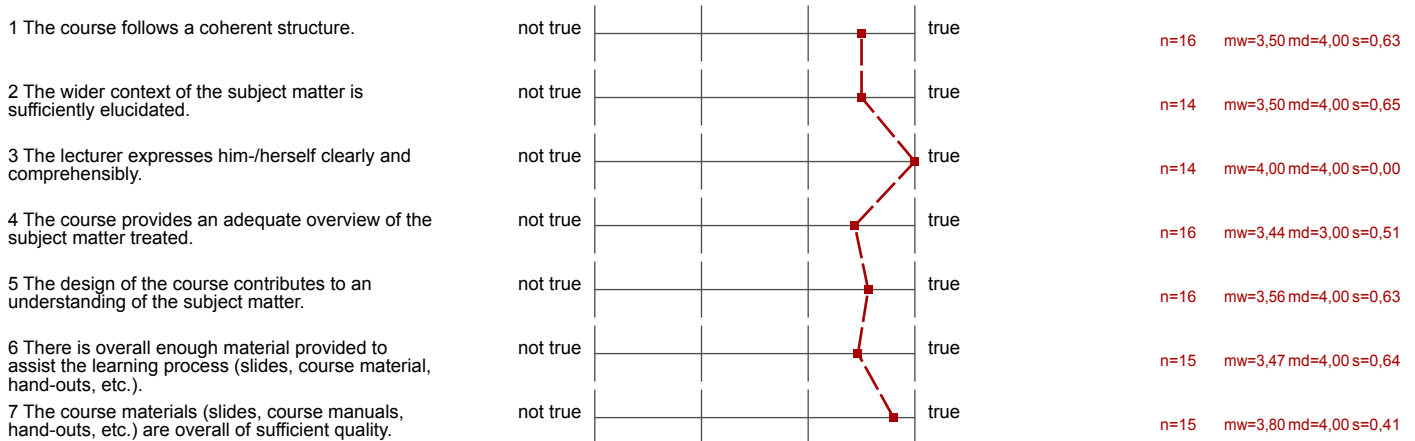


Profillinie

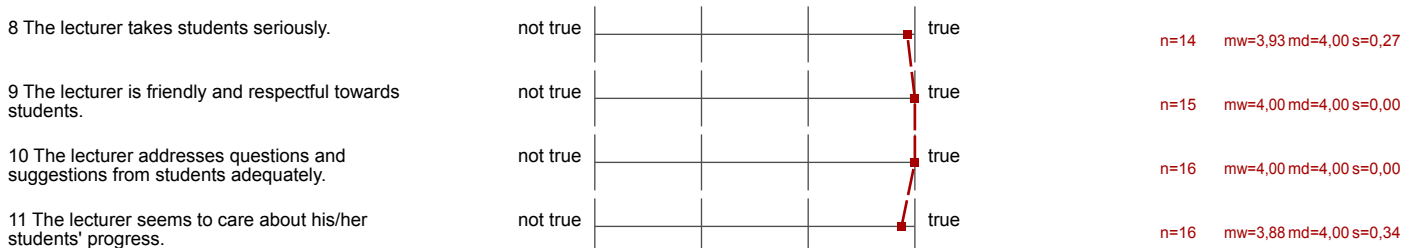
Teilbereich: Phil.-nat. Fakultät
 Name der/des Lehrenden: Prof. Dr. Oscar Marius Nierstrasz
 Titel der Lehrveranstaltung: Software Modeling and Analysis
 (Name der Umfrage)

Verwendete Werte in der Profillinie: Mittelwert

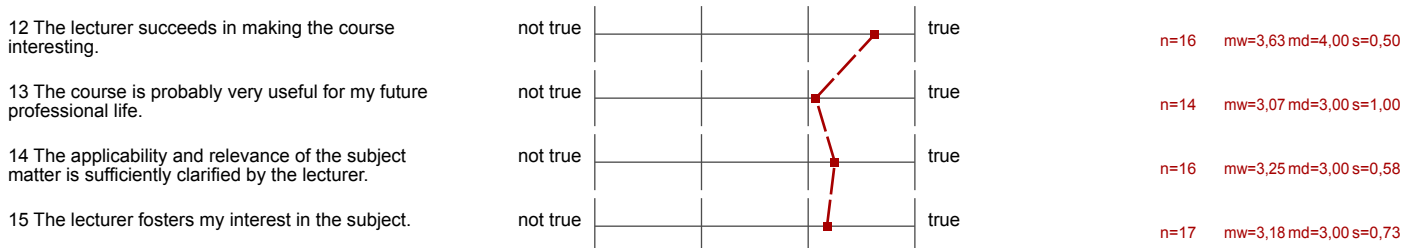
Planning and Presentation



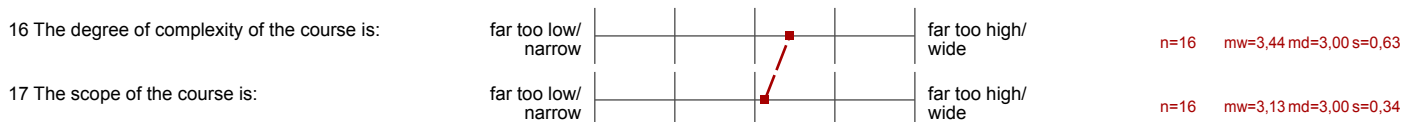
Manners with Students



Interest and Relevance



Complexity and Scope



18 The pace of the course is:		n=16	mw=3,13 md=3,00 s=0,34
19 The amount of knowledge presupposed by the course is:		n=16	mw=3,13 md=3,00 s=0,34

Overall Assessment

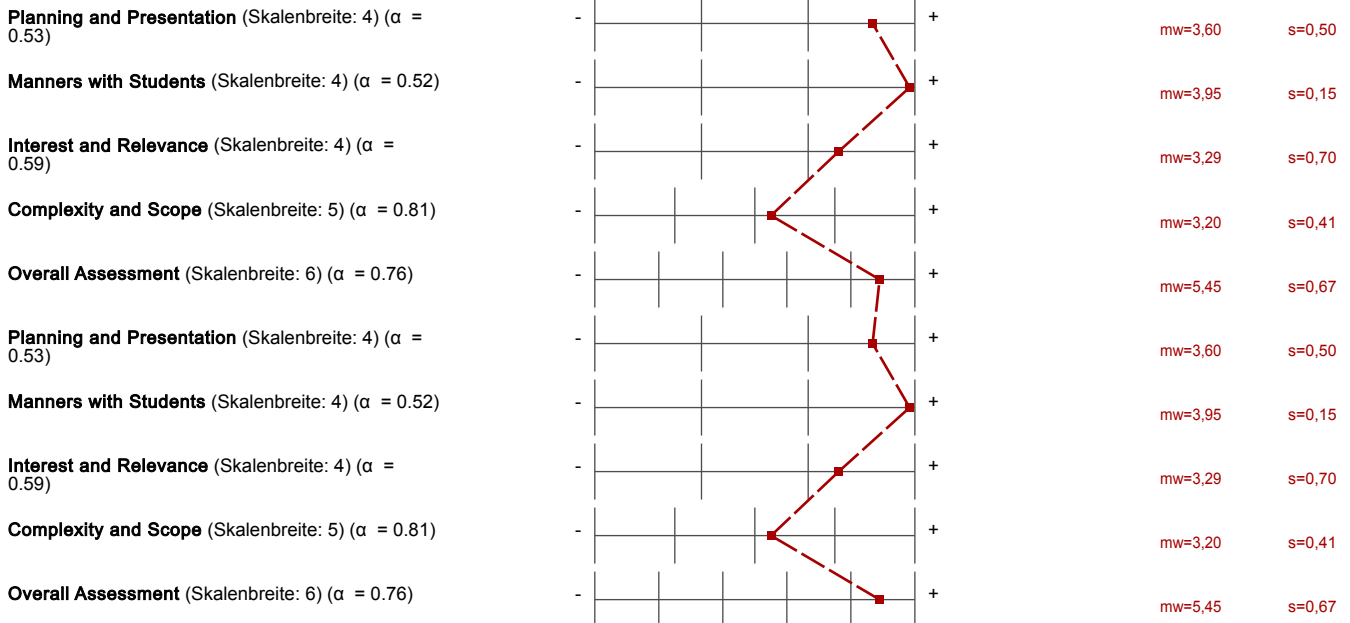
20 How would you grade the course as a whole?		n=16	mw=4,94 md=5,00 s=0,85
21 How would you grade the lecturer with regard to subject expertise?		n=17	mw=5,82 md=6,00 s=0,53
22 How would you grade the lecturer with regard to teaching methods?		n=16	mw=5,56 md=6,00 s=0,63

Assessment of Individual Lectures

1. Introduction to Software Modeling and Analysis		n=16	mw=3,38 md=3,00 s=0,62
2. Smalltalk: A Reflective Language and System		n=16	mw=3,25 md=3,00 s=0,86
3. Understanding Classes and Metaclasses		n=17	mw=3,65 md=4,00 s=0,49
4. Reflection and Metaprogramming		n=16	mw=3,44 md=4,00 s=0,73
5. Metrics and problem detection / Moose		n=17	mw=3,00 md=3,00 s=0,71
6. Software Visualization / Roassal		n=16	mw=2,44 md=2,50 s=0,63
7. Architectural Extraction		n=16	mw=2,69 md=3,00 s=0,60
8. Bug localization		n=16	mw=3,13 md=3,00 s=0,72
9. Static Program Analysis / Soot		n=15	mw=2,93 md=3,00 s=0,80
10. Dynamic Analysis / Javassist		n=16	mw=3,25 md=3,00 s=0,77
11. Testing		n=15	mw=2,80 md=3,00 s=0,86
12. Software Data Analytics		n=14	mw=3,21 md=3,00 s=0,58
13. The View from Industry		n=16	mw=2,69 md=3,00 s=0,70

Profillinie

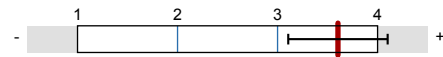
Teilbereich: Phil.-nat. Fakultät
 Name der/des Lehrenden: Prof. Dr. Oscar Marius Nierstrasz
 Titel der Lehrveranstaltung: Software Modeling and Analysis
 (Name der Umfrage)



Präsentationsvorlage

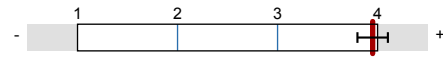
Software Modeling and Analysis
Prof. Dr. Oscar Marius Nierstrasz
Erfasste Fragebögen = 17

Planning and Presentation
(Skalenbreite: 4) ($\alpha = 0.53$)



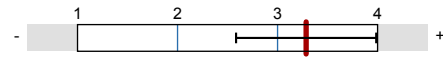
mw=3,6

Manners with Students
(Skalenbreite: 4) ($\alpha = 0.52$)



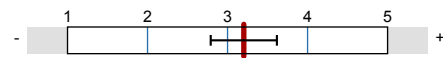
mw=3,95

Interest and Relevance
(Skalenbreite: 4) ($\alpha = 0.59$)



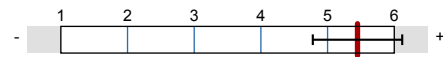
mw=3,29

Complexity and Scope
(Skalenbreite: 5) ($\alpha = 0.81$)



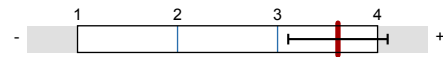
mw=3,2

Overall Assessment (Skalenbreite: 6) ($\alpha = 0.76$)



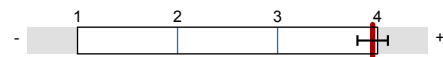
mw=5,45

Planning and Presentation
(Skalenbreite: 4) ($\alpha = 0.53$)



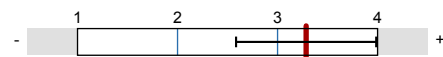
mw=3,6

Manners with Students
(Skalenbreite: 4) ($\alpha = 0.52$)



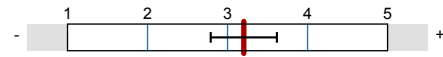
mw=3,95

Interest and Relevance
(Skalenbreite: 4) ($\alpha = 0.59$)



mw=3,29

Complexity and Scope
(Skalenbreite: 5) ($\alpha = 0.81$)



mw=3,2

Overall Assessment (Skalenbreite:
6) ($\alpha = 0.76$)



mw=5,45