Ludwig-Maximilians-Universität
München

Studiendekan

Dr. Axel Strauß (as private and confidential)

Auswertungsbericht Lehrveranstaltungsevaluation an die Lehrenden

Dear Mr. Dr. Strauß,

This email contains evaluation results for Applied statistics in molecular biology / Bio_P_E:

The global indicators are listed first, followed by the individual average values, consisting of the following scales:

In the second part of the analysis the average values of all individual questions are listed.

Note: Adobe Acrobat Reader must be installed on your computer in order to view the files.

Your EvaSys Administrator

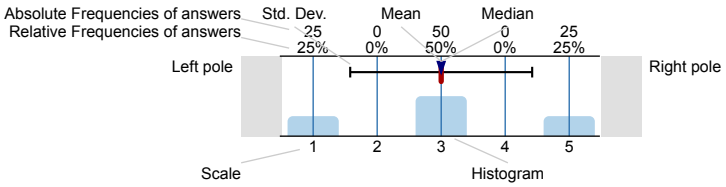
Dr. Axel Strauß

Applied statistics in molecular biology ()
No. of responses = 12

Survey Results

Legend

Question text



n=No. of responses
av.=Mean
md=Median
dev.=Std. Dev.
ab.=Abstention

1. About this questionnaire

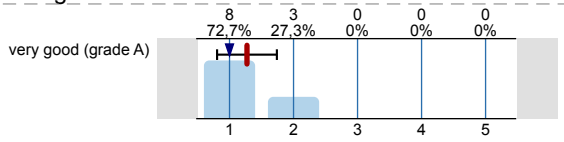
Dear practical course participant,
please give us the chance to learn and to improve the course by filling out this questionnaire. To do so, please fill out the form as described above: **use a thin dark pen & set tick marks and written comments only in the respective fields**. This questionnaire will be evaluated using a scanning device (also the comments box).

Many thanks for your support!

2. Questions regarding supervision and organisation of the course

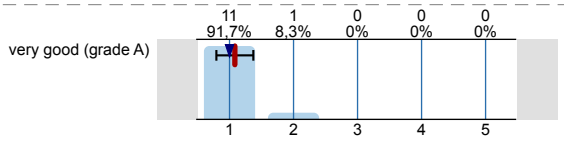
Regarding the following statements I rate the course:

2.1) The lecturer is well prepared.



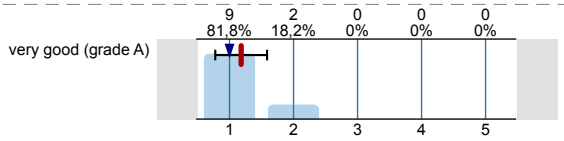
n=11
av.=1,27
md=1
dev.=0,47

2.2) The lecturer is dedicated and committed to good teaching.



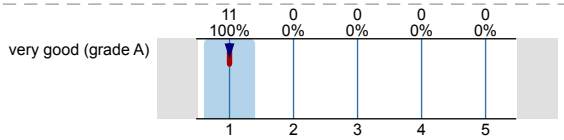
n=12
av.=1,08
md=1
dev.=0,29

2.3) The lecturer explains experiments/tasks clearly and understandable.



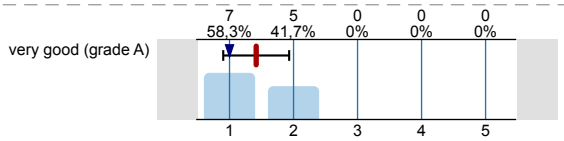
n=11
av.=1,18
md=1
dev.=0,4

2.4) The lecturer is open for questions.



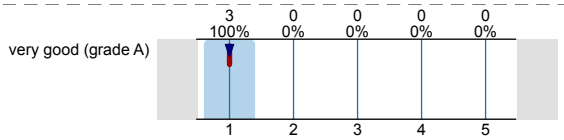
n=11
av.=1
md=1
dev.=0

2.5) The lecturer adequately discusses results.



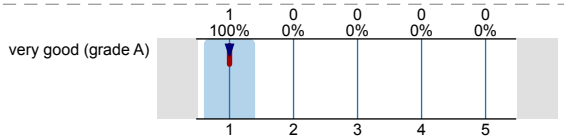
n=12
av.=1,42
md=1
dev.=0,51

2.6) The number of co-instructors is reasonable regarding number of students.



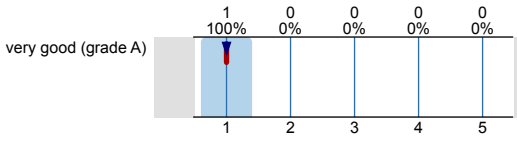
n=3
av.=1
md=1
dev.=0
ab.=6

2.7) The co-instructors are well prepared.



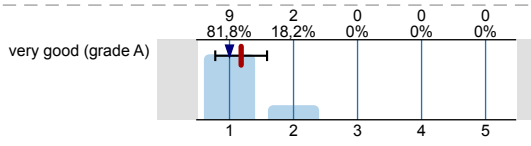
n=1
av.=1
md=1
dev.=0
ab.=7

2.8) The co-instructors are helpful.



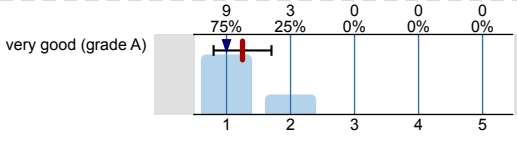
n=1
av.=1
md=1
dev.=0
ab.=8

2.9) I receive helpful feedback on my results, question, or problems.



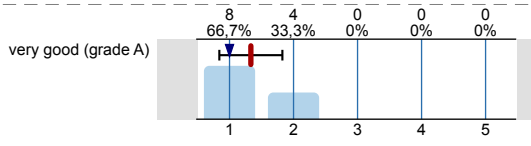
n=11
av.=1,18
md=1
dev.=0,4
ab.=1

2.10) The practical course is well structured.



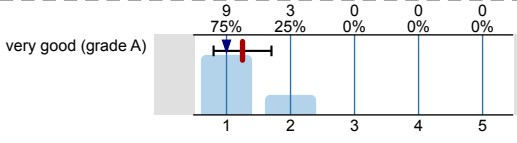
n=12
av.=1,25
md=1
dev.=0,45

2.11) The practical course is well organised.



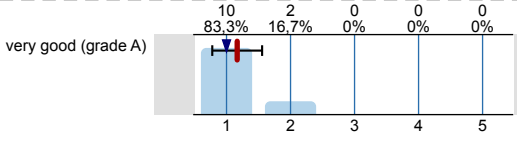
n=12
av.=1,33
md=1
dev.=0,49

2.12) The practical course is well documented (e.g., script, additional literature).



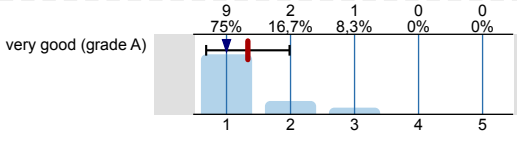
n=12
av.=1,25
md=1
dev.=0,45

2.13) There is a pleasant course atmosphere.



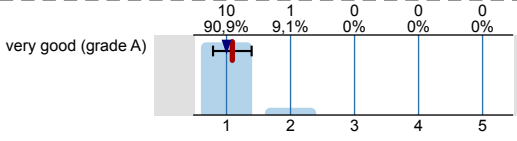
n=12
av.=1,17
md=1
dev.=0,39

2.14) The practical course has increased my interest in the course subjects.



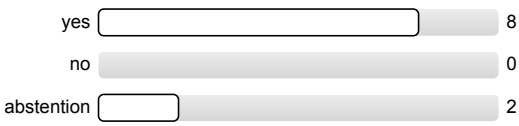
n=12
av.=1,33
md=1
dev.=0,65

2.15) **My overall impression of the class is:**



n=11
av.=1,09
md=1
dev.=0,3

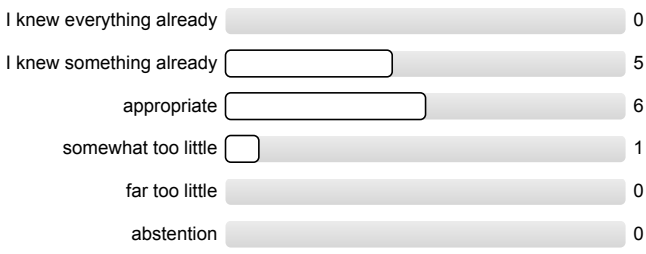
2.16) The assessment criteria were communicated at the beginning of the course.



n=10

3. Questions about you

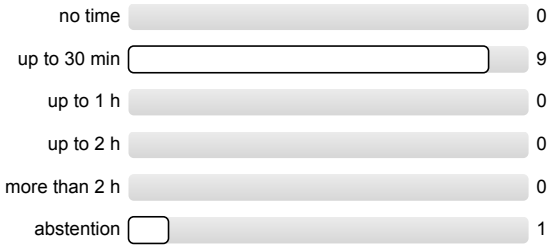
3.1) To be able to follow the course's contents and techniques my previous knowledge was:



n=12

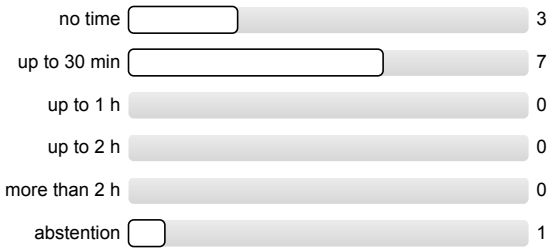
3.2) I have prepared myself for the practical course; per day on average:

n=10



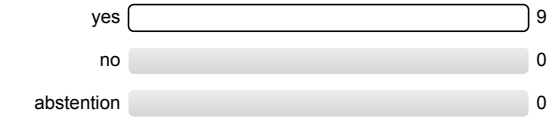
3.3) I have dealt with course contents afterwards; per day on average:

n=11



3.4) The questionnaire allows me to evaluate the class adequately (if "no" please give feedback below).

n=9



4. Additional comments

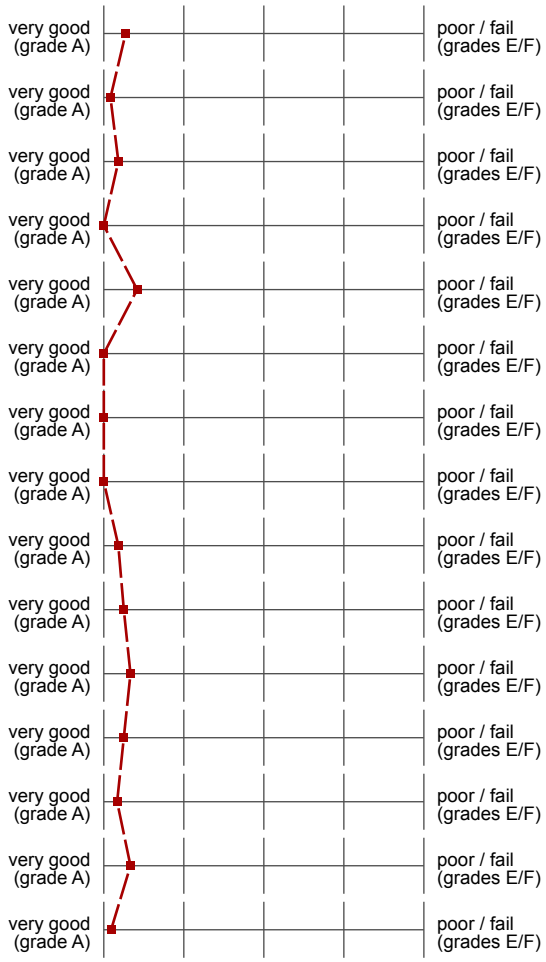
Many thanks for your support!

Profile

Subunit: Fakultaet_19.1_BIO
Name of the instructor: Dr. Axel Strauß
Name of the course: (Name of the survey) Applied statistics in molecular biology

Values used in the profile line: Mean

2. Questions regarding supervision and organisation of the course



2.1)	The lecturer is well prepared.	n=11	av.=1,27 md=1,00 dev.=0,47	
2.2)	The lecturer is dedicated and committed to good teaching.	n=12	av.=1,08 md=1,00 dev.=0,29	
2.3)	The lecturer explains experiments/tasks clearly and understandable.	n=11	av.=1,18 md=1,00 dev.=0,40	
2.4)	The lecturer is open for questions.	n=11	av.=1,00 md=1,00 dev.=0,00	
2.5)	The lecturer adequately discusses results.	n=12	av.=1,42 md=1,00 dev.=0,51	
2.6)	The number of co-instructors is reasonable regarding number of students.	n=3	av.=1,00 md=1,00 dev.=0,00	
2.7)	The co-instructors are well prepared.	n=1	av.=1,00 md=1,00 dev.=0,00	
2.8)	The co-instructors are helpful.	n=1	av.=1,00 md=1,00 dev.=0,00	
2.9)	I receive helpful feedback on my results, question, or problems.	n=11	av.=1,18 md=1,00 dev.=0,40	
2.10)	The practical course is well structured.	n=12	av.=1,25 md=1,00 dev.=0,45	
2.11)	The practical course is well organised.	n=12	av.=1,33 md=1,00 dev.=0,49	
2.12)	The practical course is well documented (e.g., script, additional literature).	n=12	av.=1,25 md=1,00 dev.=0,45	
2.13)	There is a pleasant course atmosphere.	n=12	av.=1,17 md=1,00 dev.=0,39	
2.14)	The practical course has increased my interest in the course subjects.	n=12	av.=1,33 md=1,00 dev.=0,65	
2.15)	**My overall impression of the class is:**	n=11	av.=1,09 md=1,00 dev.=0,30	

Comments Report

4. Additional comments

4.1) Additional comments: what do you like within the class? What could be improved? (Only comments within the box can be recognised the scanning device and the evaluation software.)

-very good introduction in R for people without previous knowledge → easy to follow

- enough time to practice and repeat

- highly motivated teacher makes the course more fun

1. PCA Analysis (Principle ~~An~~ Component Analysis) would also be helpful. (in case of large dataset like microarray and NGS)

[illegible] [illegible] pour [illegible] ([illegible])

a.

Danke für den interessanten Kurs!
Für mich war das eine gute Einführung
in R.

The course was really helpful for my needs. I had nearly no knowledge about R. And I fennd it helpful to learn how to search for new functions.

I also found it helpful to write down the R Script in parallel to the lecturer. It was much easier to remember the commands

I also liked the length of the days. The amount of breaks and their length was appropriate and important for recovery

- course provides very good overview in different field in Statistical data processing in R and is very helpfull for getting started with R.
- for some topics there was not enough time to realy understand all of the different steps. ⇒ When it gets to more complex statistical tests.
- I realy liked the way how to check for the different functio in R and that we were teached how to deal withe this commands. ⇒ good strategies to continue with own Analysis in R!

For 1st time I actually know what to do / what not to do when analysing data & which test to use & why.

That helped a lot

I very much liked the broad overview of different statistical tests with R.
Also the visualization parameters on the last days were really important to cover.
To further help people to start with R on their own one could discuss a few R functions that are very often used like "grepl function" or "cbind" or "rbind".
My personal feeling is that most difficulties arise when one tries to transform data prior to the tests.

This was a very good introductory course in R.
But I was hoping to get more information about test that can be run on NGS data.
But I still can very much recommend the course