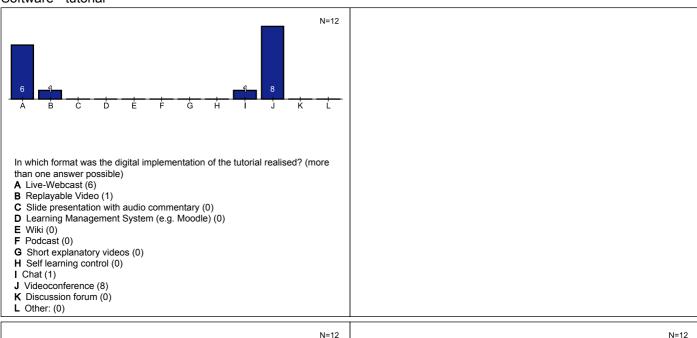
# Auswertung zur Übungsgruppe von Marc Kegel zur Veranstaltung Spezielle Themen der Mathematik (M39): 4-Manifolds and Kirby calculus

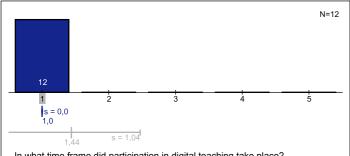
Liebe Übungsgruppenleiterin, lieber Übungsgruppenleiter, anbei erhalten Sie die Ergebnisse der Evaluation Ihrer Übungsgruppe. Erläuterungen zu den Diagrammen befinden sich am Ende dieses Dokuments. Mit freundlichen Grüßen,

Das Evaluationsteam

## Lecture and Tutorial

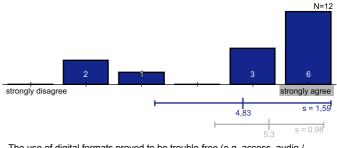
#### Software - tutorial



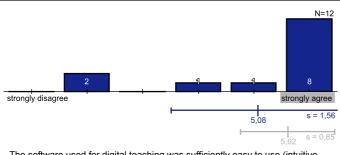


In what time frame did participation in digital teaching take place?

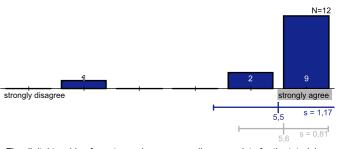
- 1 all at the same time (live-events on fixed dates) (12)
- **2** (0)
- **3** (0) **4** (0)
- **5** fully time-shifted (digital offers for time-independent use) (0)



The use of digital formats proved to be trouble-free (e.g. access, audio / video, interruptions).



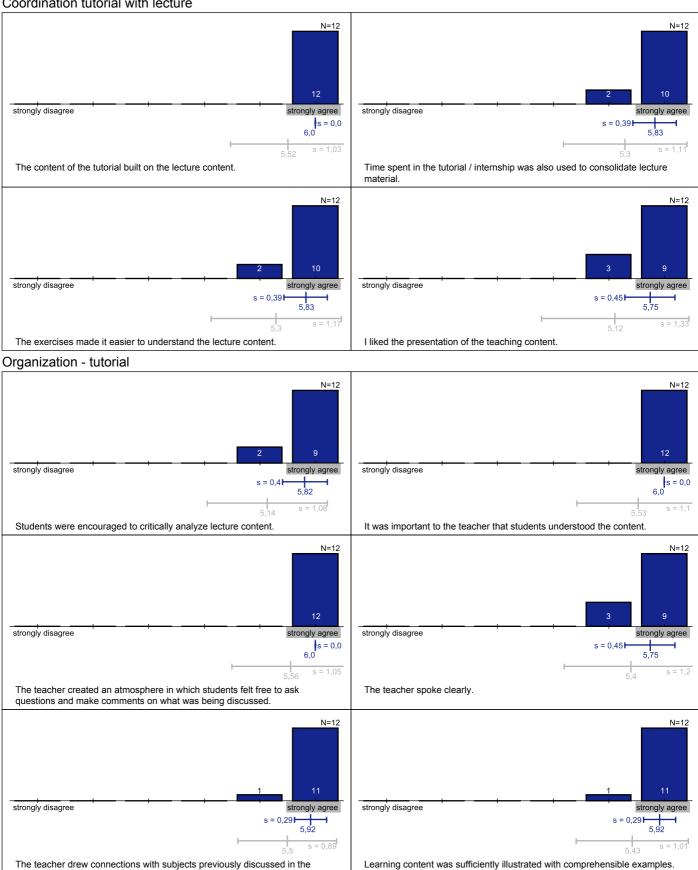
The software used for digital teaching was sufficiently easy to use (intuitive design, help functions).

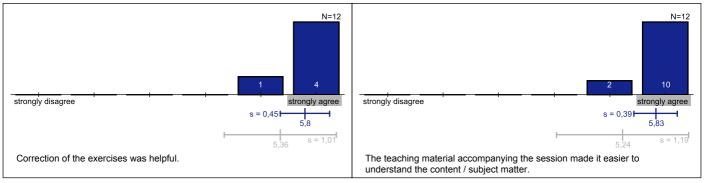


The digital teaching formats used were generally appropriate for the tutorial.

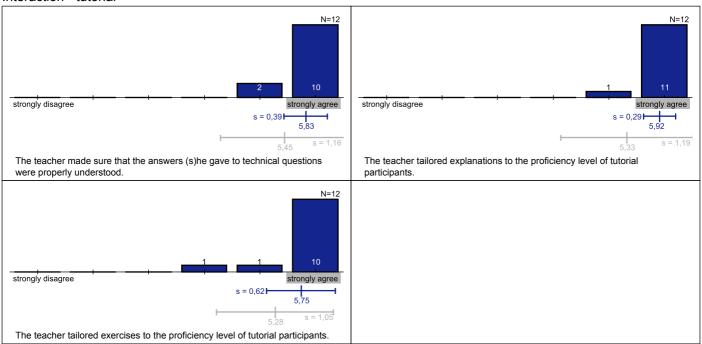
#### Coordination tutorial with lecture

session.

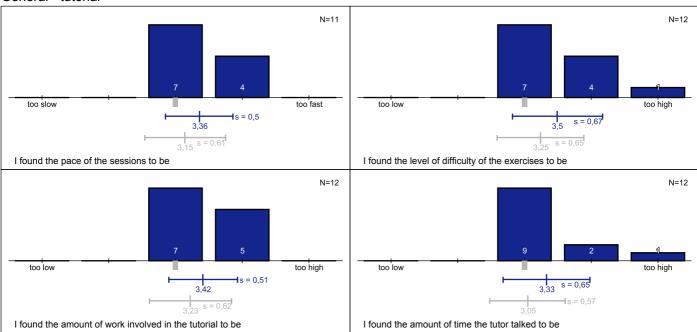




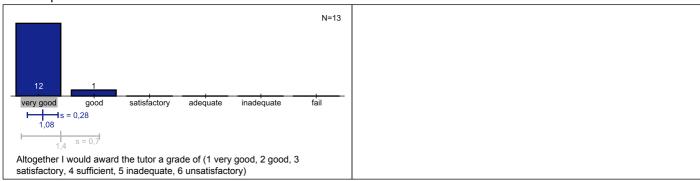
#### Interaction - tutorial



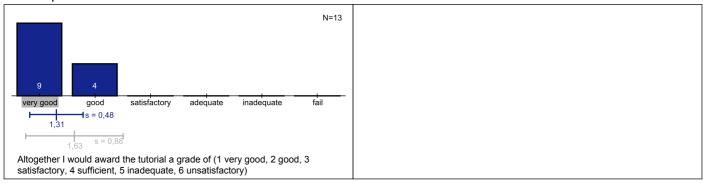
#### General - tutorial



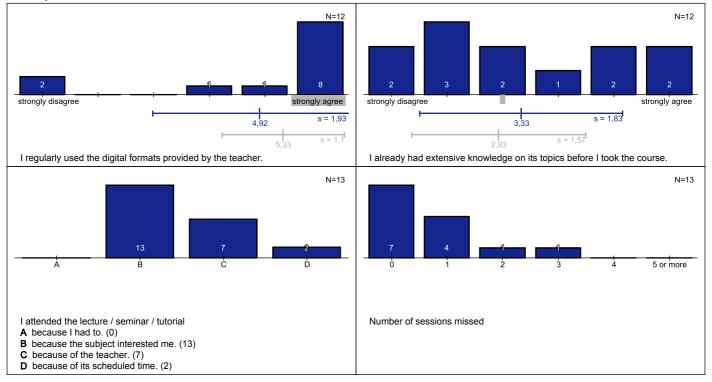
### Total impression - tutor - tutorial

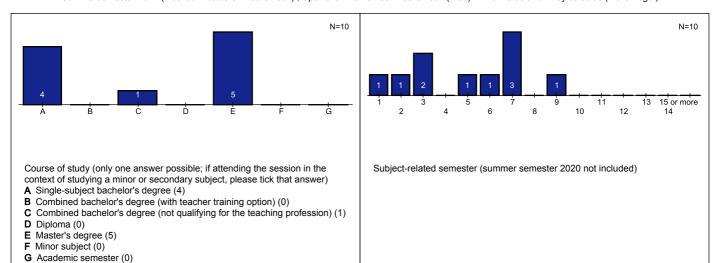


#### Total impression - tutorial



#### **Descriptive Questions - tutorial**





## Freitextkommentare

## Lecture and Tutorial

#### Open Questions - tutorial

I particularly liked about the course:

• There was a very high level of discussion. I was able to ask many questions and really get into the details. Even though not all questions were related to the exercise sheet, I was able to discuss problems that arise in the lecture.

The course could be specifically improved through:

This semester, in other courses the tutor introduced a 15min discussion break for students only to discuss solutions. I do not think, that the problems of students not coming forward with solutions is them not doing the exercise, but not being able to discuss them with other students. That way they could be "assured" in their solution and they do not longer present their own solution, but a solution of a group. A group can also put together many parts to the whole solution. Maybe there is a way to implement this in the next courses. Especially in alg. topology i see a great value for this kind of discussion.

What is required / desired in order to use digital teaching formats in the coming semesters (different methods of teaching such as video recording in which the teacher can be seen presenting, more interactive elements, more feedback on ones own learning level, more learning support)?

I find the whole learning experience very nice.

If you were not able to use the digital formats at all or only to a limited extent, please state why (e.g. insufficient bandwith of the private internet connection, childcare, no learning environment available).

· had no problems

## Grafiklegende

