

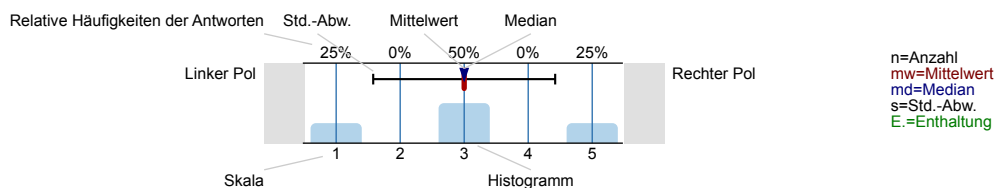
Dr. Matthias Carl Laupichler

C for ML_2025_03 ()
Erfasste Fragebögen = 5

Auswertungsteil der geschlossenen Fragen

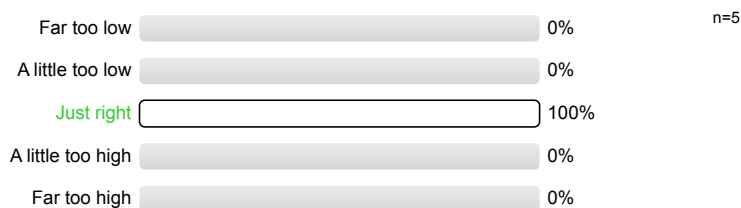
Legende

Fragetext

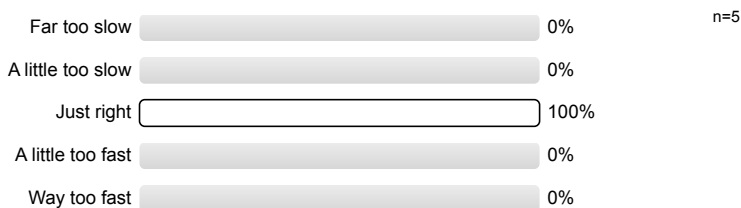


1. Questions about the course [1]

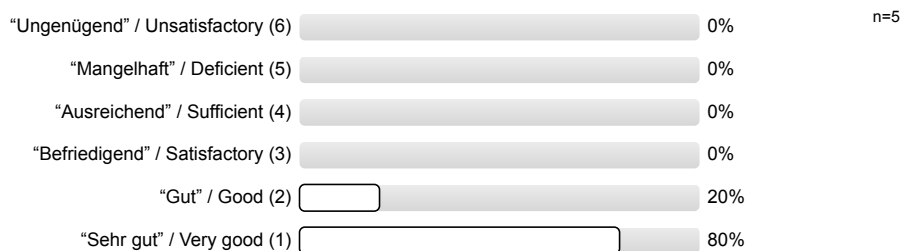
1.1) The difficulty of the course is...



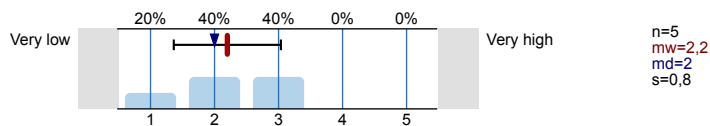
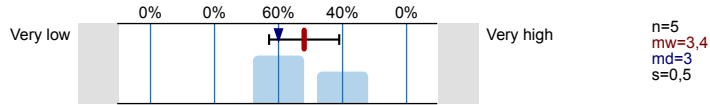
1.2) The pace of the course is...



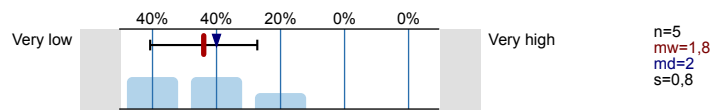
1.3) Overall, I give the course the following school grade:



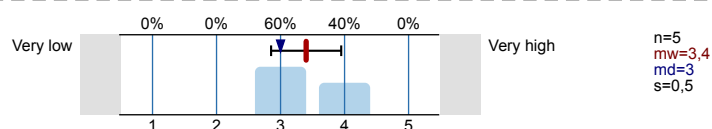
2. Evaluation of Learning Objectives

2.1) **C++ programming (in general):**
My skills in this area *before* starting the course were...2.2) **C++ programming (in general):**
My skills in this area are *now*...

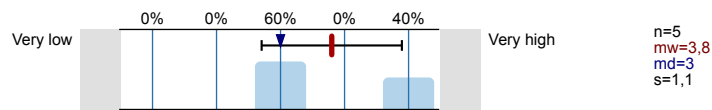
- 2.3) **Using C++ for machine learning**
My skills in this area *before* starting the course were...



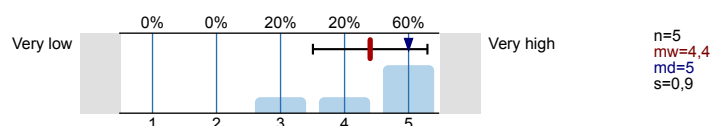
- 2.4) **Using C++ for machine learning**
My skills in this area are *now*...



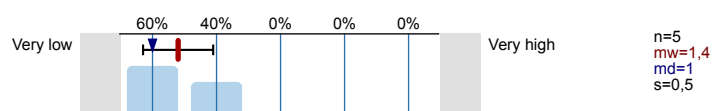
- 2.5) **Working with PyTorch**
My skills in this area *before* starting the course were...



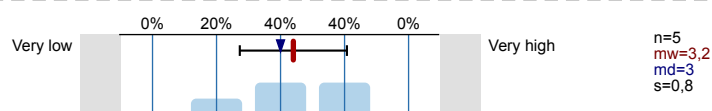
- 2.6) **Working with PyTorch**
My skills in this area are *now*...



- 2.7) **Using CUDA for machine learning**
My skills in this area *before* starting the course were...

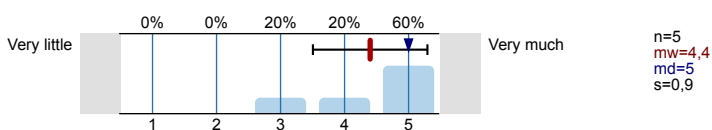


- 2.8) **Using CUDA for machine learning**
My skills in this area are *now*...

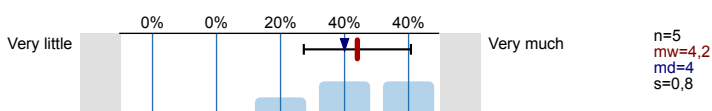


3. Questions about the course [2]

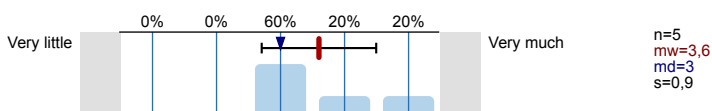
- 3.1) How much did you learn in this course?



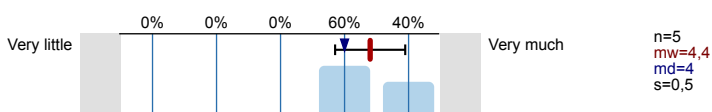
- 3.2) How interested were you in the topic *before* the course began?



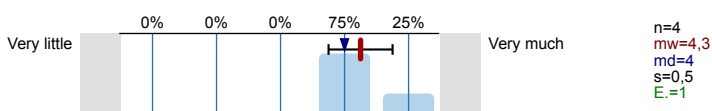
- 3.3) How well did you like the “Introduction to C++” part of the course?



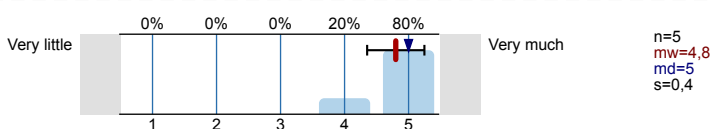
- 3.4) How well did you like the “Compiling PyTorch” part of the course?



- 3.5) How well did you like the “Extending PyTorch” part of the course?



- 3.6) How well did you like the “Convolutions in CUDA” part of the course?

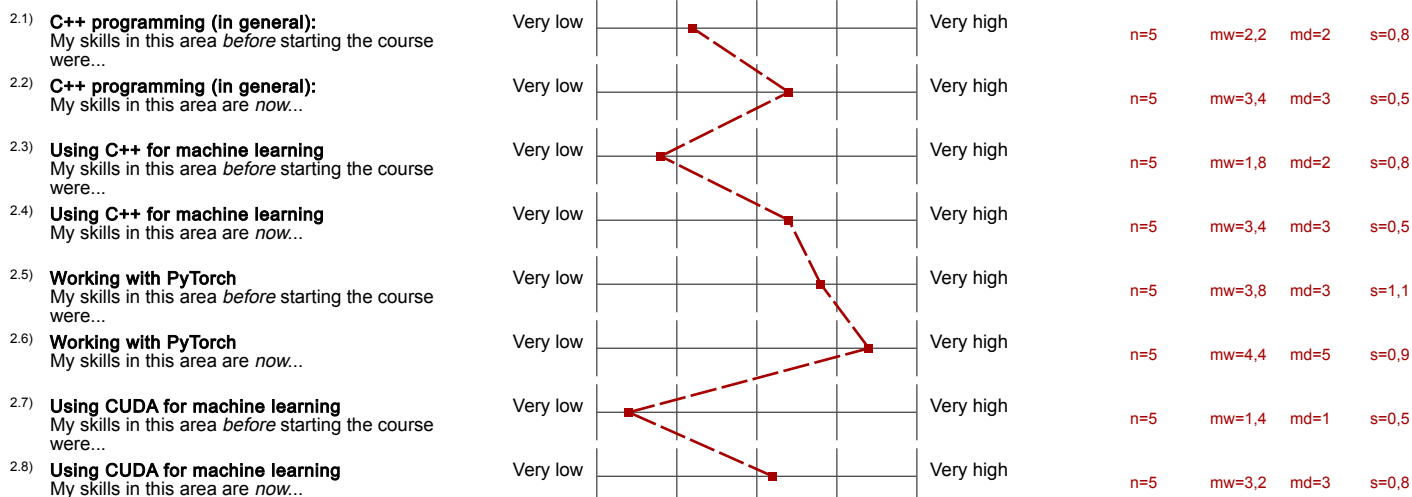


Profillinie

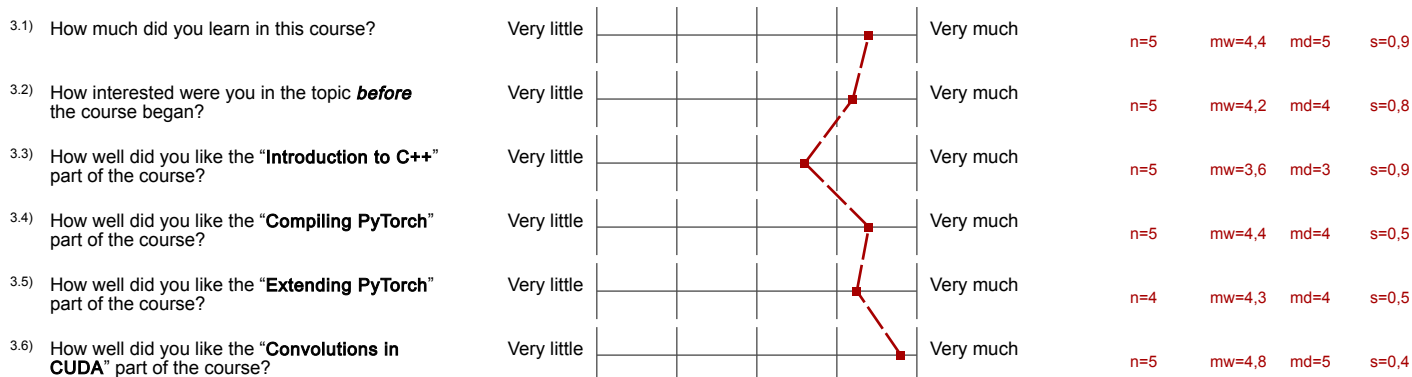
Teilbereich: Institut für Medizindidaktik
 Name der/des Lehrenden: Dr. Matthias Carl Laupichler
 Titel der Lehrveranstaltung: C for ML_2025_03
 (Name der Umfrage)

Verwendete Werte in der Profillinie: Mittelwert

2. Evaluation of Learning Objectives



3. Questions about the course [2]



Auswertungsteil der offenen Fragen

3. Questions about the course [2]

3.7) What did you like most about the course?

- As in the last workshop, I really loved the attention to implementational detail that is presented in the course, especially since my background has never allowed me to properly focus on these subtleties.
- the "Extending PyTorch" exercise was very insightful! Also, I learned a lot from the individual support given by the instructors.
- The tutors were always there to talk to you and answer any of your questions. It was very clear that they possessed a very deep knowledge on the subjects and could give you pointers for further reading.
I was seriously impressed by how much effort the tutors put in to understand my code and help fix it. It was an invaluable learning experience unlike any other course I have taken at university.

3.8) What could be improved about this course?

- I'd say that the slides of the second lecture (02 Neural Networks) focussed too much on introducing neural networks and too little on how to use torch in C++. Out of the 32 slides only 2 were about using torch in C++, even though this was the main difficulty of the coding exercise.
If I were to guess, then I'd think most people going into the course will know neural nets / CNNs quite well, but will know much less about C++.
Some further remarks / tutorials as to how to build/compile your extension written in C++ to use in Python would have been very helpful; though the exercise and the provided code did help with this to some degree.
- I think that the 4 day format worked better than the 3 day one.
- Nothing - it was perfect!

4. Participant statistics

4.1) What is your main field of research?

- Computational Neuroscience
- Deepfake Detection
- History
- Mathematics
- Neuroscience

4.2) How old are you (in years)?

- 24
- 28 (3 Nennungen)
- 33