

Dear Students!

In order to get a grade from the Neurophysiological Data Analysis course. You have two alternatives:

1st solution:

There will be cc. 4 assignments during the semester. Short analysis tasks, which require the application of those analytical techniques which were covered in the class.

I will provide you data and example scripts in Scilab, a free Matlab clone (similar but not fully compatible, you can either install Scilab or modify the scripts slightly to make them Matlab compatible). You can use these scripts directly and modify them, to accomplish the prescribed tasks. If you are more familiar with another programming language or mathematical program package (Python, Matlab, R, etc.), you are free to use your favorite one. Furthermore, if you have your own data and you think it would be interesting to do similar analysis on your own data, I am happy to accept your analysis of your data instead of using my uploaded data.

Please send me a short report (2-3 pages enough) about every assignment within 2 weeks from their announcement. A report should contain a very short description of what you did, the graphs and results you got and most importantly the conclusions of what you have drawn from the results.

If all the assignments are completed satisfactorily, you will get the offered grade 5 at the end of the semester.

2nd solution:

If you do not get an offered grade during the semester, you can take the exam at the end. Exams of this course are typically colloquium (oral not written), but this depends on the number of students who want to take this opportunity. I respect that not every student has a strong mathematical background. So if you are a biologist for example, it is not necessary to know all the mathematical forms we learned during the semester, it is more important to understand what analysis is good for what purpose and what you can get from them.

If you have any further questions, please do not hesitate to ask!

Best regards,

Zoltán Somogyvári

