# Re-examination Neurotechnology ht21 (ELA411)

Objective: write a report for the full BCI system with added work.

Neurotechnology is a project course based on collaboration between groups, both during planning, work division, implementation and documentation (report). Students who did not pass may write a new report for re-examination. The new report should use the report template found on the course canvas page and should cover the full BCI system developed during the course. The new report must also contain some added extra work for the project, i.e. a student who wants to pass on re-examination must continue on the project in some area and add it in the report.

The extra work added by the student must be relevant to the project. This added work can be any future work proposed in the previous report or some analysis relevant to the continuation of the project. However, the student will not have access to the BCI hardware or other equipment and thus, the added work is limited to what can be done with the software (all files available on Teams). For example, the previous report suggests that ICA may be used as an alternative to CSP. The student may implement ICA and then calculate performance with the classifier and compare the results to CSP. The implementation of ICA is then described in method while the result from the comparison is described in results. All new functions and files used must be sent to the course responsible together with the new report ([jonatan.tidare@mdh.se](mailto:jonatan.tidare@mdh.se)).

Max 10 pages, each section of the report template must be present. The grade on re-examination will be either U or 3, higher grades are not available. The student should cover the work of component 1,2 and 3. Select only A or B from component groups 1 and 2 (either comp1A + comp2A + comp3 OR comp1B + comp2B + comp3) when writing the report. Rules regarding plagiarism apply, and as the previous report have already been examined, no part may be directly copied (See ELA411\_studyguide “Reusing one's own previously examined work in a way that is not permitted for the task also means plagiarism”).

The re-examination deadlines are the first day of each re-examination period: june 5th (first re-examination deadline) and october 14th (second re-examination deadline).

Good luck!

/Jonatan Tidare