MARTIN NILSSON

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○ Zamsobob

RESEARCH INTERESTS

Research Methods in Cognitive Neuroscience, Data analysis, EEG, fMRI, Reproducibility, Open science, Meta-analysis.

EDUCATION

University of Skövde   **Skövde, Sweden**
M.Sc in Cognitive Neuroscience   *September,2020-June,2021*

- Thesis title: *No Relationship between Frontal Alpha Asymmetry and Motivational and Personality Traits.*

University of Skövde   **Skövde, Sweden**
B.Sc in Cognitive Neuroscience   *September,2017-June,2020*

- Thesis title: *Body Ownership: An Activation Likelihood Estimation Meta-Analysis.*
- Additional courses in Statistics (45 ECTS credits) and Neuroimaging (7.5 credits).

WORK EXPERIENCE

Teacher Assistant, University of Skövde   **Skövde, Sweden**
Department of Cognitive Neuroscience and Philosophy   *September 2017 - present*

- Teaching duties at the Master's program Cognitive Neuroscience: Mind and Brain.
- Full responsibilities for the MATLAB module of the research practice course: developing course materials; giving lectures and workshops on MATLAB programming and EEG data analysis; integrating MATLAB Grader with Canvas LMS to create and grade assignments.
- Assisting with the research methods and data processing course: co-developing materials and giving a practical workshop on Activation Likelihood Estimation (ALE) meta-analysis for fMRI data.

Professional Soldier, Swedish Armed Forces   **Stockholm, Sweden**
Life Guards Regiment   *August 2014 - May 2017*

- Combat lifesaver, driver, and mortarman at an army infantry unit.

KEY SKILLS

Programming Languages	MATLAB, R, LaTeX
Research Tools	EEGLAB, ERPLAB, SPM, GingerALE
Other Software Tools	IBM SPSS Statistics, MS Office

PUBLICATIONS

- **Nilsson, M.**, & Kalckert, A. (in press). Region-of-interest analysis approaches in neuroimaging studies of body ownership – an activation likelihood estimation meta-analysis *European Journal of Neuroscience.*

RESEARCH EXPERIENCE

"Research project: A multimodal critical evaluation of the facial-width-to-height ratio (fWHR) construct."

○ At the KNF lab in Skövde, we use a curated image database, behavioral experiments, and event-related potentials to test the robustness of the fWHR as a psychological construct.
○ I aid in the formulation of hypotheses, development of data-analysis pipelines, and manuscript writing.

VOLUNTARY ACTIVITIES

○ English teacher at a youth center in Jacó, Costa Rica, for three months between May and August 2017.

REFERENCES

○ Available upon Request.