**Statistics and Data Analysis in Neuroscience**

**Week 6: Regression / linear regression**

Instructor: Alex Kwan

1. t-test (paired and unpaired)
2. Non-parametric test
3. Two-factor ANOVA (main and interaction effects)
4. Post hoc comparison
5. Linear regression
6. Correlation coefficient
7. Residuals
8. Regression to the mean
9. Multiple linear regression