

## Education

- 2021—2023 **Methodology and Statistics for the Behavioural, Biomedical, and Social Sciences Msc**, *Utrecht University*, Utrecht, Netherlands  
Running GPA: 8.3/10.  
**Applied Data Science track**, covering exploratory analysis, data visualisation, supervised and unsupervised learning, regularisation, deep learning and natural language processing.  
**Thesis project**: Evaluating tuning strategies for random forest hyperparameters with regards to prediction performance of clinical prediction models and computational time.  
○ [GitHub repository](#).  
○ Aim: identify tuning strategies improving predictive performance of machine learning models and reducing computational time.  
○ Gained in-depth understanding of random forests.  
○ Designed a three-part simulation study.  
○ Ran and interpreted preliminary results.  
○ Optimised scripts for running on a computer cluster.  
○ Currently visualising data obtained from the simulation.  
○ Currently writing up results.
- 2017—2021 **Psychology and Statistics Bsc (Hons)**, *University of Glasgow*, Glasgow, United Kingdom  
Obtained with Honours of the First Class (highest distinction).  
**Dissertation project**: The evolution of data sharing practices in the psychological literature.  
○ [Preprint](#) (accepted for publication in Meta-Psychology).  
○ [Open Science Framework project](#).  
○ Aim: extend findings from two articles investigating journal policies' impact on data sharing rates.  
○ Reused data and cleaned it, collected follow-up data, and modelled the effect of time and other variables on data sharing rates using generalised additive models.

## Work experience

- Nov.—Dec. 2022 **Teaching Assistant**, *Department of Psychology, Utrecht University*, Utrecht, Netherlands  
and  
Nov.—Dec. 2021  
○ **Skills developed**: Communication of statistical concepts, leadership, organisation, time management, integrating feedback.  
○ Led weekly (2022) or fortnightly (2021) tutorial sessions for three groups of 20 second-year undergraduate psychology students. The tutorials focused on understanding and applying statistical methods and critically assessing a published research article.  
○ Reviewed homework prior to each tutorial sessions and modified the teaching materials accordingly to focus on identified difficulties.  
○ Was given very positive reviews by students.
- May—Aug. 2022 **Teaching Assistant**, *Department of Methodology and Statistics, Utrecht University*, Utrecht, Netherlands  
○ **Skills developed**: Communication of statistical concepts, teamwork, organisation, attention to detail.  
○ Updated and created online statistics lessons for second-year psychology students.  
- Focused on multiple linear regression (Frequentist and Bayesian), ANCOVA (Frequentist and Bayesian), and mediation (Frequentist).  
- Each lesson explains the concept, prompts the student to conduct an analysis in JASP, and guides through interpretation of the output.  
- Concept explanations were modified to include more detail.  
- Analysis was switched from SPSS to JASP.  
- Interpretations of analysis results were re-written entirely.

- Oct. 2021—**Research Assistant**, *Department of Methodology and Statistics, Utrecht University, Utrecht, Netherlands*  
 Apr. 2022
- **Skills developed:** R package building, attention to detail, teamwork, communication.
  - Conducted extensive testing of the R package CTmeta:
    - Tested input and output for each function.
    - Checked the clarity and accuracy of the documentation. Where necessary, modified the documentation.
    - Where necessary, modified functions to improve the quality of the output.
- Oct. 2021 **Teaching Assistant**, *Department of Information and Computing Science, Utrecht University, Utrecht, Netherlands*  
**Skills developed:** Critical thinking.
- Identified documents relevant to each element of a list of 150 statistical queries.
- June—Dec. 2020 **Research internship under the supervision of Dr. Zsolt Péter Szabó**, *At Work Kft., Budapest, Hungary*
- **Skills developed:** Communication of statistical results, psychometric test validation, exploratory data analysis.
  - Conducted exploratory and confirmatory factor analyses on a Hungarian translation of the Short Dark Triad questionnaire for validation of the questionnaire.
  - Third author on the [resulting publication](#).
- June—Aug. 2019 **Voluntary research work under the supervision of Dr. Emily Nordmann**, *Department of Psychology, University of Glasgow, Glasgow, United Kingdom*
- **Skills developed:** Communication, critical thinking, text mining basics, exploratory data analyses, data cleaning.
  - Cleaned and led exploratory analyses on a language use dataset collected prior.
  - Conducted a literature search and wrote a literature review.
- June 2018 **Field investigator**, *MC2, Prével, France*
- **Skills developed:** Communication, time management, attention to detail.
  - Collected responses to a questionnaire in a restaurant.

## IT skills

### R, *proficient*

Experience: 6 years.

- Familiar with base R and tidyverse.
- Data wrangling, visualization, and analysis.
- Writing functions.
- Data simulation.
- Reproducible reports in R Markdown.

### LaTeX, *proficient*

Experience: 3 years.

- Creation of documents.
- Beamer.
- Personalisation of templates.

### Python, *intermediate*

Experience: 1 year.

- Data analysis.
- Manipulation of variables and dictionaries.
- Writing simple functions.

### SQL, *beginner*

- Currently taking a course.

### GitHub, *intermediate*

Experience: 2 years.

- Collaboration on projects using forks or the same repository.
- Version control.
- GitHub pages.

### JASP, SPSS, *intermediate*

Experience: 6 months.

- Fitting models

### Mplus, *intermediate*

Experience: 3 months.

- Data analysis.
- Fitting various structural equation models.
- Interpretation of output.

### slurm, *beginner*

Experience: 3 months.

- Running large batches of R scripts on a cluster.

## Languages

**French**, C2

**English**, C2

**Hungarian**, C1

## Prizes and awards

- 2021 **Distinguished first class Honours**, *University of Glasgow*, United Kingdom  
Among the 25% highest performing first class honours students in Psychology.
- 2021 **Research Methods prize**, *University of Glasgow*, United Kingdom  
Best final year project in research methods.
- 2020 **SAS prize with high distinction**, *University of Glasgow*, United Kingdom  
Best final year project on Bsc Psychology and Statistics.
- 2020 **Merit list Psychology level 3**, *University of Glasgow*, United Kingdom  
Figuring on the list of psychology students obtaining an A grade in academic year 2019/2020.
- 2018 **Merit list Psychology level 1**, *University of Glasgow*, United Kingdom  
Figuring on the list of psychology students obtaining an A grade in academic year 2017/2018.

## Extracurriculars

- 2020—2021 **Vice President Treasurer**, *Glasgow University LGBTQ+ Society*
- **Skills developed:** Leadership, teamwork, teambuilding, communication, organisation.
  - Part of the executive in one of the largest Scottish student societies.
  - Worked with the President and Vice President Secretary to chair the 18-people committee.
  - Managed society finances.
  - Collaborated with other societies.
- 2019—2020 **International Officer**, *Glasgow University LGBTQ+ Society*
- **Skills developed:** Teamwork, communication, organisation.
  - Worked in a group to ensure the smooth running of the society.
  - Organized international student-oriented events.
  - Contact point with culture and language societies.
  - Contact point between international students and the committee.

## Publications

Neve, J., & Rousselet, G. (2021). The Evolution of Data Sharing Practices in the Psychological Literature. *Meta-Psychology (undergoing copyediting)*. <https://doi.org/10.31234/osf.io/3xdja>

Szabó, Z. P., Czibor, A., Neve, J., Restás, P., Hadarics, M., Szijjártó, L., Simon, E., Marót, J. L., Kun, Á., & Bereczkei, T. (2021). Development of the hungarian version of the short dark triad questionnaire (SD3-HU): Psychometric properties and validity. *Current Psychology*. <https://doi.org/10.1007/s12144-021-02470-4>