
FABIAN VAN DEN BERG

Located in Maastricht, Netherlands*
*willing to relocate

A sociable, innovative, quantitative
research methodologist who can
wrangle any data but also understands
human problems



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CORE COMPETENCIES

Quantitative Analytics
Research Design/Methodology
Project Management & Supervision
Organization & Time Management
Critical Thinking & Problem Solving
Written and Oral Communication
Interpersonal Skills
Balance & Resilience
Programming (Python, R, Matlab, .NET)
Adobe Creative Cloud (PS, AI)

OVERVIEW

I am a motivated, self-teaching, team-oriented, and responsible researcher with several years of **practical experience** in a scientific and non-scientific setting, collecting, processing, analyzing, and reporting **complex datasets**. Within various projects, I identified the datastreams and created efficient pipelines to combine, extract, (pre)-process, and analyze this data using **Python, MATLAB, Batch** scripts, and **R**. For further decisions on the specific analysis parameters, I set up advanced **Excel** workbooks to visualize changes to parameters in real-time. I can quickly gain new skills and new knowledge to understand and solve new problems. Proven track record of **advanced statistical methods** in the form of scientific publications.

EXPERIENCE

PHD RESEARCHER | MAASTRICHT UNIVERSITY

October 2016 - Present

I defined specific tasks and goals to identify gaps and solve problems by examining existing data and literature. Based on this research, I designed appropriate methods, collect and analyzed the necessary data.

This four-year project consisted primarily of collecting behavioral and neural (EEG) data, which I processed and analyzed using advanced quantitative methods (including but not limited to Mixed, Multilevel, Logistic, Ordinal, and Multinomial Regression, Analysis of Variance, and non-parametric testing). I interpreted the results and communicated these back to experts through scientific papers and non-experts through presentations.

This position also included the supervision of several Master students and groups of Bachelor students in their research projects, as well as teaching courses in Psychology, Statistics, Research Methods, Programming, and computer skills (such as SPSS and Excel).

- Created and taught a course on Linear Mixed Regression Models to 15+ PhD colleagues (see GitHub)
- Streamlined an Excel course for Bachelor students by fully automating checking procedures, eliminating the need to view individual files, and ensuring focus on other tasks by reducing time-on-task by more than half.
- Fully automated the data processing pipeline for several projects, facilitating data handling while reducing human error
- Presented my project at conferences to expert and non-expert audiences

LANGUAGE SKILLS

Dutch (Native)
English (Fluent)
German (Passive)

DOCTORAL DEGREE (PHD), COGNITIVE NEUROSCIENCE

MAASTRICHT UNIVERSITY
2016-2021 (EXPECTED)

RESEARCH MASTER OF SCIENCE, PSYCHOLOGY & NEUROSCIENCE

MAASTRICHT UNIVERSITY
2012-2014

BACHELOR OF SCIENCE, PSYCHOLOGY

MAASTRICHT UNIVERSITY
2009-2012

INTERESTS

I enjoy doing sports a lot and staying in shape, mostly through daily fitness sessions (cardio & strength) and sports such as MMA or Kickboxing

I cook every night (occasionally I bake too) and try to experience foods from different cultures

Art is also important to me, especially drawing and digital design, with paper and pencil or Photoshop/Illustrator

I am a huge fan of good stories in any form, from books to TV show/movies to video games

Socializing is an important aspect of my life as well. With in-person movie-nights and Halloween storytelling evenings or digitally on social media

STATISTICIAN | HULPBIJSPSS/SOLIDSTATISTICS

May 2015 – October 2016

- I effectively communicated with clients about their projects and needs on statistical analyses (verbally and non-verbally)
- Ran analyses using quantitative methods on a variety of data (behavioral, user, and medical data)
- Communicated results to each client in a comprehensible manner

INTERNSHIP AND CONSULTANCY

| KNP PRACTICE FOR CHILD NEURO PSYCHOLOGY

October 2013 – May 2015

- Digitized and automated the distribution and handling of screening tools through scripts using Google Forms and Google sheets
- Statistical consultation and analyses on large datasets
- Designed and administered neuropsychological assessments
- Interpreted clinical data and communicated the results to the lead psychologist
- Collected, analyzed, and interpreted scientific data

INTERSHIPS, ELECTIVES, AND EXCELLENCE PROGRAM | MAASTRICHT UNIVERSITY

October 2012 – October 2013

- Collected and analyzed quantitative data using various measures such as heart rate, skin conductance, respiration, and electroencephalography
- Collected and analyzed qualitative data from questionnaires
- Presented results at the International Student Research conference 2012 (poster presentation)

TUTOR AND RESEARCH ASSISTANT PSYCHOLOGY | MAASTRICHT UNIVERSITY

February 2011 – October 2013

- Digitized existing research tools
- Streamlined the data conversion and analysis processes by creating a stand-alone program using .NET
- Guided and supervised Problem-Based Learning groups in various Psychological topics