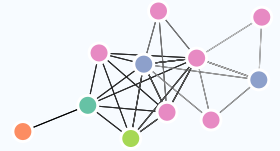# SIMON STEIGER

I currently develop interactive visualization platforms in Shiny to empower patients, doctors and industrial partners. I have a background in psychology and statistical modeling, and contributed to several interdisciplinary research projects in the past.

In my free time, I keep my statistical skills fresh by working on research projects with my friends. Feel free to have a look at my GitHub page!

🎓 EDUCATION

2022 | 2019

MSc. Psychology
Mannheim, GER 📍 University of Mannheim

- Thesis: Comparing inter- and intraspecific learning trajectories in two Ara species using Bayes Factors.
- Focus project: Bayesian methods for hierarchical data.
- Minor: Philisophy of Science.

2019 | 2015

BSc. Psychology
Mannheim, GER 📍 University of Mannheim

- Thesis: Measuring reflection in innovative and classical teaching formats: A cognitive pretest on the HAREBE reflection sub scale.
- Focus project: The influence of affective states on time perception.
- Minor: Computer Science

💼 INDUSTRY

Present | 2022

R Shiny developer
Stockholm, SWE 📍 Karolinska University Hospital

- Developed and published an R Shiny app to communicate data from the Swedish Rheumatology Quality Register to industrial partners.
- Created user-friendly parameterized reports on public health surveillance data in rheumatology using R Markdown and LaTeX.
- Currently developing an R Shiny app to empower patients and clinicians with data from the Swedish Rheumatology Quality Register.

💻 RESEARCH

2022 | 2020

Statistician
Nuremberg, GER 📍 Nuremberg Hospital

- Prepared, analyzed, visualized and communicated data with R and R Markdown for scientific publications in the health sector.
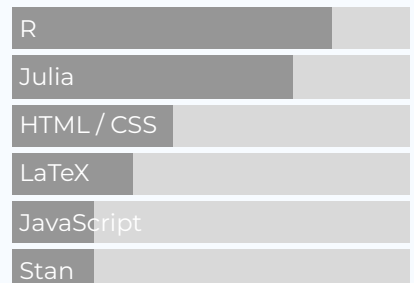
CONTACT

✉ simon.j.steiger@gmail.com
 github.com/simonsteiger
in linkedin.com/in/steigers

LANGUAGES

| R |
| Julia |
| HTML / CSS |
| LaTeX |
| JavaScript |
| Stan |

2022 | 2022

Research Assistant
Lund, SWE   📍 Lund University

· Gathered and analyzed data on rhythmic behavior in chimpanzees.
· Attended an international conference on rhythmic behavior in animals.

2022 | 2016

Research Assistant
Mannheim, GER   📍 University of Mannheim

· Programmed, conducted, and helped in the analysis of several research projects.
· Evaluated the validity of two questionnaires.

2020 | 2020

Research Assistant
Puerto de la Cruz (Tenerife), ESP   📍 Max Planck Institute

· Designed two cognitive experiments on rule learning and risk-sensitivity in neotropic parrots.
· Independently collected data.

2019 | 2019

Research Assistant
Mannheim, GER   📍 GESIS Leibniz Institute

· Conducted cognitive interviews and analyzed results, which I presented to the client.

2018 | 2018

Research Assistant
Mannheim, GER   📍 University of Mannheim

· Conducted cogntive interviews to evaluate a new questionnaire tool as part of my bachelor thesis.

TEACHING

2022 | 2021

Guest Lecturer on Statistical Inference
Remote   📍 DFKGT e.V.

· Held a lecture series on applied statistical inference in the health sector.

PUBLICATIONS

2023 | 2023

Does delirium present itself in pictorial works? A systematic analysis of pictorial works by geriatric inpatients with and without delirium[1]
GMS Journal of Arts Therapies

· Contributed statistical analyses to study pictoral expression in elderly people with and without delirium.

LINKS

1: https://www.egms.de/static/en/journals/jat/2023-5/jat000031.shtml