MARKUS FREITAG

Curriculum Vitae
November, 2021

CONTACT INFORMATION

@ freitagmarkus@outlook.de

CURRENT POSITION

Data Scientist   02/2022
ARAG

WORK EXPERIENCE

Data Analyst   10/2021-1/2022
Futrue GmbH

Tasks:

- Programming production-ready (R Shiny) Dashboards/Apps

- Increasing efficiency in data management

- Advising the statistical analysis of clinical trials

Research Fellow (Wissenschaftlicher Mitarbeiter)   4/2021 - 7/2021
at the Chair of Empirical Political Research and Policy Analysis
Geschwister Scholl Institute of Political Science
LMU Munich

Tasks:

- Teaching Programming with R

- Research on statistical aspects of (conjoint) survey experiments

- Research on mass public preferences on arms exports

Student Assistant   9/2018-4/2021
at the Chair of Empirical Political Research and Policy Analysis
Geschwister Scholl Institute of Political Science
LMU Munich

Tasks:

- Teaching M.A.-level methods lab sessions

- Assisting the collection and analysis of data for various projects

- Supporting the publication of scientific articles

Note: Up to 20h/week (e.g. in winter term 19/20 und 20/21 due to extensive teaching).

Internship at the Department of Government at University College Cork   3/2017 - 5/2017

EDUCATION

M.A. in Political Science 2/2021
Final Grade: 1.19; Thesis: 1.0
LMU Munich

B.A. in Political Science 9/2014 - 7/2018
Final Grade: 1.54; Thesis 1.0
LMU Munich

Visiting Student at University College Cork (Ireland) 9/2016 - 5/2017
2-Semester Programme (ERASMUS-Grant)

Abitur 7/2014
Olching, Germany

LANGUAGE SKILLS AND TECH STACK

Languages German, English (OLS-Assesment C2), French (DELF B1)
Tech Stack Proficiency: R, Rmarkdown, R shiny, Git(Hub), LaTeX, MS-Office
Advanced: Docker, Stata, Julia
Basic: Python, SQL, Arc-Gis/Q-Gis, Javascript, HTML

TEACHING EXPERIENCE

Lecturer 07/2021
Introduction to Programming with R for Political Scientists.

Teaching Assistant 08/2021
GESIS Summer School. Course: "Using Directed Acyclic Graphs for Causal & Statistical Inference
(Julian Schuessler)"

Teaching Assistant winter term 2020/2021
Teaching lab sessions accompanying the Lecture "Political Science Methods for Master Students"

Teaching Assistant 2/2020
ECPR Winter School, Bamberg. Course: "Conditional Logit Models (Paul W. Thurner)"

Teaching Assistant winter term 2019/2020
Teaching lab sessions accompanying the Lecture "Political Science Methods for Master Students"

SOFTWARE

cjpowR
A Priori Power Analyses for Conjoint Experiments. R Package.

RESEARCH INTERESTS

Statistics/Data Science, (Observational) Causal Inference, Political Economy, Survey Methodology and
Survey Experiments, Discrimination

WORKING PAPER

Schuessler, Julian and Markus Freitag (2020). *Power Analysis for Conjoint Experiments*. SocArXiv.
doi:10.31235/osf.io/9yuhp.

Rudolph, Lukas, Freitag, Markus and Paul W. Thurner (2021). The Comparative Legitimacy of Arms
Exports - A Conjoint Experiment in Germany and France. SocArXiv. https://doi.org/10.31235/osf.io/r73pv.

SUMMER SCHOOLS & SELECTED ADDITIONAL COURSES

NLP with R & Python for Twitter Data   5/2021
Department of Statistics, LMU

Causal Mediation Analysis   3/2021
UFP Barcelona

Probability - The Science of Uncertainty and Data   Summer Term 2019
EdX Graduate Course (guest auditor)

GESIS Summer School in Survey Methodology   8/2019
Cologne

Time Series Analysis   2017
Department of Economics, UCC Ireland (top of class; used as 1.0 for WP1)

RESEARCH PROJECTS

The Comparative Legitimacy of Arms Exports
Project Member (PIs: Paul W. Thurner and Lukas Rudolph; funded by the German Foundation for Peace Research).