

Stanislaus STADLMANN

CONTACT INFORMATION

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EDUCATION

JUL 2021 PhD in Statistics, Cotutelle Joint Program at **Macquarie University**, Sydney (AUS)
FEB 2018 and **Georg-August-University**, Göttingen (GER)
Topic: Distributional Regression, Supervisors: Gillian Heller, Thomas Kneib
Thesis title: "The visualization, unbiased estimation and interpretation of distributional regression models"
Project 1: Variable Importance in Maximum-Likelihood-based regression models
Project 2: Parameter Orthogonality Transformations in Distributional Regression Models
Project 3: Interactively visualizing distributional regression models with `distreg.vis`

DEC 2017 M.Sc. in Applied Statistics, **Georg-August-University**, Göttingen (GER)
OCT 2015 *Grade: Summa Cum Laude | Focus: GLMs, GAMs*
Master's thesis: "bamlss.vis: An R Package to Interactively Analyze and Visualize Bayesian Additive Models for Location, Scale and Shape (BAMLSS) Using the Shiny Framework"
Linear and Generalized Linear Models
R Programming

MCH 2015 B.A. in Economics, **Georg-August-University**, Göttingen (GER)
OCT 2011 *Grade: Magna Cum Laude | Focus: Statistics / Econometrics*
Bachelor thesis: "Modeling the Relationship between Unemployment Rate and Population Density including other Socioeconomic Factors in Districts of Germany using Semi-Parametric Regression"

AUG 2013 International Exchange, **University of Ireland**, Galway (IRL)
DEC 2013 Courses include: Ireland, Europe and the Global Economy, Money & Banking

EMPLOYMENT

Current FEB 2020	Instructor, Tutor (0.2 FTE) at Macquarie University , Sydney (AUS) <i>Department of Statistics and Mathematics</i> <ul style="list-style-type: none">• Introductory Statistics (2x)• Applied Statistics using R (3x)• Coding and Communication in Statistics
Nov 2019 FEB 2018	Research Assistant (0.75 FTE) at Georg-August-Uni , Göttingen (GER) <i>Chairs of Statistics and Econometrics</i> <ul style="list-style-type: none">• R packages surrounding distributional regression and computational statistics
Mar 2016 MAY 2015	Intern (1 FTE) & Work-Student (0.25 FTE) at STATWORX , Frankfurt (GER) <i>Data Science - Team</i> <ul style="list-style-type: none">• Create and present multiple training courses about Statistics and R• In charge of Statistics & Data Science projects at private and enterprise customers

Apr 2015 NOV 2014	Intern (1 FTE) at Landesbank Baden-Württemberg , Stuttgart (GER) <i>Credit Research</i> <ul style="list-style-type: none"> • Helped create and service a credit scoring model of sub-sovereign entities • Wrote multiple qualitative and quantitative publications on state bonds
Mar 2017 OCT 2012	Tutor (0.2 FTE) in Statistics at Georg-August-Uni , Göttingen (GER) <i>Chair of Statistics and Econometrics</i> <ul style="list-style-type: none"> • Held multiple tutorials about Statistics and R per week • Held 1 class in front of 200 students

PRESENTATIONS

May 2018:	Contributed talk at European R User Meeting, Budapest. (Link)
Sep 2018:	Contributed talk at Statistische Woche, Linz
Sep 2018:	Contributed talk at Applied Statistics and Empirical Methods Summer School 2018, Göttingen
Sep 2019:	Contributed talk at Applied Statistics and Empirical Methods Summer School 2019, Göttingen

PUBLICATIONS

Apr 2018:	Stadlmann & Kneib: Interactively visualizing distributional regression models with <i>distreg.vis</i> , <i>Journal of Statistical Modeling</i> (Link)
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RESEARCH INTERESTS

Distributional Regression, nonparametric estimation, GAMLSS, model/variable selection (automatic or not).

R PACKAGES

Name	Role
• distreg.vis	Author, Maintainer
• vibe	Author, Maintainer
• gamlss.dist	Contributor
• bamlss	Contributor

TEACHING

What	Role	When
• Introduction to Statistics (1st year course)	Instructor	2018-2019
• Multivariate Statistics (Master's course)	Instructor	2018
• Advanced Statistical Programming with R (Master level course)	Instructor	2018, 2019
• Introduction to Statistics (1st year course)	Tutor	2020
• Coding and Communication in Statistics (1st year course)	Instructor, Tutor	2020
• Applied Statistics using R (2nd year course)	Tutor	2020-2021

LANGUAGES

GERMAN:	First Language	FRENCH:	Basics
ENGLISH:	Fluent	SPANISH:	Intermediate

COMPUTER SKILLS

Expert:	R
Advanced:	Python, SPSS, MS Office, LaTeX, qGIS, MatLab
Basics:	Stata, SAS, eViews, Minitab, VBA