

# SEVAG KEVORK

Data Scientist / Statistician



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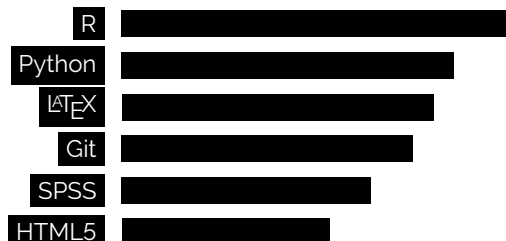
github.com/kevorks

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## WHO AM I?

I am a Data Scientist / Statistician with a passion for data analysis. I believe that words and data are the two most powerful tools to change the "world". I am mostly programming and working on gaining insights from large data sets and interpreting them. My skills include network & statistical data analysis, data visualization, machine learning, and statistical consulting. I have developed a keen understanding of problem-solving and enjoy challenges. Occasionally, in my free time, I work on things that are important to me as well, like creating personal projects and writing tutorials.



# CURRICULUM VITAE

## EXPERIENCE

current–from  
08/2017

### Research Associate

Ludwig-Maximilians-Universität Munich

Ph.D. candidate, dissertation topic: Modeling Unobserved Heterogeneity in Social Network Data Analysis | Lecturer for introductory and programming courses (Introduction to Statistical Data Analysis with R and Programming with R) | Lecturer for classes at the Department of Statistics (Descriptive Statistics, Statistics II and III, Linear Models, Generalized Regression, Sampling Theory, Design of Experiments, and Advanced Statistical Modelling). | Supervisor of theses (Beginning Internship, Statistical Internship, and Bachelor's Thesis) | Collaboration on the monitoring report 2019 of the Federal Environment Agency (Umweltbundesamt) | Statistical consulting of > 50 LMU internal small and large projects | Preparation of scientific publications.

02/2015–07/2017

### Student Assistant StaBLab

Ludwig-Maximilians-Universität Munich

Statistical consulting and data analysis for many external and LMU internal projects | Creation of figures and slides for teaching.

01/2005–12/2014

### Managing Director

Own Company

Company in retail and gastronomy. Locations in Munich, Neubiberg and Baldham.

## EDUCATION

08/2017–EST

### Ph.D.

Ludwig-Maximilians-Universität Munich

COMP DT 04/2022

Degree sought: Dr. rer. nat., Thesis topic: Modelling Unobserved Heterogeneity in Social Network Data Analysis.

10/2014–07/2017

### Master's Degree in Biostatistics

Ludwig-Maximilians-Universität Munich

Degree: M. Sc., Biostatistics, Thesis: Separable Temporal Exponential Random Graph Models.

09/2000–07/2004

### Diploma in Psychology

University of Practical Psychology and Sociology Urartu

Degree: Diplom in Psychologie, Thesis: Conflicts in Organizations and The Ways of Overcoming Them.

## AWARDS

**Best Poster Award:** Iterative Estimation Approach for Exponential Random Graph Models (ERGMs) with Nodal Random Effects. International COSTNET Conference 2018, September 26–28, in Warsaw Poland.

## PUBLICATIONS

**Kevorg, S.**, Kauermann, G. (2022). Bipartite Exponential Random Graph Models with Nodal Random Effects. *Social Networks*, 90-99, ISSN 0378-8733, <https://doi.org/10.1016/j.socnet.2021.11.002>.

**Kevorg, S.** and Kauermann, G. (2021). Iterative Estimation of Mixed Exponential Random Graph Models with Nodal Random Effects. *Network Science* 9, 478-498. <https://doi.org/10.1017/nws.2021.22>.

Witting, M., Filimon, S., **Kevorg, S.** (2021). Carry along or not? Decision-making on carrying standard avalanche safety gear among ski tourers in a German touring region. *Safety Science*, 105406, ISSN 0925-7535, <https://doi.org/10.1016/j.ssci.2021.105406>.

Pöllath, N., García-González, R., **Kevorg, S.**, Mutze, U., Zimmermann, M. I., Özbaşaran, M., Peters, J. (2021). A non-linear prediction model for ageing foetal and neonatal sheep reveals basic issues in early neolithic husbandry. *Journal of Archaeological Science*, 105344, ISSN 0305-4403, <https://doi.org/10.1016/j.jas.2021.105344>.

Freick, M., Weber, J., Passarge, O., & **Kevorg, S. D.** (2017). Effects of erythromycin on milk yield, rumen contraction rate and blood beta-hydroxybutyrate concentration in dairy cows after laparoscopic reposition of the left displaced abomasum. *Veterinární medicína*, 61(8), 413-420, doi: 10.17221/20/2016-VETMED

## REFERENCES

**Prof. Dr. Göran Kauermann**  
Doctoral Supervisor

Chair of Applied Statistics in Social Sciences, Economics and Business, Ludwig-Maximilians-Universität Munich. Telefon: +49 89 2180 2220, E-Mail: [goeran.kauermann@stat.uni-muenchen.de](mailto:goeran.kauermann@stat.uni-muenchen.de)

**Prof. Dr. Helmut Küchenhoff**  
Head of StaBLab

The Statistical Consulting Unit (StaBLab), Ludwig-Maximilians-Universität München. Telefon: +49 89 2180 2814, E-Mail: [kuechenhoff@stat.uni-muenchen.de](mailto:kuechenhoff@stat.uni-muenchen.de)

## COMMUNICATION SKILLS

### Conferences

Oral presentation at the DAGStat conference 2019 in Munich, Germany

Oral presentation at the summer retreat 2019 of the department of statistics in Holzhausen

Oral presentation at the COSTNET conference 2019 in Bilbao, Spain

### Posters

Poster at the COSTNET conference 2018 in Warsaw, Poland

Poster at the MCML: Munich Center of Machine Learning 2019 in Munich, Germany

## SKILLS

**Team player and communicative** due to many years of experience in joint project works (LMU internal as well as external projects & StaBLab), due to working as a student assistant on numerous group projects during studies.

**Courteous, friendly demeanor** through experience as a lecturer, working with project partners, working as a tutor, and as a student assistant.

**Disciplined** through the experience of writing my doctoral, master's, and diploma theses, publications, and many years of work as a research assistant and research associate.

**Enthusiastic** about new tasks and interested in learning new things.

## LANGUAGES

German   
English   
Hebrew   
Armenian   
Arabic   
Russian

## INTERESTS

I love going to the **theater**; it makes me feel immersed in new exciting worlds. **Traveling** and learning about new cultures is a quality of life for me, and my many language skills make interacting easier. **Movie** nights with my family or just listening to **music** are interests which I value much.