



Jacob Stærk-Østergaard

Quantitative Expert, PhD

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Character



Skills

IT Tools R, Python, C++, SQL
 \LaTeX , MatLab

Danish Mother tongue
 English Full proficiency
 German Adequate
 French Basic knowledge

Experience

- 2022- Assistant Professor University of Copenhagen
Animal Welfare and Disease Control, Department of Veterinary and Animal Science
- 2018-2022 Postdoc University of Copenhagen
 2018-2019: *Department of Mathematical Sciences*
 2019-2021: *Center for Information and Bubble Studies, Department of Communication*
 2021-2022: *Animal Welfare and Disease Control, Department of Veterinary and Animal Science*
- 2010-2015 Risk Manager Nordea
Quantitative Analyst in Market Risk Modeling

Education

- 2015-2018 PhD (Statistics) University of Copenhagen
- 2016-2017 Visiting scholar Boston University
- 2013-2015 Chartered Financial Analyst CFA Institute
- 2013 Advanced Risk and Portfolio Management Baruch College (SYMMYS)
- 2007-2010 MSc (Statistics) University of Aarhus
- 2004-2007 BSc (Mathematics) University of Aarhus

Grants & Awards

- 2018 PhD Thesis ranked in the top 5% at the Faculty of Science, UCPH
- 2016 Fulbright Scholarship
- 2016 Knud Højgaards Fond
- 2016 Oticon Fonden
- 2016 Christian og Ottilia Brorsons Rejselegat
- 2016 Torben og Alice Frimodts Fond

Teaching

- Experience lecturing large (140+ students) groups and class size teaching.
- 2018-2019 Statistics 2: Fixed + Random Effects Models University of Copenhagen
Course responsible, lecturer, 140+ students
 - 2018-2019 Data Science Lab University of Copenhagen
Consulting students and researchers in statistical analysis.
 - 2015-2017 Discrete Models: Poisson + Logistic Regression University of Copenhagen
Lecturer and teaching assistant, 40+ students
 - 2007-2010 Statistics and probability theory University of Aarhus
Teaching assistant in various courses

Memberships

- Danish Society for Theoretical Statistics

Volunteering

- Instructor at Aarhus Taekwondo Club
- Tutoring of new students at University of Aarhus