



Jacob Østergaard

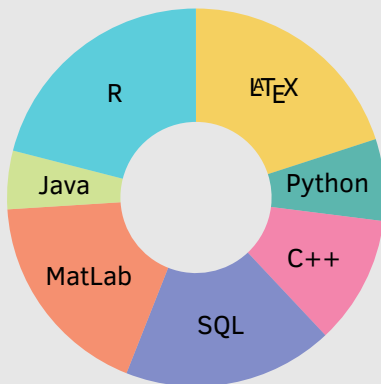
PhD fellow in Statistics

-  20 Juni 1983
-  Hiort Lorenzens Gade 21, 4. sal
2200 København N, Denmark
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-  www.jacobostergaard.com
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Character



Skills



- Danish ★★★★★
- English ★★★★★
- German ★★★★☆
- French ★★★★★

Experience

- 2018- Postdoc University of Copenhagen
Department of Mathematical Sciences
- 2010-2015 Risk Manager Nordea
Quantitative Analyst in Market Risk Modeling
- 2007-2010 Manager Gringobar, Roskilde Festival
Responsible for logistics and 70+ volunteers
- 2003-2004 Teacher Fole Friskole
Mathematics, biology, physical education for 5-7th grade

Education

- 2015-2017 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

- 2016 Fulbright Scholarship
- 2016 Knud Højgaards Fond
- 2016 Oticon Fonden
- 2016 Christian og Ottilia Brorsons Rejselegat
- 2016 Torben og Alice Frimodts Fond

Teaching

- 2018- Statistics 2 University of Copenhagen
- 2015- Discrete Models University of Copenhagen
- 2010 Statistics and Data Analysis University of Aarhus
- 2008-2009 Mathematical Modeling 2 University of Aarhus
- 2007-2009 Mathematical Modeling 1 University of Aarhus
- 2008 Introduction to Mathematical Modeling University of Aarhus
- 2007 Statistics University of Aarhus

Memberships

- Danish Society for Theoretical Statistics

Volunteering

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



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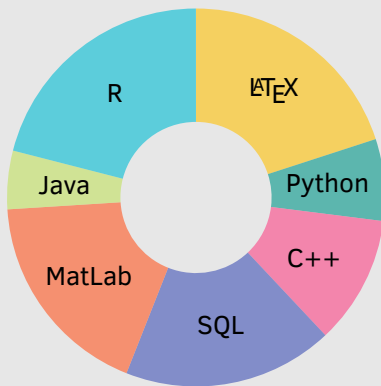
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Organizing

2017 Mathematical Modeling in Neuroscience Svaneke, Denmark
University of Copenhagen

Conferences

2016 Bayesian Statistics and Algorithms at CIRM Marseille, France
2015 OCCAM: From simple neurons to large-scale models of cognition Osnabrück, Germany

Presentations

2018 PhD Defense Copenhagen, Denmark
2017 3rd International Conference on Mathematical NeuroScience Boulder Colorado, USA
2017 BIRS Workshop Banff, Canada
2016 MBI Workshop Columbus, Ohio, USA
2016 Nordstat Copenhagen, Denmark
2016 DynStoch Rennes, France
2016 2nd International Conference on Mathematical NeuroScience Juan Les Pins, France
2016 Dynamical Systems Interdisciplinary Network Colloquium Værløse, Denmark
2016 Internal seminar Department of Mathematics Copenhagen, Denmark
2015 Dynamical Systems Interdisciplinary Network Colloquium Væøse, Denmark

Coursework

2016 Statistical inference for partially observed stochastic processes Faculty of Engineering (LTH) Lund, Sweden
2015 Gaussian Graphical Models University of Copenhagen Copenhagen, Denmark
2015 Advanced Topics in Machine Learning: Deep Learning Technical University of Denmark Copenhagen, Denmark
2015 INCF: Information Processing in Neural Systems Osnabrück University Osnabrück, Germany
2015 State Space Models University of Copenhagen Copenhagen, Denmark



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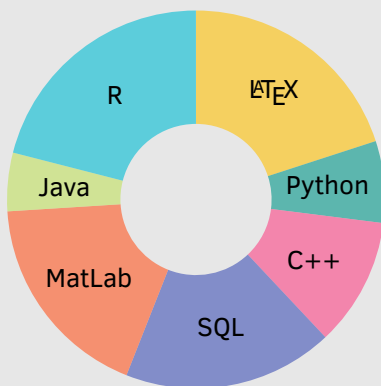


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Publications

2017	Østergaard J <i>High dimensional cointegrated phase processes</i>	Working Paper
2017	Østergaard J, Ditlevsen S, Eden UT <i>A state space models for bursting neurons</i>	Working Paper
2017	Østergaard J, Kramer M, Eden UT <i>Capturing spike variability in noisy Izhikevich neurons using point process GLMs.</i> <i>Neural Computation (MIT Press)</i>	Article
2017	Østergaard J, Rahbek A, Ditlevsen S <i>Oscillating systems with cointegrated phase processes.</i> <i>Journal of Mathematical Biology (Springer)</i>	Article