Beniamino Hadj-Amar

Contact Information

University of Warwick
Department of Statistics
Coventry, CV4 7AL, UK

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Education:	**University of Warwick**, United Kingdom Ph.D. candidate, (expected October 2019). Statistics, (OxWaSP: Oxford-Warwick Statistical Programme). Dissertation: "Bayesian Model Search for Nonstationary Periodic Time Series". Advisor: Professor Bärbel Finkenstädt. **University of Oxford**, United Kingdom Centre for Doctoral Training, OxWaSP, 2016. Overview: Training for graduate researchers in the theory, methods and applications of Statistical Science for modern data-intensive environments and large-scale models, by working effectively both in teams and individually. **University of Warwick**, United Kingdom MSc Statistics (*Distinction*), 2015. Dissertation: "Simulating the Wright-Fisher Diffusion " Advisor: Dr Paul Jenkins and Dr. Dario Spano. **University of Genoa**, Italy BSc Mathematical Statistics and Data Management (*110 cum laude*), 2014. Dissertation: "Natural Language Processing using Semantic Tools" Advisor: Professor Eva Riccomagno and Dr. Fabrizio Malfanti.
Professional Experiences:	**Intelligrate**, Italy Competitive Intelligence and Data Integration. Project: Sentiment Analysis of Twitter Data. Intern, Summer 2014. Advisor: Dr. Fabrizio Malfanti.
Research:	**University of Minnesota**, Minnesota, USA Division of Biostatistics. Research Visiting Student, Summer 2018. Project: Dirichlet Processes and Infinite Hidden Markov Models. Advisor: Dr. Mark Fiecas.

Technical Skills:	**Coding Languages**
	Proficient in R and Julia and experience working with Matlab, C, C++, SAS and Python.
	Other
	Computer Skills: LaTeX, Word, Excel, Powerpoint.
	Languages: Italian and English.

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Teaching:

University of Warwick, Department of Statistics
Teaching Assistant.
ST220 - Introduction to Mathematical Statistics (Autmun 2016, 2017, 2018).
ST104 - Statistical Laboratory (Spring 2017, 2018).

University of Oxford, Department of Statistics
Teaching Assistant.
OxWaSP Module – Time Series and Stochastic Processes, Spring 2018
            (Spectral Analysis of Time Series).

University of Warwick, Department of Computer Science
Teaching Assistant (temporary).
CS 342 - Machine Learning (Spring 2018).

Awards:

University of Warwick
Department of Statistics, OxWaSP Studentship, 2015.
Department of Statistics, MSc Bursary, 2014.

Publications:

Hadj-Amar, B., Finkenstädt, B. , Fiecas, M., Levi, F. and Huckstepp, R. (2018),
"Bayesian Model Search for Nonstationary Periodic Time Series",
(submitted to the *Journal of the American Statistical Association*)

Posters and Presentations:

JSM 2018, Vancouver, BC, Canada - August 2018
NeuroImaging Group Meeting, Minneapolis, MN, USA - June 2018.
Statistics Seminar, Genoa, Italy - April 2018.
BayesComp, Barcellona, Spain - March 2018.
Greek Stochastics, Milos, Greece - August 2017.
OxWaSP Amazon Workshop, Berlin, Germany - March 2017.