Antonio Remiro Azócar

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Spanish, Venezuelan citizen

Education

University College London

PhD Statistical Science   September 2018 - present
- Advisor: Prof. Gianluca Baio
- Current research theme: *Survival analysis and population-adjusted indirect treatment comparison in health economic evaluation*

MRes Financial Computing, Distinction   September 2017 - September 2018
- Dissertation: *Transition probability estimation from partitioned survival curves.* Advised by Prof. Gianluca Baio and Dr. Anna Heath.
- PhD-level computational statistics modules at the Gatsby Computational Neuroscience Unit

MSc Machine Learning, 72%   September 2016 - September 2017
- Dissertation regarding the hierarchical Bayesian modelling of decision-making tasks in computational psychiatry. Based at the Gatsby Unit under the supervision of Dr. Oliver J. Robinson and Prof. Peter Dayan.
- Selected performance: Applied Machine Learning (83%), Mathematical Programming (80%), Numerical Optimisation (80%)

University of Bath

BSc (Hons) Mathematics and Physics   September 2013 - June 2016
- Industry project about city-wide mobility mapping using social media communications undertaken in collaboration with Buro Happold Engineering

Experience

Statistical Consultant, IQVIA   October 2018 - present
- Active as a consultant to the pharmaceutical industry on statistical issues arising in health technology appraisal and evidence based medicine
- Current project: *Conducting matching-adjusted indirect comparison on time to event and dichotomous data*

Director, Osasun Quantitative Healthcare   October 2018 - present
- Start-up consultancy providing advice on health economic modelling, predictive analytics and real-world evidence development to the health care sector

Graduate Teaching Assistant, London School of Economics   September 2018 - present
- Guest teacher for course *Applied Regression* for second-year statistics undergraduates

Graduate Teaching Assistant, University College London   September 2018 - present
- Demonstrator for course *Introductory Statistical Methods and Computing* for life sciences undergrads

Research Intern, Imperial College London/Royal Botanic Gardens Kew   June 2016 - Sept. 2016
- Mined under-exploited plant information resources to explore global and regional biodiversity patterns. Developed statistical models to estimate future species discovery rates and biodiversity 'hotspots'.

Honours and awards

- Full 4-year (1+3) MRes+PhD scholarship from the EPSRC Centre for Doctoral Training in Financial Computing and Analytics, a joint collaboration between UCL, LSE and Imperial College London (2017-2021).
- NERC Research Experience grant (summer 2016)

Skills

- Programming (most experienced): R, Python, Stan, LaTeX, Excel/Access (VBA)
- Programming (working knowledge): C/C++, Stata, SPSS, BUGS/JAGS, MATLAB, TensorFlow
- Languages: Spanish (native), English (bilingual), French (advanced), Portuguese (basic)

References

Available upon request