

SHAKEEL GAVIOLI-AKILAGUN

✉ s.a.gavioli-akilagun@lse.ac.uk 🌐 gaviolsha.xyz 🐙 github.com/gaviolsha

EDUCATION

2019-23	PhD in Statistics <i>London School of Economics</i>
2018-19	MSc in Statistics by Research <i>London School of Economics (Distinction)</i>
2014-17	BSc in Economics and Econometrics <i>University of York (First Class)</i>
2015-16	Economics and Statistics <i>University of Hong Kong (exchange year)</i>

PUBLICATIONS & PRE-PRINTS

Fast and Optimal Inference for Change Points in Piecewise Polynomials via Differencing (with P. Fryzlewicz). *In submission*, 2023.

Invited discussion of *Automatic Change-Point Detection in Time Series via Deep Learning* by Li, Fearnhead, Fryzlewicz, and Wang. *Journal of the Royal Statistical Society Series B*, 2023.

Robust Inference for Change Points in Piecewise Polynomials using Confidence Sets (with P. Fryzlewicz). *Manuscript in preparation*, 2023.

Recovering Causal Structures in Change Point Regressions via Hawkes Process Representation (with P. Fryzlewicz). *Manuscript in preparation*, 2023.

SEMINARS & CONFERENCES

2023	16th International Conference on Computational and Methodological Statistics, Berlin (invited); 6th International Conference on Econometrics and Statistics, Tokyo (invited, declined) , Charles University Advanced Statistics Seminars, Prague (invited); Paris-Saclay Change-Point Workshop, Paris (invited)
2022	StatScale Early Careers Researchers Meeting, Brighton (invited), American Statistical Association Joint Statistical Meetings, Washington DC (contributed); International Conference on Robust Statistics, University of Waterloo (contributed, with travel award); Institute of Mathematical Statistics Annual Meeting, London (contributed)
2021	14th Conference on Computational and Methodological Statistics, London (contributed)

TEACHING

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| 2023-24 | <ul style="list-style-type: none">- ST226: Actuarial Investigations (Financial)- ST445: Managing and Visualising Data- ST446: Distributed Computing for Big Data- ST457: Graph Data Analytics and Representation Learning |
| 2022-23 | <ul style="list-style-type: none">- ST304: Time Series and Forecasting- ST310: Machine Learning- ST227: Survival Models- ST226: Actuarial Investigations (Financial) |
| 2021-19 | <ul style="list-style-type: none">- ST304: Time Series and Forecasting- ST310: Machine Learning- Undergraduate Statistics Practitioner's Challenge- MSc Dissertations Quantitative Methods Advisor |

INDUSTRY EXPERIENCE

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| 2019 | Data Science Intern
<i>Competition and Markets Authority</i> |
| 2018 | Summer Research Scholar
<i>York Cross-disciplinary Centre for Systems Analysis</i> |
| 2018 | Economics Intern
<i>Competition and Markets Authority</i> |
| 2017 | Policy Research Intern
<i>Center for the Study of Democracy</i> |
| 2016 | Statistical Research Intern
<i>Institute for Integrated Development Studies</i> |

SCHOLARSHIPS & AWARDS

ACADEMIC AWARDS

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| 2023 | Postgraduate Travel Award
<i>London School of Economics</i> |
| 2022 | Travel Award, International Conference on Robust Statistics
<i>University of Waterloo</i> |
| 2018 | ESRC Studentship, MSc & PhD (1+3) pathway
<i>London School of Economics</i> |
| 2016 | Achieving Excellence Bursary
<i>University of York</i> |

2017 **National Scholarship Program at York**
University of York

TEACHING AWARDS

2023 **Class Teacher Award**
London School of Economics
‘Highly Commended’ for teaching in ST304 seminars.

2021 **Class Teacher Award**
London School of Economics
‘Highly Commended’ for teaching in ST304 seminars.

ADDITIONAL INFORMATION

JOURNAL REVIEWS

Computational Statistics and Data Analysis, Journal of Business and Economic Statistics, IEE
Transactions on Information Theory

TECHNICAL SKILL

Programming languages: R, Python, C++

Markup languages: L^AT_EX, HTML + CSS

Human languages: English (native), Italian (native), French (conversational)

EXTRA CURRICULARS

I help organize a lively discussion group for PhD students in the Statistics department at the London School of Economics; see [here](#). I am also an active member of Mwangaza, the Black PhD student network at my university; see [here](#).