

Maria Fernanda Pintado Serrano

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EMPLOYMENT

Assistant Professor in tenure track, Dept. of Quantitative Methods, CUNEF (2025 – Present)

Graduate Teaching Assistant, King's College London (2021 – 2024)

Teaching Associate, Queen Mary University of London (2022 – 2024)

Consulting Analyst, TIS Consulting Group (2020 – 2021)

EDUCATION

PhD in Mathematics, Queen Mary University of London (2021 – 2025)

BSc in Mathematics, University of Sonora (2016 – 2020)

FIELDS OF INTEREST

Bayesian statistics, statistical methodology.

PUBLICATIONS

Pintado, M.F., Iacopini, M., Rossini, L. and Shestopaloff, A.Y. "Uncertainty Quantification in Bayesian Reduced-Rank Sparse Regressions," *Statistics and Computing*, 35(4):110, 2025.

Pintado, M.F., Iacopini, M., Rossini, L. and Shestopaloff, A.Y. "Bayesian Partial Reduced-Rank Regression," *Journal of Computational and Graphical Statistics*, 1–12, 2025.

WORKING PAPERS

Pintado, M.F., Iacopini, M., Rossini, L. and Shestopaloff, A.Y. "Bayesian Markov-Switching Partial Reduced-Rank Regression," (202X).

SELECTED ACADEMIC HONOURS AND GRANTS

Best Long Talk Award – Bayesian Young Statisticians Meeting BAYSM (2023) (300 USD)

Faculty Award for Equality, Diversity and Inclusion – Faculty of Science and Engineering, Queen Mary University of London (2023)

ISBA Junior Travel Award – International Society for Bayesian Analysis (2024) (390 USD)

Scholarship for Doctoral Studies Abroad – CONAHCyT, Mexico (2021-2025) (32,130 GBP stipend + 900,000 MXN tuition)

SELECTED PRESENTATIONS

CONFERENCES

Bayesian Young Statisticians Meeting (Apr 2025, Jun 2024, Nov 2023), RSS 2024 - Royal Statistical Society International Conference (Sep 2024), 2024 ISBA World Meeting - International Society for Bayesian Analysis (Jul 2024), 13th ESOBE - European Seminar on Bayesian Econometrics. Glasgow, United Kingdom (Sep 2023), ICEEE 2023 - 10th Italian Congress of Econometrics and Empirical Economics (May 2023).

SEMINARS

CUNEF Universidad (Dec 2024), UCL Statistical Science Seminar (Nov 2024), Queen Mary Internal Postgraduate Seminar QMUL (Nov 2024, 2023, 2022), Bag-Lunch Education Seminar QMUL (Oct 2024, 2023, 2022), CAISE Workshop on Scholarship of Inclusivity in Science and Engineering QMUL (Jan 2024), Undergraduate Research Seminar QMUL (Nov 2023, Feb 2024), EDI Lunch Talk KCL (Oct 2023).

PROFESSIONAL ACTIVITIES

Journal reviewer: Statistical Analysis and Data Mining, Statistical Methods in Medical Research.

Seminar and event organizer: Statistics and Data Science Group Discussion QMUL (AY 2024/25), A Mathematician Like Me Taster Day QMUL (Nov 2024), Girls in Maths Taster Day QMUL (Mar 2024).

Representation: Postgraduate Representative, School of Mathematical Sciences (SMS) QMUL (2022 – 2025); Equality, Diversity and Inclusion (EDI) Committee member, SMS

QMUL (2023 – 2025); Centre for Academic Inclusion in Science and Engineering (CAISE) member, QMUL (2023 – 2025).