Diego Martinez Taboada

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EDUCATION

PhD in Statistics & Data Science — Aug. 2022 – May 2026
Carnegie Mellon University — Pittsburgh, USA
Advisor: Aaditya Ramdas

MSc in Statistical Science — Oct. 2021 – Sep. 2022
University of Oxford — Oxford, UK
Grade: Distinction
Advisor: Dino Sejdinovic
Thesis: Uncertainty quantification for the multi-armed bandit and the off-policy evaluation problems

BSc in Mathematics — Sep. 2017 – June 2021
University of Santiago de Compostela — Santiago de Compostela, Spain
Grade: 9.89 / 10.00
Advisor: Wenceslao Gonzalez Manteiga
Thesis: A statistical inference overview of Gaussian distributions

EXPERIENCE

Teaching assistant — Aug. 2022 – May 2023
Carnegie Mellon University — Pittsburgh, USA
- Special Topics: Methods of Statistical Learning (*course 36-462*)
- Introduction to Probability Theory (*course 36-225*)

Machine Learning Research Intern — Sep. 2021
CiTIUS (Centro Singular de Investigación en Tecnoloxías Intelixentes) — Santiago de Compostela, Spain
- Application of machine learning techniques to predict the efficiency values of a Data Envelopment Analysis (DEA) model

HONORS AND AWARDS

'la Caixa' Foundation Fellowship — 2022
Full fellowship for conducting two years of the PhD in Statistics & Data Science at Carnegie Mellon University

Barrie Foundation Fellowship — 2021
Full fellowship for conducting the MSc in Statistical Science at the University of Oxford

University of Santiago de Compostela 'Extraordinary End of Studies Award' — 2021
Class rank 1 of the BSc in Mathematics at the University of Santiago de Compostela

Mathematical Olympiad Award — 2017
Regional (Galician) Mathematical Olympiad, Second Place

Physics Olympiad Awards — 2017
National Physics Olympiad, Honorable Mention; Regional (Galician) Physics Olympiad, Second Place

PUBLICATIONS & PREPRINTS

Diego Martinez Taboada, Edward H. Kennedy. Counterfactual Density Estimation using Kernel Stein Discrepancies. *Under Review.* 2024.

Diego Martinez Taboada, Aaditya Ramdas, Edward H. Kennedy. An Efficient Doubly-Robust Test for the Kernel Treatment Effect. *Neural Information Processing Systems.* 2023.

OTHER

Languages: Spanish (Native), Galician (Native), English (Proficient), French (Advanced), German (Basic)
Programming: Python, R, Fortran, C++

RESEARCH INTERESTS

Anything that relates to causal inference, kernel methods, optimal transport, foundations of machine learning, functional estimation, sequential testing, multi-armed bandits, reinforcement learning or functional data analysis (and many more!) will catch my eye!