



DIEGO MARTINEZ TABOADA

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EDUCATION

PhD in Statistics & Data Science

Carnegie Mellon University

Advisor: Aaditya Ramdas

Aug. 2022 – present

Pittsburgh, USA

MSc in Statistical Science

University of Oxford

Grade: Distinction

Advisor: Dino Sejdinovic

Thesis: Uncertainty quantification for the multi-armed bandit and the off-policy evaluation problems

Oct. 2021 – Sep. 2022

Oxford, UK

BSc in Mathematics

University of Santiago de Compostela

Grade: 9.89 / 10.00

Advisor: Wenceslao Gonzalez Manteiga

Thesis: A statistical inference overview of Gaussian distributions

Sep. 2017 – June 2021

Santiago de Compostela, Spain

EXPERIENCE

Teaching assistant

Carnegie Mellon University

- Special Topics: Methods of Statistical Learning (*course 36-462*)
- Introduction to Probability Theory (*course 36-225*)

Aug. 2022 – May 2023

Pittsburgh, USA

Machine Learning Research Intern

CITIUS (Centro Singular de Investigación en Tecnoloxías Intelixentes)

- Application of machine learning techniques to predict the efficiency values of a Data Envelopment Analysis (DEA) model

Sep. 2021

Santiago de Compostela, Spain

HONORS AND AWARDS

'la Caixa' Foundation Fellowship

Full fellowship for conducting two years of the PhD in Statistics & Data Science at Carnegie Mellon University

2022

Barrie Foundation Fellowship

Full fellowship for conducting the MSc in Statistical Science at the University of Oxford

2021

University of Santiago de Compostela 'Extraordinary End of Studies Award'

Class rank 1 of the BSc in Mathematics at the University of Santiago de Compostela

2021

Mathematical Olympiad Award

Regional (Galician) Mathematical Olympiad, Second Place

2017

Physics Olympiad Awards

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

2017

PUBLICATIONS & PREPRINTS

Diego Martinez-Taboada, Edward H. Kennedy. Counterfactual Density Estimation using Kernel Stein Discrepancies. *International Conference on Learning Representations (ICLR)*. 2024.

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