Adrian Matthew G. Glova

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Areas of Interest

Time Series Analysis
Mixed-Frequency Modelling, Econometric Forecasting

Machine Learning
Statistical Learning Theory, ML in Econometrics

Causal Inference
Impact Evaluation of Socio-Economic Programs

Education

London School of Economics, Department of Statistics — 2024 - 2025 (expected)
MSc Statistics (Research)

- Advisor: Prof. Yining Chen, PhD
- Dissertation: Random Forests and its Variants

University of the Philippines, School of Statistics — 2018 - 2022
MSc Statistics

- Advisor: Prof. Erniel Barrios, PhD
- Thesis: Mixed-Frequency Time Series with Structural Change
- GWA: 1.25/1.00

University of the Philippines, School of Economics — 2012 - 2016
BSc Economics

- GWA: 1.26/1.00

Employment

University of the Philippines, School of Statistics — 2022 - Present
Assistant Professor

- Taught undergraduate and graduate courses in Statistics
- Taught undergraduate courses in Econometrics

University of the Philippines, School of Statistics — 2021 - 2022
Instructor

- Taught undergraduate courses in Statistics

Bangko Sentral ng Pilipinas, CPID — 2021
Executive Assistant

- Provided technical inputs on currency policy and forecasting
- Developed an alternative time series model to forecast currency-in-circulation

Department of Budget and Management, OSEC — 2016 - 2019
Executive Assistant

- Provided economic and fiscal analyses for the Secretary
- Crafted speeches, briefers, and written publications for the Secretary

OTHER POSITIONS	**Blackfox Analytics**	2022 - Present

Managing Partner
- Data consulting company providing multi-perspective and client-centric solutions
- We integrate people, process, data, and technology to transform organizations
- We provide market research and economic consulting services as needed

National Economic and Development Authority — 2023 - Present

Consultant
- Provided advice in predicting agricultural prices in the Philippines
- Conducted workshops in econometric modelling for OSEC staff

Ateneo School of Government — 2020 - 2022

Research Assistant
- Provided research assistance for the Business & Government portfolio
- Provided research assistance for the EU-funded ASEP-CELLs project

PUBLICATIONS

1. **Adrian Glova**, Roy Hernandez. Forecasting Currency in Circulation with the Central Bank Balance Sheet. *Forthcoming*, 2024.

2. **Adrian Glova**, Erniel Barrios. Modelling Mixed-Frequency Time Series with Structural Change. *Computational Economics*, 2024.

3. Laarni Escresa, **Adrian Glova**. Politico-economic Determinants of the Performance of Electric Cooperatives in the Philippines. *Utilities Policy*, 2024.

WORKING PAPERS

1. **Adrian Glova**, Roy Hernandez. Balance Sheet Approach to Forecasting Currency in Circulation. *BSP Working Paper Series*, 2022.

2. Laarni Escresa, **Adrian Glova**. Drivers of Electric Cooperatives' Performance in the Philippines: A Principal Component Analysis and K-Means Clustering Approach. *Ateneo School of Government Working Paper Series*, 2021.

3. Laarni Escresa, **Adrian Glova**. Politico Economic Determinants of Electric Cooperatives' Performance in the Philippines. *Ateneo School of Government Working Paper Series*, 2020.

CONFERENCES AND PRESEN- TATIONS

1. **Adrian Glova**, Erniel Barrios. Mixed-Frequency Time Series with Structural Change. *12th Conference of the IASC-ARS*, 2023. Macquarie University. Sydney, Australia.

2. **Adrian Glova**, Erniel Barrios. Mixed-Frequency Time Series with Structural Change. *15th National Convention on Statistics*, 2022. Crowne Plaza Manila. Manila, Philippines.

3. **Adrian Glova**, Roy Hernandez. Balance Sheet Approach to Forecasting Currency in Circulation. *BSP Research Experts Panel Presentation*, 2021. Online Webinar.

4. Laarni Escresa, **Adrian Glova**. Drivers of Electric Cooperatives' Performance in the Philippines: A Principal Component Analysis and K-Means Clustering Approach. *ASEP-CELLs Energy Policy Series*, 2021. Webinar.

5. Laarni Escresa, **Adrian Glova**. Politico Economic Determinants of Electric Cooperatives' Performance in the Philippines. *ASEP-CELLs Energy Policy Series*, 2021. Webinar.

NON- ACADEMIC WORK

1. **Adrian Glova**. Basketball and Beyond *Inquirer Young Blood*, 2020.

2. **Adrian Glova**. Who Should be the Next Budget Secretary? *Rappler*, 2019.

Awards and Honors

- **Chevening Scholarship**, Foreign, Commonwealth & Development Office — 2024
- **ASTHRDP Scholarship**, Department of Science & Technology — 2019 - 2020
- **Magna Cum Laude**, University of the Philippines - School of Economics — 2016

Trainings Delivered

- **Department of Budget and Management - BPSG**, Econometric Analysis in R — 2024
- **Department of Finance - OCE**, Econometric Analysis in R — 2024
- **UP School of Economics - PCED**, Introduction to R Programming — 2024
- **UP School of Statistics - UPSCRFI**, Applied Statistical Forecasting — 2024
- **NEDA - OSEC**, Introduction to R Programming — 2024
- **NEDA - Regional Office V**, Introduction to R Programming — 2024
- **NEDA - Regional Office III**, Introduction to Impact Evaluation — 2024
- **NEDA - Central Evaluation Unit**, Introduction to Impact Evaluation — 2024

Courses Taught

- **Undergraduate Courses**: Time Series Analysis, Econometrics, Impact Evaluation, Categorical Data Analysis, Introductory Statistics
- **Graduate Courses**: Time Series Analysis
- **Bridging Courses**: UPSE Bootcamp on Probability and Inference, UPSS Graduate Bridging Program on Statistics

Affiliations

- Philippine Economics Society
- UP School of Economics Alumni Association
- Philippine Statistical Association, Inc.
- UP School of Statistics Alumni Association