Diego Alonso Gómez

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COMPUTATION SKILLS

Stata and R-Studio: Panel Data, Cross-sectional Data and Impact Evaluation | Advanced
- a) Logit, Probit, Tobit and Heckman Models with Multinomial or Bivariate Dependant Variables. And with reference to "Impact Evaluation": Differences in Differences, Instrumental Variables, Synthetic Control Methods, Regression Discontinuity Design.

Eviews: Time Series Analysis
- Use and interpret the results of Stationary, Non-Stationary, and Non-stationary Multivariate Series. Also, ARIMA Models, VAR and SVAR, and ARCH & GARCH models, and Granger Causality Test with Impulse-Response Functions

Python: Data-Science and Maps
- a) Treatment of data, missing, outliers, dimensions and considerations before modeling; b) Assignment of variables, operators, vectors, matrices, and arrays; c) Exploratory data analysis with Tables, Graphs and Correlation Matrix; d) Re-sampling and bootstrapping; e) Regression and classification trees; f) Monte Carlo Simulation of Markov Chains; etc.

Latex / Overleaf
- I have experience with the elaboration of essays, academic reports, bibliography and academic presentations with LaTeX.

MS Office Professional: Word, Power Point, OneNote, Excel
- Elaboration of Text Files, Presentations, financial tables, data-sets and implement web-scrapping techniques by the use of Microsoft Visual Basic for Applications.

EXPERIENCE

Research Assistant   **July 2021**
Viceministerio de Comercio Exterior   Lima, Peru
- I participated in the "Study on the Transparency of Notifications on Technical Barriers to Trade of the World Trade Organization in the APEC region", for which I had to quickly systematize the information described in documents related to notifications on technical obstacles of some East Asian countries which where sent to the WTO, and then produce a quick report in Tex format that meets the content required by the ministry to be later attached in the annexes of the final document.

EDUCATION

Pontifícia Universidad Católica del Perú   **Graduation: December 2022**
Economics,4th year   Lima, Peru
- **Average Grade:** 16.70/20
- **Order of Merit in Economics:** 58 of 667 **Order of Merit in the Faculty of Social Sciences:** 114 of 1243

Idiomas Católica   **June 2019 — February 2020**
English, Advanced   Lima, Peru

Idiomas Católica   **March 2021 — May 2021**
Portugues, Basic   Lima, Peru

COURSES AND SEMINARS

Training Course in Applied Econometrics,QLAB, Pontifical Catholic University of Peru   **November 2020 — February 2021**
GPA:18/20

Financial Excel, CEPS-UNI, National University of Engineering   **February 2021 — March 2021**
GPA:15/20

Mathematical and Computational Economics Topics with Python, Luis Chía, PUCP   **March 2021 — July 2021**
Order of Merit: 1° Place // GPA: 18/20

Monetary theory, Paul Castillo Bardález Pontifical Catholic University of Peru   **August 2020 — December 2020**
Order of Merit: 1° Place // GPA: 18/20

International Finances, Alonso Segura Vasi Pontifical Catholic University of Peru   **March 2021 — July 2021**
Order of Merit: 1° Place // GPA: 18/20

Inferential Statistics, Luis Valdivieso Pontifical Catholic University of Peru   **March 2020 — July 2020**
Order of Merit: 1° Place // GPA: 17/20