

Yava Vilar Valera

Nantes, France

vilarvaleray@gmail.com

GitHub Website

EDUCATION

MSc in Econometrics and Statistics, University of Nantes 2023 – 2025

- *First year (M1)*: Ranked among the top 3 of the cohort.

BSc in Economics, University of Valencia & University of Nantes (Double Degree) 2020 – 2024

- Graduated among the top 10% of the cohort.
- *University of Valencia*: Member of the High Achievement (ARA) group, taught in English.
- *University of Nantes*: Completed L3 Economic Analysis and M1 Econometrics and Statistics.

RESEARCH EXPERIENCE

Research Assistant, LEMNA Research Institute *scheduled from March 2025 – July 2025*
Supervised by Bastien Michel

- *Project*: Assist in various research projects focused on the evaluation of preschool programs and education in Côte d'Ivoire, Morocco, and other low- and middle-income countries. These projects are based on data from Randomized Controlled Trials (RCTs).
- *Tasks*: Data analysis, econometric modeling, report writing; **Software**: R and Stata.

Research Assistant *February 2025 – to be defined*
Supervised by Marion Goussé and Hélène Le Forner

- *Project*: Evaluation of the impact of a perinatal monitoring system in Nantes, provided by the CAF and local associations, on the well-being of vulnerable mothers and their children's development.
- *Tasks*: Coordinating fieldwork, assisting in identifying households for intervention, and collaborating with technicians involved in household visits.

Internship in Applied Economics, LEMNA Research Institute *April 2024 – July 2024*
Supervised by Camille Aït-Youcef

- *Project*: Assessment of the impact of regulations and institutions on the functioning of raw materials markets, based on historical data from American stock exchanges dating back to the late 19th century.
- *Tasks*: Data entry, cleaning, and analysis; conducting literature reviews; econometric modeling.
- *Methods and Tools*: Synthetic difference-in-differences, synthetic controls; **Software**: R.

ACADEMIC PROJECTS

Master's Thesis: Impact of the Nepal 2015 Gorkha Earthquake on Children's Health *June 2024*
Supervised by Bastien Michel

- *Description*: Evaluated the impact of the 2015 Gorkha Earthquake in Nepal on cough prevalence among children under five. The methodology employed Difference-in-Differences, comparing regions affected by the earthquake to unaffected areas of the country before and after the earthquake. Data was sourced from Demographic and Health Surveys.
- *Results*: Cough prevalence among children under five increased in the aftermath of the earthquake within an 80-kilometer radius of the epicenter.
- *Software*: R, Stata

Bachelor's Thesis: Civil Wars and Natural Resources in Sub-Saharan Africa *June 2023*
Supervised by Lionel Richefort

- *Description*: Explored the relationship between natural resource abundance, climate events—specifically drought periods—and the occurrence of civil wars in Sub-Saharan Africa. The project involved synthesizing two key papers: one by M. Couttenier and R. Soubeyran, which empirically modeled this relationship using panel data, and another by P. Hugon, which theoretically examined the link between these factors

PERSONAL INITIATIVES

Tutor for the Reception of International Students

2021 – 2022 and 2024 – 2025

- Provided support to international students in their adaptation process to the university during the academic years 2021-2022 and 2024-2025.

International Ambassador

March 2024

- Presented Spanish culture to secondary school students in the village of Ligné, France, over the course of two days in an interactive way, with the aim of encouraging their openness to the international world.

SCHOLARSHIPS AND AWARDS

- **International Double Degree Scholarship (2023-2024):** Bank of Santander (Spain)
- **Complementary Merit-based Erasmus Scholarship (2022-2023):** Generalitat Valenciana (Spain)
- **Erasmus Scholarship (2022-2023):** European Union and University of Valencia (Spain)
- **Undergraduate Scholarship (2020-2024):** Ministry of Education (Spain)

MISCELLANEOUS

- **Key skills:** , Public Policy Evaluation, Machine Learning (Penalized Regressions, Random Forest...), Time Series, Panel Data, Spatial Econometrics & Cartography, Linear Econometrics
- **Soft skills:** Adaptability, Creativity, Critical Thinking, Teamwork, Writing
- **Technical skills:** R, Stata, LaTeX, Python, SAS, Power Bi, qGIS
- **Languages:** Spanish (Native), French (Fluent), English (C1 Cambridge Exams; Writing and Use of English graded as C2), Catalan (Advanced), Italian (Basic)
- **Other experience:** Lived in Belgium and attended Collège Notre-Dame de Basse-Wavre (2014-2017)