ONIL BOUSSIM

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State College, Pennsylvania, United States

RESEARCH PROFILE

Econometrics theory: Causal Inference, Sample Selection, and Nonparametric Identification.
Applied econometrics: Education, Health, Energy, and Development.

EDUCATION

- **Penn State University**, University Park, PA   2020 – 2026
  PhD, Economics

- **ENSEA**, Abidjan, Côte d'Ivoire   2016 – 2019
  M.Sc., Statistics and Applied Economics,
  Ranked first in graduating cohort

- **INP-HB**, Yamoussoukro, Côte d'Ivoire   2014 – 2016
  Classes preparatoires, Mathematics and Economics
  Ranked first in graduating cohort

RESEARCH

- **Compositional Difference-in-Differences for categorical outcomes**   *Job market paper*

- **Correcting sample selection bias with categorical outcomes**   *Working paper*

- **Identifying treatment effects on categorical outcomes in IV models**   *Working paper*

- **Correcting Sample Selection Bias in PISA Rankings**   *Working paper*

TEACHING EXPERIENCE

- **Teaching Assistant**, Penn State University, University Park, USA   2020 – 2025
  - Assisted Econometrics (first year Ph.D., Spring 2025)
  - Assisted Econometrics (first year master, Fall 2023)
  - Assisted Development Economics (undergraduate, Fall 2021)

- **Teacher**, CNAM, Abidjan, Côte d'Ivoire   2019 – 2020
  - Taught a Master's-level Time Series Econometrics course with around 40 students.
  - Guided students in theoretical foundations and empirical implementation using R.

RESEARCH AND CONSULTING EXPERIENCE

- **Research Assistant**, Penn State University, University Park, USA   2021 – 2023
  - Supported proof development for Prof. Marc Henry.
  - Conducted data gathering and cleaning.

- **Consultant**, World Bank, Abidjan, Côte d'Ivoire   2019 – 2020
  - Contributed to the PEJEDEC youth employment program with Senior Economist Waly Wane.
  - Prepared reports used for project design and monitoring; worked with government counterparts.

Awards, and Honors

- Rosenberg Liberal Arts Centennial Scholarship, Penn State, 2023

- Ranked 2nd nationally in Scientific Track, High School National Examination, Côte d'Ivoire, 2015

- Merit Scholarship, ENSEA, 2016 - 2019

- Merit Scholarship, INP-HB, 2014 - 2016

Software skills

- Programming/Software: R, Stata, Matlab, Julia, Eviews, Python, LaTeX

- Microsoft Office: Word, Excel, PowerPoint, VBA

Languages

French: Native/Fully Proficient
English: Fully Proficient

Seminars and Conferences

- 2025: Penn State Econometrics Seminar, University Park, USA

- 2025: First Conference of RESA Alumni, Abidjan, Côte d'Ivoire

- 2024: Optimal Transport and Distributional Robustness, Banff, Alberta, Canada

- 2024: Africa Meeting of the Econometric Society (AFES), Abidjan, Côte d'Ivoire

Professional Service

Refereeing for Journal of Econometrics

References

- **Marc Henry** - Professor, Economics, Penn State University
  Email: marc.henry@psu.edu | Phone: +1 (814) 865-0010 (Thesis Advisor)

- **Andres Aradillas-Lopez** - Professor, Economics, Penn State University
  Email: maza12@psu.edu | Phone: +1 814 863-2157(Thesis committee)

- **Sung Jae Jun** - Professor, Economics, Penn State University
  Email: suj14@psu.edu | Phone: +1 814-865-6149(Thesis committee)

- **Waly Wane** - Senior Economist, World Bank
  Email: wwane@worldbank.org (Mentor)