ONIL BOUSSIM

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State College, Pennsylvania, United States

PROFILE

I'm a Ph.D. candidate at Pennsylvania State University. My research broadly focuses on theoretical and applied econometrics. My most current projects are related to causal inference and sample selection problems.

EDUCATION

- **PENNSYLVANIA STATE UNIVERSITY** — *08 2020- 08 2026*
  Ph.D. in Economics — State College, USA
  ◦ Focus in theoretical and applied econometrics

- **ENSEA ABIDJAN** — *09 2016- 07 2019*
  Master in statistics and applied economics — Abidjan, Cote d'Ivoire
  ◦ 3-year master's in a highly selective program | highest honors

- **INPHB** — *09 2014- 06 2016*
  Preparatory Classes — Yamoussoukro, Cote d'Ivoire
  ◦ Intensive two-year program with a focus on mathematics and economics | highest honors

PROFESSIONAL EXPERIENCE

- **PENNSYLVANIA STATE UNIVERSITY** — *09 2020 - 08 2026*
  Teaching Assistant / Research Assistant — State College, USA
  ◦ Teaching assistant for Econometrics (ECON 510), PhD Level, Spring 2025
  ◦ Teaching assistant for Econometrics (ECON 501), Master Level, Fall 2023
  ◦ Research assistant for Professor Marc Henry

- **WORLD BANK** — *12 2019 - 07 2020*
  Consultant — Abidjan, Cote d'Ivoire
  ◦ Analyst on the PEJEDEC 3 project.

HONORS AND AWARDS

- **Rosenberg Liberal Arts Centennial Scholarship** — *05 2023*
  Penn State University
- **Second in the national ranking for the scientific High school national exam.** — *03 2015*
  Ministry of National Education, Cote d'Ivoire

REFEREE WORK

[1] Journal of Econometrics

WORKING PAPERS

[1] Non-linear Difference-in-Differences for categorical distributions (Job Market Paper)

[2] Estimating treatment effects with sample selection

[4] Correcting selection bias in standardized scores comparisons

WORK IN PROGRESS

[1] Regression Discontinuity with categorical distributions

[2] Identification of health distributions and concentration curves with selective attrition (with Marc Henry and Ivan Sidorov)

[3] Multivariate distribution regression with sample selection

SKILLS

- **Programming/ softwares:** R, Matlab , Julia, Latex
- **Microsoft Office :** word, excel, powerpoint, vba

LANGUAGES

French : (Proficiency level), **English :** (Proficiency level)

SEMINAR AND CONFERENCES

2025 : First conference of RESA Alumni (Abidjan)
2024 : Optimal Transport and Distributional Robustness, Banff, Alberta
2024: Africa Meeting of the Econometric Society (AFES), Abidjan, Côte d'Ivoire, 2024

REFERENCES

1. **Marc Henry**
   Professor, Economics
   Pennsylvania State University
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   Relationship: [Thesis Advisor]

2. **Andres Aradillas-Lopez**
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   Pennsylvania State University
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3. **Sung Jae Jun**
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   Pennsylvania State University
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   Relationship: [Committee member]

4. **Waly Wane**
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   World Bank
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   Relationship: [Mentor]