Elysée Aristide Houndetoungan

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General Information

Current Position	Ph.D. Candidate in Economics at Université Laval, Quebec City, Canada
Fields	Econometrics, Social Networks and Applied Microeconomics
Affiliation	Centre de Recherche sur les Risques, les Enjeux économiques et les Poliques publiques (CRREP)
It Abilities	R, C++, SAS, sql, VBA, Python, Julia, Stata, Latex, Matlab, Linux
Languages	English (fluent), French (native)

Education

- Université Laval, Canada — 2016-2021 (Expected)

  Ph.D. Candidate in Economics

  Dissertation: "Three Essays in Applied Econometrics"

  Cumulative Score: 4.32/4.33

  Visiting Student (Université de Namur, Belgium): Mar-Apr 2019

  Advisor: Vincent Boucher; Co-advisor: Bernard Fortin

- National School of Statistics and Economic Analysis, Senegal — 2013-2016

  M.Sc (*Top of the class*) Applied Statistics and Economics

- University of Benin, Benin — 2010-2013

  B.Sc Applied Statistics

Published Papers

- Selective Linear Segmentation for Detecting Relevant Parameter Changes (with Arnaud Dufays and Alain Coen), 2020, *Accepted in* ***Journal of Financial Econometrics***.

Working Papers

- Count Data Model with Social Interactions, 2020, **Job Market Paper**.
- Estimating Peer Effects using Partial Network Data (with Vincent Boucher), 2020.

Work in Progress

- Networks in Repo Auction
- Hospital Length of Stays, Readmissions and Deaths: A Multiple Spell Survival Analysis, (*with Damien Echevin and Bernard Fortin*)

Fellowships and Awards

- World Bank Group Fellowship, Africa Region — 2020
- Scolarship of *Fonds de Recherche du Québec - Société et culture* — 2018-Now

- Tadek Matuszewski Fellowship, Department of Economics, Université Laval 2016-2017
- Doctoral Fellowship of excellence, Social Sciences Faculty, Université Laval 2016-2017
- Scholarship of excellence for B.Sc, Université d'Abomey Calavi, Benin 2010-2013

Work Experience

- Research Assistant, Université Laval, Economics Department, Canada Sep - Apr 2019
  - Implement Multiple States, Multiple Spells models in R
  - Supervisor: Bernard Fortin, Full Professor, Université Laval, Bernard.Fortin@ecn.ulaval.ca
- Research Assistant, Université Laval, Finance Department, Canada Sep-Dec 2019
  - Build an R package to replicate "Gungor, S., & Luger, R. (2019). Exact inference in long-horizon predictive quantile regressions with an application to stock returns. *Journal of Financial Econometrics*"
  - Supervisor: Richard Luger, Associate Professor, Université Laval, Richard.Luger@fsa.ulaval.ca
- Consultant, World Bank, Education Global Practice, Washington DC, USA Jan - Jun 2020
- Teaching assistant (Econometrics, Graduate students), Université Laval, Canada Sep-Dec 2017
- Internship, West Africa States Central Bank (BCEAO), Benin Jul-Oct 2015
- Internship, Directorate-General for Economic Affairs (DGAE), Benin Jun-Sep 2013

Invited Talks, Conferences, Workshops

- 2020: Applied young economists webinar at Monash University.
- 2019: 53rd Annual Conference of the Canadian Economics Association, R conference at Quebec, *59e congrès de la Société Canadienne de Sciences Économique* , CRED workshop in Belgium, 8th PhD Student Conference in International Macroeconomics and Financial Econometrics in France.
- 2017: 22nd Day-Conference for Statistical Analysis Software (SAS) Users in Quebec City.

Software

- CDatanet — An R package for estimating Network Models with Count Data
- PartialNetwork — An R package for estimating Peer Effects Using Partial Network Data (with Vincent Boucher)

Interests and Other Activities

- Technology and Programming
- Proven Member of Developer Club and ITPRO (www.developpez.com). I provided several macros for SAS users in statistics: SAS macro to estimate Spatial Autoregressive Model, SAS macro to impute missing data in the survey databases.

References

Vincent Boucher
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Bernard Fortin
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Université Namur
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Richard Luger
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