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Academic Appointments

Instructor, Temple University, Department of Economics, 2018-

Education

Ph.D. Candidate, Economics, Temple University, 2018- (*Expected:* May 2020)

Dissertation: "Treatment effects in bayesian and latent variable models"

Committee: [Brantly Callaway](#) (Chair), [Oleg Rytchkov](#), Charles Swanson

Ph.D. Student, Economics, Temple University, 2014-

B.A., Economics and French (First Class), University of Ghana, Legon, 2013

Research Interests

Microeconometrics and Empirical Industrial Organisation

Research Skills

Bayesian Econometrics, Machine Learning, Statistical programming

Working Papers

1. Recovering distributions for the estimation of treatment effects under partly unobserved treatment with repeated cross-sections [[SSRN](#)]
2. Bayesian Distribution Regression [[SSRN](#)], (with Weige Huang, submitted)

Work in Progress

1. Unobserved heterogeneity in two-part models (with Brantly Callaway)
2. Clustered covariate regression (with Abdul-Nasah Soale)
3. A semi-parametric estimator of time-varying endogenous SAR
4. Time-varying cross-sectional dependence in panel data models and social networks

Teaching

1. Temple University

Instructor, Principles of Macroeconomics, Fall 2018, Spring 2019

Teaching Assistant for Prof. Michael Bonnano, 2014-2016

Teaching Assistant for Prof. Michael Leeds, 2016-2017

Instructor, Principles of Microeconomics, Summer I, 2015, 2016 2018

Instructor, Intermediate Microeconomics, Summer I, 2018

2. University of Ghana, Legon

Teaching Assistant for Dr. Abel Fumey, 2013-2014

Software

R packages: bayesdistreg [[CRAN](#)] [[GitHub](#)] (with Weige Huang), bayesprdopt [[GitHub](#)]

C projects: metricsC [[GitHub](#)], RdotC [[GitHub](#)], **Fortran projects:** metricsFortran [[GitHub](#)]

Matlab, Stata, Octave, Python, L^AT_EX, Microsoft Office

Languages

Ewe (mother tongue), English (official language), French (fluent), Spanish (fluent), German (intermediate), Portuguese (intermediate), Twi

Honors and Fellowships

1. Research Fellowship, Department of Economics, Summer 2019
2. Research Fellowship, Department of Economics, Summer 2017
3. Best graduating student in French, University of Ghana, 2013

References

Prof. Brantly Callaway

(Dissertation Advisor)

Department of Economics, TU

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Prof. Oleg Rytchkov

(Dissertation Committee Member)

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Prof. Charles Swanson

(Dissertation Committee Member)

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Prof. Doug Webber

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