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Emmanuel Selorm Tsyawo

Department of Economics
Temple University
Ritter Annex 873
1301 Cecil B. Moore Ave
Philadelphia, PA 19122

estsyawo@temple.edu
<https://estsyawo.github.io>

Citizenship: Ghana

Graduate Coordinator:

Ms. Linda Wyatt,

+1 215 204 6638, ldwyatt@temple.edu

Academic Appointments

Adjunct Professor, 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. Clustered covariate regression [[SSRN](#)], (with Abdul-Nasah Soale, submitted)
2. Bayesian Distribution Regression [[SSRN](#)], (with Weige Huang, submitted)
3. R&D spillover effects on firm innovation - a spatial approach (Preliminary version available on request)
4. Recovering distributions for the estimation of treatment effects under partly unobserved treatment with repeated cross-sections [[SSRN](#)]

Work in Progress

1. Unobserved heterogeneity in two-part models (with Brantly Callaway)
2. Estimating SAR spatial matrix by Clustered Covariate Regression

Teaching

1. Temple University

Adjunct Professor, 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](#)] [[Website](#)] [[Github](#)] (with Weige Huang), cluscov [[CRAN](#)] [[Website](#)] [[Github](#)] (with Abdul-Nasah Soale), RpacSPD [[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 (fluent, official language of Ghana), French (fluent), Spanish (fluent), German (intermediate), Portuguese (intermediate), Twi, Latin (good reading level)

Honors and Fellowships

1. Research Fellowship, Department of Economics, Summer 2019

2. Research Fellowship, Department of Economics, Summer 2017

References

Prof. Brantly Callaway
(Dissertation Advisor)
Department of Economics, TU
Phone: +1 215 204 8881
E-mail: brantly.callaway@temple.edu

Prof. Oleg Rytchkov
(Dissertation Committee Member)
Department of Finance, TU
Phone: +1 215 204 4146
E-mail: rytchkov@temple.edu

Prof. Charles Swanson
(Dissertation Committee Member)
Department of Economics, TU
Phone: +1 215 204 8168
E-mail: swansonc@temple.edu

Prof. Doug Webber
Department of Economics, TU
Phone: +1 215 204 5025
E-mail: douglas.webber@temple.edu