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# Emmanuel Selorm Tsyawo

FGSES

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## Academic Appointments

Assistant Professor, Université Mohammed VI Polytechnique, FGSES, 2021-

## Education

Ph.D., Economics, Temple University, 2020

Dissertation: “Estimating R&D Interaction Structures and Spillover Effects”

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

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

Exchange Programme, Université d’Abomey-Calavi, Cotonou, Benin, 2011/2012

## Research Interests

Microeconometrics and Empirical Industrial Organisation

## Publications

1. [Neighbourhood Effects and the Incidence of Child Labour](#) (with Sylvanus Gaku, *Letters in Spatial and Resource Sciences*, 2021)

## Working Papers

1. [Feasible IV Regression without Excluded Instruments](#) - *To be presented at the Latin America Meeting of the Econometric Society, October 2021*
2. [A Distance Covariance-based Estimator](#), (with Abdul-Nasah Soale) - *Presented at the Africa Meeting of the Econometric Society, June 2021*

3. [Clustered Covariate Regression](#), (with Abdul-Nasah Soale) - *Presented at the Mid-West Econometrics Group Conference, October 2019*
4. [R&D spillover effects on firm innovation - Estimating the spatial matrix from panel data](#)
5. [Bayesian Distribution Regression](#), (with Weige Huang)

## Work in Progress

1. Policy spillover effects on student performance - Evidence from PISA (with Clara-Christina Gerstner)

## Conferences

June 2021: Presenter, The Africa Meeting of the Econometric Society, Abidjan, Côte d'Ivoire

October 2019: Presenter, Mid-West Econometrics Group Conference, Columbus, Ohio

## Teaching

1. Université Mohammed VI Polytechnique
  - Macroéconomie II (Spring 2021)
  - Econometrics I (PhD) (Fall 2021)
  - Mathematics and Optimisation for Economists (Fall 2021)
2. Temple University
  - Instructor, Principles of Macroeconomics, Fall 2018 & 2019, Spring 2019 & 2020
  - Instructor, Principles of Microeconomics, Summer I (2015 & 2016), Fall 2017
  - Instructor, Intermediate Microeconomics, Summer I, 2018
  - Teaching Assistant for [Prof. Michael Bognanno](#), Fall 2014 - Spring 2016
  - Teaching Assistant for [Prof. Michael Leeds](#), Fall 2016 - Spring 2017
3. 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 [[Website](#)] [[Github](#)]

**C projects:** metricsC [[Github](#)], RdotC [[Website](#)] [[Github](#)],

**Fortran projects:** metricsFortran [[Github](#)]

Matlab, Stata, Octave, Python, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office

## Languages

Ewe, English, French (fluent, DALF C2), Spanish (fluent, DELE B2), German (intermediate), Portuguese (intermediate), Twi

## Honors and Fellowships

1. Research Fellowship, Department of Economics, Temple University, Summer 2017 & Summer 2019