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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

Econometrics (primary) and Empirical Industrial Organisation (secondary)

Publications

1. [Feasible IV Regression without Excluded Instruments](#) (*The Econometrics Journal*, 2023)
2. [Policy Spillover Effects on Student Achievement – Evidence from PISA](#) (with Clara-Christina Gerstner, *Letters in Spatial and Resource Sciences*, 2022)
3. [Neighbourhood Effects and the Incidence of Child Labour](#) (with Sylvanus Gaku, *Letters in Spatial and Resource Sciences*, 2021)

Working Papers

1. [Treatment Effects in Staggered Adoption Designs with Non-Parallel Trends](#), (with Brantly Callaway)
2. [Clustered Covariate Regression](#), (with Abdul-Nasah Soale) - *Presented at CFE-CMStatistics 2022 and MEG October 2019*
3. [A Consistent ICM-based \$\chi^2\$ Specification Test](#), (with Feiyu Jiang) - *Presented at AFES 2023*
4. [A Distance Covariance-based Estimator](#), (with Abdul-Nasah Soale) - *AMES June 2022, EWMES December 2021, AFES June 2021, & MEG 2023*
5. [R&D spillover effects on firm innovation - Estimating the spatial matrix from panel data](#)
6. [Bayesian Distribution Regression](#), (with Weige Huang)

Work in Progress

1. ICM-IV Regression with panel and clustered data (with Feiyu Jiang)
2. Difference-in-differences with as few as two cross-sectional units – A new perspective to the democracy-growth debate (with Gilles Koumou)
3. Quantile Treatment Effects on the Treated with possibly non-continuous Outcomes (with Nelly K. Djuazon)
4. Regression-Based Inference for Skewness and Kurtosis Coefficients (with Jean-Marie Dufour and Abderrahim Taamouti)
5. Credit constraints and agricultural performance: Evidence from Nigeria (with Mahmoudou Alioum and Al-Mouksit Akim)

(Scheduled) Conference Presentations

May/June 2024: 58th Annual Meeting of the Canadian Economics Association (CEA), Toronto, Canada

June 2024: Africa Meeting of the Econometric Society (AFES), Abidjan, Côte d'Ivoire

June 2024: North American Summer Meeting of the Econometric Society (NASMES), Nashville, Tennessee

July 2024: The 29th International Panel Data Conference (IPDC), Orléans, France

August 2024: Bernoulli-IMS 11th World Congress in Probability and Statistics, Bochum, Germany

August, 2024: European Summer Meeting of the Econometric Society, Rotterdam, Netherlands

October 2023: Mid-West Econometrics Group Conference (MEG), Cleveland, Ohio

June 2023: Africa Meeting of the Econometric Society (AFES), Nairobi, Kenya

December 2022: CFE-CMStatistics 2022, London (virtual)

June 2022: Asia Meeting of the Econometric Society (AMES), Shenzhen, China (virtual)

June 2022: North America Summer Meeting of the Econometric Society (NAMES), Miami, USA

June 2022: Africa Meeting of the Econometric Society (AFES), Addis Ababa, Ethiopia (virtual)

December 2021: European Winter Meeting of the Econometric Society (EWMES), Barcelona, Spain (virtual)

October 2021: Meeting of the Latin American and Caribbean Economic Association (LACEA) and the Latin American Meeting of the Econometric Society (LAMES), Bogotá, Colombia (virtual)

June 2021: The Africa Meeting of the Econometric Society (AFES), Abidjan, Côte d'Ivoire (virtual)

October 2019: Mid-West Econometrics Group Conference (MEG), Columbus, Ohio

Teaching

1. Université Mohammed VI Polytechnique

Macroéconomie II (Spring 2021, 2022, 2023)

Econometrics I (PhD) (Fall 2021, 2022)

Econometrics I (Undergrad) (Fall 2022)

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: `estrpac` [[Github](#)], `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^AT_EX, Microsoft Office

Honors and Fellowships

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

Professional Activities

Referee: American Journal of Agricultural Economics, Bulletin of Economic Research, Econometric Theory, Journal of Applied Statistics, Journal of Business & Economic Statistics, Journal of Econometrics ($\times 2$), Journal of the American Statistical Association, Journal of the Royal Statistical Society - Series A, World Development