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Education

- 2014-2018 **Ph.D.** Applied Econometrics, Université catholique de Louvain, Belgium
Dissertation title: *Essays on empirical financial spillovers*
Committee: Zhengyuan Gao, Jean-Yves Gnabo, Galina Hale, James P. LeSage,
Nicolas Debarsy, Sophie Bereau, Per Agrell
- 2011-2013 **M.Sc.** Econometrics and Applied Statistics, University of Orleans, France
Magna Cum Laude
- 2006-2009 **B.Sc.** Statistics, University of Abomey Calavi, Benin
Summa Cum Laude - First Class Honours
- 2006 **High School Diploma (Baccalaureat)**, Benin
Mathematics and Physics

Visiting positions

- Spring 2018 **Visiting Student Researcher**, University of California-Berkeley
Summer 2017 **PhD trainee**, Economic and Research department, National Bank of Belgium

Research

Areas of interest

Applied econometrics - Spatial econometrics - International finance - Financial networks

Publications

“Measuring sovereign risk spillovers and assessing the role of transmission channels: A spatial econometrics approach,” (with N. Debarsy, C. Ertur, J.-Y. Gnabo), **Journal of Economic Dynamics and Control** 87 (Feb 2018) pp. 21-45.

Job market paper

“Sovereign risk spillovers through (endogenous) cross-border financial linkages”

Recent turmoil in advanced sovereign debt market raised awareness about the vulnerabilities of sovereigns vis-à-vis the financial system. This paper analyzes the role of cross-border financial

linkages for the transmission of sovereign risk across advanced economies. Such an analysis implies taking into the potential endogeneity issue that could lead to biased estimates. To that end, I use an instrumental variable approach which combines two existing frameworks, namely the spatial econometric and capital flow modeling. Considering a sample of 15 OECD countries from 2006 to 2014, the results show that, contemporaneously, banks' lending activities between countries have a significant effect on domestic sovereign risk. The simulations indicate that an idiosyncratic shock in Portugal, Ireland, Italy, Greece, and Spain has a significant indirect impact on core European countries. The most affected are Germany and France whereas the main risk transmitters are Spain, Italy, and Ireland to a lesser extent.

Working papers

“Contagion in large US banking institutions: A robust analysis,” (with S. Béreau, N. Debarsy and J.-Y. Gnabo)

“How did the Japanese Employment System Change? Investigating the Heterogeneity Downsizing Practices across Firms,” (with S. Lechevalier, C. Hurlin, and S. Takaoka), KIER Discussion Paper 883 (2014)

Research in progress

On modelling interconnectedness in the syndicated loan market (with Bryan Graham)
Revisiting determinants of euro area banks CDS: the role of interconnectedness

Referee activities

Empirical Economics

Conference and seminars

- 2018 → 43rd Simposio Spanish Economic Association, Madrid
12th International workshop of Method in International Finance Network, Louvain-la-Neuve
67th International Congress of the French Economic Association, Paris
17th International Workshop on Spatial Econometrics and Statistics, Dijon
Berkeley Econometric reading group, University of California, Berkeley
- 2017 6th PhD Student Conference in International Macroeconomics and Financial Econometrics, Paris
Doctoral forum in management, Mons
- 2016 15th workshop on econometrics, Paris
10th World Conference of the Spatial Econometrics Association, Rome
15th International workshop on spatial Econometrics and Statistics, Orleans
CORE Brown bag seminar, Louvain-la-Neuve
- 2015 26th (EC)² Conference: Theory and Practice of Spatial Econometrics, Edinburgh
Doctoral seminar in Economics, Orleans
Doctoral Workshop in Economics, Namur

