

## Research Interests

- Behavioral and Experimental Economics
- Economics of Risk, Uncertainty, and Beliefs
- Behavioral Finance
- Applied Econometrics
- Health Economics
- Poverty and Inequality

## Current position

- Sep. 2023 - **Temporary Lecturer and researcher (ATER)**, *Ecole Normale Supérieure Paris-Saclay*  
Now ○ Bootcamp in Stata, R, and Latex (graduate) — Decision Theory and Game theory (graduate) — International Trade (graduate) — Macroeconomics (undergraduate) — Advanced Econometrics (graduate)

## Education

- 2019-2023 **PhD in Economics**, *Université Lumière Lyon 2 & GATE LSE - France*  
○ **Title of thesis:** Cumulative Prospect Theory for Risk and Uncertainty: New Measurement Methods and Applications  
○ **Supervisors:** Brice Corgnet — Adam Zylbersztein  
○ **Jury:** Mohammed Abdellaoui — Dorothea Kübler — Olivier L'Haridon — Béatrice Rey-Fournier
- 2018-2019 **M2 (Msc) in Economics and Finance**, *Université Lumière Lyon 2 - France*  
○ Master's thesis: Parameter-free and semi-parametric methods to elicit probability or event weights in cumulative prospect theory  
○ **Rank:** 1st
- 2015-2016 **M2 (Msc) in Quantitative and Economic Analysis**, *Université Gaston Berger (UGB) - Senegal*  
○ **Rank:** 1st
- 2013–2014 **L3 (Bachelor) in Applied Economic**, *Université Gaston Berger (UGB) - Senegal*  
○ **Rank:** 1st

## IT skills and Languages

- Statistics Stata, R, Python, SAS, Matlab, Power BI  
Writing Microsoft Office (Word, Excel, PowerPoint), Latex  
Languages English (Excellent), French (Excellent)

## Professional experience

- Sep. 2022 - **Lecturer and researcher**, *École normale supérieure de Lyon (among top universities in France in economics)*  
Aug. 2023 ○ Advanced Econometrics: data analysis and modeling (graduate)  
○ Advanced Statistics (undergraduate)  
○ International Macroeconomics (undergraduate)
- Jan. 2023 - **The World Bank**, *Health, Nutrition and Population Global Practice*  
June 2023 ○ Consultant: Africa fellowship Program - **I was one of 36 individuals who were selected out of over 3200 applicants**  
○ Country office: Guinea (Conakry)  
- **Analytical work:** research on poverty, inequality, health financial risks, and human capital  
- **Operations:** drafting of “aide-memoire” of implementation support missions of projects, evaluation of ToRs, etc...  
- **Quality Control:** controlling the quality of documents (ToRs, reports, etc...)

- April. 2023 - **Lecturer**, *Université Catholique De L'Afrique De L'Ouest (UCAO) - Guinea (Conakry)*
- May. 2023 ○ Micro-economics of risk, uncertainty, and insurance (graduate)
- Nov. 2020 - **Teaching Assistant**, *Université Lumière Lyon 2 & Université Jean Moulin Lyon 3*
- June. 2022 ○ Data analysis, Modeling, and Econometrics (graduate) - Market and competition (undergraduate) - Macroeconomics (undergraduate)
- Aug. 2019 - **Consultant**, *Consortium pour la Recherche Economique et Sociale (CRES) - Senegal*
- Aug. 2020 ○ **Analytical work**
- Developing a technical tool to simulate the effects of alternative tobacco fiscal policies in ECOWAS countries
- Feb. 2017 - **Research Assistant**, *Consortium pour la Recherche Economique et Sociale (CRES) - Senegal*
- Aug. 2018 ○ **Analytical work and policy notes**
- Developing a macroeconomic tool to evaluate the costs of noncommunicable diseases in Senegal
  - Analysis of the tobacco control data of the World Health Organization (WHO) in order to evaluate the inefficiency of tobacco product taxation systems of ECOWAS countries with respect to the public health objective of reducing tobacco consumption
  - Data analysis and assessment of the levels of illicit trade of tobacco products in the ECOWAS countries
- **Operations**
- Workshop to disseminate results to ECOWAS authorities and international partners
  - Staff meeting report
- Nov 2016 - Jan 2017 **Research Assistant**, *Action Contre la Faim (ACF) and World Bank*
- Analytical work**
- Cleaning and arranging data in a good format that was used to compare two methods of targeting vulnerable households in Senegal
- **The World Bank related report** “Diagne M. F.(2017). Etude des synergies possibles entre les méthodologies de ciblage HEA et le Registre National Unique (RNU)”

## Distinctions, awards, and grants

- 2019-2022 **Ministry of Higher Education's full Research Grant to finance the best PhD projects in Economics in Lyon and Saint-Etienne**
- 2020-2021 **GATE-Lab funding program to finance the two best experimental designs of PhD students**
- 2018-2019 **IDEXLYON Scholarship to reward the best international students who wish to enter the social science masters programs of universities of Lyon and Saint-Etienne (France)**
- 2012-2016 **Scholarship from municipalities of Grand-Popo (Benin) & Saint-Louis (Senegal) to reward the fact that I had the highest grade in the municipality of Grand-Popo at the baccalaureate of Benin-2011**

## Publications

**KPEGLI.Y.T.**, Corgnet B., Zylbersztein A.(2019). All at Once! A Comprehensive and Tractable Semi-parametric Method to Elicit Prospect Theory Components. *Journal of Mathematical Economics* (Rank 1, CNRS)

- **My contribution:** modeling, data analysis, and the first draft of the study

MANE. P. Y. B., DIAGNE. A.,**KPEGLI.Y.T.**(2019). Modeling the Macroeconomic Effects of Noncommunicable Diseases: Extension and Application to Senegal. *Economics Bulletin*. Vol. 39 No. 4 pp. 2904-2912. (Rank 3, CNRS)

- **My contribution:** modeling, data analysis, and the first draft of the study

NDIAYE. A. A., KONTE. M. A., **KPEGLI. Y. T.**(2017). The Solow model augmented with the net capital inflows to-GDP-ratio. *Economics Bulletin*. Vol 37. No 3 pp. 2020-2029. (Rank 3, CNRS)

- **My contribution:** modeling, data analysis, and the first draft of the study

## Job Market Paper

**Against the Odds! The Tradeoff Between Risk and Incentives is Alive and Well!** (with Corgnet B., Hernán-González R. & Zylbersztein A.).

- **My contribution:** Modeling, data analysis, and the first draft of the paper
- **Abstract:** The risk-incentives tradeoff (RIT) is a fundamental result of principal-agent theory. Yet, empirical evidence has been elusive. This could be due to a lack of robustness of the theory outside of the standard expected utility framework (EUT) or to confounding factors in the empirical tests. We first study RIT under alternative theories: Rank-Dependent Utility (RDU) and Mean-Variance-Skewness (MVS). We show that RIT is remarkably robust under RDU, but not under MVS. Second, we use a novel experimental design that eliminates confounding factors and find evidence for RIT even in the case of risk-seeking agents, which is a distinct prediction of RDU. Our results provide support for the risk-incentives tradeoff and suggest that it applies to a broad range of situations including cases in which agents are risk-seeking (e.g., executive compensation).

## Working papers

### **Non-parametric Random Probability Weighting Method for Measuring Prospect Theory.**

- **My contribution:** single author paper

### **Measuring Beliefs and Ambiguity Attitudes for Discrete Sources of Uncertainty** (with Erazo D. M. A.).

- **My contribution:** Modeling, data analysis, and the first draft of the paper

### **Impact of out-of-pocket health payments on poverty and alignment of public and external health financing with this impact in Guinea** (with Porgo T. V. and Kouanda Z. K., **World Bank Working paper**).

- **My contribution:** data analysis and the first draft of the paper

## Works in progress

- Market asset pricing in the presence of positively skewed assets and probability weighting. (with Brice Corgnet and Jacopo Magnani)

## Policy notes

MANE. P. Y. A., DIAGNE. A., **KPEGLI.Y.T.**(2018). Effectiveness of tobacco product taxation systems in ECOWAS member countries: tax incidence approach. CRES Policy Note

- **My contribution:** data analysis and first draft of the study

MANE. P. Y. A., DIAGNE. A., **KPEGLI.Y.T.**(2018). Effectiveness of tobacco product taxation systems in ECOWAS member countries: tax frontier approach. CRES Policy Note

- **My contribution:** data analysis and first draft of the study

MANE. P. Y. A., DIAGNE. A., **KPEGLI.Y.T.**(2018). Illicit Trade in Tobacco Products in ECOWAS Countries. CRES Policy Note

- **My contribution:** data analysis and first draft of the study

## Conferences and Workshops

Nov. 15, 2023 **ESA Job Market Seminar**, hold online  
(forthcoming)

June 2023 **ESA World Meetings in Lyon**, University Lyon 2, France

May 26, 2023 **World Bank Group Africa Fellowship BBL Series**, Online, Washington

Sept. 2022 **European ESA conference**, Bologna, Italy

July 2022 **Risk, Uncertainty and Decision (RUD) conference**, *Paris School of Economics (PSE)*, Paris, France

- June 2022 **ESA World Meetings in Boston**, MIT Sloan, USA
- Aug. 2021 **Subjective Probability Utility and Decision making (SPDUM) conference**, *University of Warwick*, hold online
- July 2021 **Invitation for presenting**, Univ. Perpignan, lab. CEDED, France
- April 2021 **PhD student workshop**, *Doctoral School of Economics and Management of Lyon*, hold online, France
- Feb. 2020 **GATE internal seminar**

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## Supervision of master thesis

- May 2023 - **Master 2 in Economics**, *Université de Thies*, Senegal  
now
  - **Student**: Zéférino Agbahoungba
  - **Title**: Impact of climate change on the poverty of rural women: An application in Benin
- March 2021 - **Master 1 in Economics**, *Université Lumière Lyon 2*, France  
May 2021
  - **Student**: Abou Bakar Kader Dolle
  - **Title**: Commodity price variations and economic and social instabilities

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## Most recent volunteer activities

- 2017-2023 Peer reviewer for journals such as *Journal of Economic Theory*, *Economics Bulletin*, *Review of Development Economics*
- 2021-2022 Elected representative of PhD students, council of the GATE

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## References

### **Brice Corgnet (supervisor)**

- Position: Professor of Finance at EM-Lyon Business School, GATE, and University of Lyon (France)
- E-mail: corgnet@em-lyon.com

### **Adam Zylbersztein (co-supervisor)**

- Position: Professor at GATE and University of Lyon 2 (France)
- E-mail: zylbersztein@gate.cnrs.fr

### **Mohammed Abdellaoui (Jury member)**

- Position: Professor of Behavioral Economics at HEC Paris
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### **Roberto Hernan-Gonzalez (co-author)**

- Position: Professor at Burgundy School of Business (France)
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### **Mame Fatou Diagne**

- Position: Head of division at OECD (France) and Senior Economist at World Bank
- E-mail: mamefatou.diagne@oecd.org

### **Teegwende Valerie Porgo**

- Position: Health Specialist at The World Bank
- E-mail: tporgo@worldbank.org

November 10, 2023