

Claire Mouminoux

RESEARCH FELLOW IN INSURANCE ECONOMICS

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Education

PhD in Economics

Lyon, France

CLAUDE BERNARD UNIVERSITY LYON 1, ISFA GRADUATE SCHOOL OF ACTUARIAL STUDIES

February 2015 - October 2018

- Thesis title: Behavioral Biases and Strategies of Insurance Market Players.
- Supervisors: Stéphane Loisel and Christophe Dutang.
- Keywords: experimentation, customer behaviour, intermediation, distribution channel, honesty, obfuscation, game theory, market cycles.
- Defense committee: Pierre-André Chiappori, Mercè Claramunt, Sara Fisher Ellison, Meglena Jeleva, Jean-Louis Rullière, Arthur J.H.C. Schram.

Master's Degree in Economics of Markets and Organization

Toulouse, France

TSE — TOULOUSE SCHOOL OF ECONOMICS

September 2012 - September 2014

- Master essay title: The impact of the Internet on the French Retail Insurance Mass Market.
- Statistics and econometric modelling.
- Game theory and equilibrium analysis.
- Decision theory under information asymmetry.

Bachelor's Degree in Mathematics and Economics

Toulouse, France

TSE — TOULOUSE SCHOOL OF ECONOMICS

September 2009 - September 2012

- Major courses: Microeconomics, Macroeconomics, Mathematics and Statistics.

Professional Experience

SAF Laboratory — Prevent' Horizon Chair — Institut Louis Bachelier

Lyon, France

RESEARCH FELLOW

October 2018 - Present

- Research fellow in Behavioral Economics applied to insurance, health and prevention.

AGDF — AXA Global Direct France - Technical Department

Paris, France

ACTUARIAL ANALYST — PHD CANDIDATE

October 2014 - July 2018

- Calculation of customer long run business value including survival rate models, loss model projections, cost of capital under regulatory constraints and financial time-value.
- New business price optimization under customer value constraint (Lagrangian method): integration of market competition, dynamic price elasticity modelling and solvency constraints.
- Supervision of two-products offer: measure of cannibalization effects, advantageous selection of clients' risk profile, cross-prices elasticity and elaboration of best price strategy positioning for both products.
- Partnership profitability analysis: participation in the implementation of business partnership for insurance distribution.

AGPC — AXA Global P&C - Commercial Lines Department

Paris, France

MASTER'S DEGREE INTERNSHIP

April 2014 - October 2014

- Contribution to the deployment of car fleet prevention offers including management support and telematics offers.
- Development of Marine Insurance (Hull & Machinery) worldwide strategy of AXA Group leading to reinsurance and risk pooling recommendation.

Banque de France - Over-indebted Department

Toulouse, France

OVER-INDEBTED ANALYST - SEASONAL POSITION

2011 - 2012 - 2013

- Implementation of repayment plan and juridical follow-up.

Teaching Experience

Lecturer in Insurance Economics - Claude Bernard University Lyon 1, ISFA

Lyon, France

Graduate School of Actuarial Studies

MASTER 1 (GRADUATE PROGRAM) - STATISTICS AND ECONOMETRICS DIPLOMA (15H)

April 2019 - June 2019

- Expected Utility theory, Adverse Selection, Moral Hazard, Information Asymmetry, Price Optimization.

Teaching Assistant in Risk & Insurance Economics - Claude Bernard University Lyon 1, ISFA Graduate School of Actuarial Studies

Lyon, France

MASTER 1 (GRADUATE PROGRAM) - ACTUARY DIPLOMA (45H)

September 2015 - September 2017

- Game Theory, Information Asymmetry, Optimization.

Teaching Assistant in Decision and Game Theory - Lyon 2 Lumière University

Lyon, France

MASTER 2 (GRADUATE PROGRAM) - QUANTITATIVE ECONOMICS (20H)

September 2014 - September 2015

- Expected Utility theory, Adverse Selection, Moral Hazard, Nash Equilibrium, Bayesian Game.

Teaching Assistant in Mathematics - Toulouse 1 Capitole University

Toulouse, France

BACHELOR 1 & 2 (UNDERGRADUATE PROGRAM) - MATHEMATICS AND ECONOMICS (30H)

September 2013 - April 2014

- Linear Algebra, Optimization.

Skills

Programming R, SQL, SAS, VBA, Python, \LaTeX , Office Pack.

Languages French (Mother Tongue), English (Professional Level), Spanish (Intermediary).

Publications & Working Papers

Se couvrir contre le risque, entre obfuscation et honnêteté.

L'Actuariel Journal

CLAIRE MOUMINOUX AND JEAN-LOUIS RULLIÈRE

June 2019

- Professional review published by the French Actuary Institute

Honesty and Obfuscation: Experimental Evidence on Insurance Demand with Multiple Distribution Channels.

Submitted

CLAIRE MOUMINOUX, JEAN-LOUIS RULLIÈRE, STÉPHANE LOISEL

2019

- Analysis of obfuscation and honesty effects on efficiency of choices and study of determinants of purchasing decision-making in retail insurance including exogenous search costs.

Behavioral Insurance

Submitted

CLAIRE MOUMINOUX, JEAN-LOUIS RULLIÈRE

2019

- Literature survey and recommendations for insurance market.

Are we more honest than others think we are?

Working Paper

CLAIRE MOUMINOUX, JEAN-LOUIS RULLIÈRE

2019

- Study of distortion in beliefs about other honesty and observed honesty based on a laboratory experiment under different degrees of favorable conditions.

A game-theoretic analysis of insurers pricing strategies.

Working Paper

HANSJOERG ALBRECHER, CHRISTOPHE DUTANG, STÉPHANE LOISEL, CLAIRE MOUMINOUX

2019

- Insurer price competition modelling with a repeated one-period non-cooperative game where both insurer losses and consumer behaviour are stochastic.

Multiplicity of choices, response time and efficiency.

Working Paper

CLAIRE MOUMINOUX

2019

- Analysis of response time and efficiency of choices with experimental approach.

Licensing effect and fraud insurance.

Working Paper

CLAIRE MOUMINOUX, CAROLINE BAYART AND JEAN-LOUIS RULLIÈRE

2019

- An original experiment in order to identify potential licensing effects on insurance claims based on dynamic behavior of honesty.

Propitious selection: an experimental evidence.

Working Paper

MORGANE PLANTIER, CLAIRE MOUMINOUX AND JEAN-LOUIS RULLIÈRE

2019

- Analysis of the effects of adverse selection and moral hazard in individual insurance decision supporting the presence of advantageous selection.

Conferences & Workshops

2019 North-American ESA (Economic Science Association) Conference

Vancouver, Canada

VNCOUVER UNIVERSITY

July 2019

- "Licensing effect and insurance fraud"

94th WEA (Western Economic Association International) Conference

SABE (SOCIETY FOR THE ADVANCEMENT OF BEHAVIORAL ECONOMICS)

- "Licensing effect and insurance fraud"

San Francisco, USA

June 2018

93th WEA (Western Economic Association International) Conference

SABE (SOCIETY FOR THE ADVANCEMENT OF BEHAVIORAL ECONOMICS)

- "Are we more honest than others think we are?"

Vancouver, Canada

June 2018

2017 North-American ESA (Economic Science Association) Conference

VIRGINIA COMMONWEALTH UNIVERSITY

- "Are we more honest than others think we are?"

Richmond, USA

October 2017

8th International Conference of the French Association of Experimental Economics (ASFEE)

FACULTY OF ECONOMICS, UNIVERSITY OF RENNES 1

- "Honesty and Obfuscation: Experimental Evidence on Insurance Demand with Multiple Distribution Channels."

Rennes, France

June 2017

2016 CEAR/MRIC Behavioral Insurance Workshop

MUNICH RISK AND INSURANCE CENTER (MRIC)

- "Honesty and Obfuscation: Experimental Evidence on Insurance Demand with Multiple Distribution Channels."

Munich, Germany

December 2016

2016 North-American ESA (Economic Science Association) Conference

ARIZONA UNIVERSITY

- "Honesty and Obfuscation: Experimental Evidence on Insurance Demand with Multiple Distribution Channels."

Tucson, USA

November 2016

The 3rd EAJ (European Actuarial Journal) Conference

CLAUDE BERNARD UNIVERSITY LYON 1, ISFA GRADUATE SCHOOL OF ACTUARIAL STUDIES

- "Honesty and Obfuscation: Experimental Evidence on Insurance Demand with Multiple Distribution Channels."

Lyon, France

September 2016

Second Behavioral and Experimental Economics Workshop

ECOLE NORMALE SUPÉRIEURE CACHAN

- "Too Many Insurance Contract Menus: Trust, Biases and Intermediation"

Paris Saclay, France

May 2016

Reference Contact

Pierre-André Chiappori	Professor of Economics - Columbia University - pc2167@columbia.edu - (+1)212-854-6369
Sara Fisher Ellison	Professor of Economics - Massachusetts Institute of Technology - sellison@mit.edu - (+1)617-253-3821
Stéphane Loisel	Professor of Applied Mathematics - University Lyon 1 Claude Bernard - stephane.loisel@univ-lyon1.fr - (+33)684374269
Meglana Jeleva	Professor of Economics - Paris Nanterre University - meglana.jeleva@gmail.com - (+33)140974085
Jean-Louis Rullière	Professor of Economics - University Lyon 1 Claude Bernard - jean-louis.rulliere@univ-lyon1.fr - (+33)670436087