



UNIVERSITY OF BORDEAUX

## Jérémy Do Nascimento Miguel

Last Update: April 21, 2025

Contact Information	OFFICE H2-211, Bordeaux School of Economics, 16 avenue Leon Duguit, 33600 Pessac, France jeremy.dnmiguel@gmail.com   +33 627930387   Website		
Current position	University of Bordeaux — Post-doctoral researcher NOVA SBE - NOVAfrica — Visiting researcher		2025-2026 Spring 2025
Past exp.	IFPRI — Short-term consultant		2024
Doctoral Studies	Bordeaux School of Economics, Univ. Bordeaux PhD Economics, Fall 2024 DISSERTATION: “Grades and Standards For African Farmers” Thesis committee: Lauren Falcao Bergquist, Tessa Bold, Sylvie Lambert, and Quentin Stoeffler.  Fulbright Visiting Scholar, UC Berkeley, 2022-2023 Sponsors: Alain de Janvry and Elisabeth Sadoulet  Visiting Scholar, University of Georgia, Fall 2021 Sponsor: Nicholas Magnan  PRIMARY FIELDS: Development SECONDARY FIELDS: Agricultural Economics, Applied Econometrics		
References	<div>Professor Tanguy Bernard tanguy.bernard@u-bordeaux.fr Bordeaux School of Economics</div> <div>Doctor Gashaw T. Abate G.Abate@cgiar.org IFPRI - Markets, Trade, and Institutions Unit</div> <div>Professor Elisabeth Sadoulet esadoulet@berkeley.edu UC - Berkeley</div> <div>Professor Nicholas Magnan nick.magnan@colostate.edu Colorado State University</div>		
Prior Education	University of Bordeaux University of Bordeaux	M.Sc. Development Economics and Applied Statistics B.A. Economics and Law	2019 2017
Teaching	Univ. Bordeaux	Introduction to Stata (Graduate level), Lead Instructor Microeconomics (Undergraduate level), TA for Ion Lapteacru Economic issue in Africa (Graduate level), Lead Instructor with Eric Rougier Machine learning for policy evaluation (Graduate level), Lead Instructor Causal Inference I (Graduate level), TA for Tanguy Bernard IFPRI - Ethiopia Machine learning for policy evaluation, Lead Instructor	2024 2024 2023 2023 2021, 2022 & 2024 2023
Grants, Fellowships, and Awards	2025 2023 2022	IGC (£75,000); Fund for Innovation in Development (€1.5 million) IGC Pilot Grant (£40,000) Fulbright Fellowship (\$24,500)	

**“General equilibrium effects of social policy: evidence from the Ethiopian Productive Safety Net Program” (JOB MARKET PAPER).**

This article investigates the dynamic effects of cash and food transfers on local prices. Leveraging the progressive roll-out of the largest public work program in Africa, Ethiopia's Productive Safety Net Program, I estimate transfer effects on monthly market price between 2001 and 2015. Combining dataset on local prices, local agricultural production, and program implementation, I test whether effects vary between these transfers. While I find that cash transfers lead to a 5% price increase, price responses are negative and imprecisely estimated for food transfers. This result hides considerable heterogeneity. Cereal and legumes, the food items transferred, experience significant price reductions in location receiving in-kind transfers. These effects persist 7 years after the beginning of the program and are driven by districts where more than 40% of the population is covered and by more isolated districts. Lastly, cash transfers facilitate supply response through production increase, mitigating the price effects observed.

**“Buyers’ response to third-party quality certification: Theory and evidence from Ethiopian wheat traders.”** with G. T. Abate, T. Bernard, E. Bulte, and E. Sadoulet. *IFPRI DP 02258*. [\[Text\]](#). *[Submitted]*

Enhancing the access of smallholder farmers to profitable value chains can improve their incomes and overall well-being. This requires farmers to adopt new practices and technologies that raise productivity and improve product quality. We focus on the role of the intermediating sector, particularly on the role of traders' expectations regarding the quality of produce supplied by farmers, and analyze incentives for farmers to produce high-quality output. Our theoretical model demonstrates how quality expectations can be a self-fulfilling prophecy-perpetuating either bad equilibria (low quality, low prices) or opening up good ones (high quality, high prices)-and how an institutional innovation such as the introduction and promotion of certification services can set in motion a development trajectory from the bad to the good steady state. We conduct a lab-in-the-field experiment among wheat traders in Ethiopia to study how "demand" for high quality crops is mediated by expectations and certification. Our experimental results provide mixed support for theoretical predictions. While trader expectations regarding farmer supply matter for trader investments, we also find that traders fail to optimally respond to new opportunities created by certification.

**“Market Information and R & D Investment Under Ambiguity: A framed artefactual experiment with plant breeding professionals”** with B. Kramer and C. Trachtman. *IFPRI DP 02314*. [\[Text\]](#).

Investments in R & D are often made under ambiguity about the potential impacts of various projects. In the case of agricultural research-for-development, including plant breeding, high-quality, systematic market research is often not used to reduce that ambiguity. Using an online framed artefactual experiment with a sample of breeding experts from all over the world working in various disciplines, we ask how breeding experts prioritize investment between prospects with ambiguous returns under the provision of market information of varying quality, and how the quality and source of information affect willingness to pay for market information. We find that providing market information leads participants to make more prioritized (rather than diversified) decisions. However, participants do not consider differences in information quality, instead over-extrapolating from noisy and biased information signals. Finally, while most participants are willing to use experimental funds to purchase market information, around half prefer lower quality information even if higher quality information is available at the same price. We conclude that prioritizing R & D projects with greater impact opportunities will require better awareness among decision-makers of quality issues in various types of market research.

**“From Grain to Gain: Accelerating Technology Adoption Through Better Quality Measurement”** with G. T. Abate and T. Bernard.

Adoption of quality-enhancing technologies is often driven by farmers' expected returns, but these returns can be uncertain without proper grading systems. We conducted an experiment with 1,184 wheat farmers in Ethiopia to test the impact of a video-based training intervention on quality measurement and collective marketing. We first provide novel descriptive evidence that crop with different quality are differently used and document sources of quality dispersion. Our intervention can be the trigger point, yet insufficient, to reduce farmers' information asymmetry regarding unobservable quality and traders' weighing scale accuracy. This decline in information asymmetries translate through input adoption: treated farmers increase input intensity utilization by about 0.17 standard deviation. Our results suggest that further interventions could be beneficial for enhancing adoption of improved technologies and commercialization practices.

<b>Publications</b>	<p>“Competition on Agricultural Markets and Quality of Smallholder Supply”, with E. Bulte and B.P. Anissa. <i>Economic Development and Cultural Change</i>. 2024. <a href="#">[Text]</a></p> <p>“Returns to Quality in Rural Agricultural Markets: Evidence from Wheat Markets in Ethiopia.” <i>Journal of Development Economics</i>. 2024. <a href="#">[Text]</a>.</p>	
<b>Research in Progress</b>	<p>“Experimental design for encouraging the adoption of Aflasafe among small-scale farmers in Nigeria” with T. Bernard, Y. Liu, N. Kwarazuka, and T. Wossen. <a href="#">[SPIA presentation]</a>. <i>Data collection stage</i></p> <p>“Technology Adoption and the Commercialization of Staple Crops: Evidence from Ugandan Cassava Processing” with A. Ijala, M. Kato, and J. Silver. <a href="#">[IGC Report]</a>. <i>Pilot stage</i></p>	
<b>Talks</b>	2025 2024 2023 2022 2021 2019	CSAE (Oxford), Lisbon Micro Group, AutoMat Séminaire (IEDES, Paris 1), ICDE (Paris Nanterre)*, Welfare and Policy conference (BSE)* CSAE (Oxford), Doctorissimes (Paris School of Economics), BSE Development Seminar, AFSE (Univ. Bordeaux) PACDEV (Univ. Washington), UC Berkeley Dev. Lunch, GARESEC (UC Davis) ICDE (Paris School of Economics), IRES lunch (UC. Louvain) Journées Doctorales du Développement (Sorbonne Univ.), MIEDC (Univ. of Minnesota), ICDE (AFEDEV), BSE Ph.D. students’ seminar, UC Berkeley Development Lunch BSE Development Seminar, UGA Development Workshop, NEUDC (Boston University) BSE Ph.D. students’ Seminar
<b>Field Experiences</b>	Ethiopia, Kenya, and Uganda.	
<b>Refereeing</b>	<i>AJAE, European Review of Agricultural Economics, Food Policy, World Development</i>	
<b>Activities</b>	2022 2021 - 2022 2021	Student Representative: Bordeaux School of Economics Co-organizer: BSE Ph.D. students’ seminar Organization committee: International Conference in Development Economics <a href="#">[Link]</a>
<b>Technical competences</b>	Google Earth Engine, L <sup>A</sup> T <sub>E</sub> X, QGIS, R, Python, Stata, SurveyCTO	
<b>Languages</b>	French (Native), English (Fluent), Spanish (Advanced), Portuguese (Basic)	
<b>Citizenship</b>	French	