



UNIVERSITY OF BORDEAUX

## Jérémy Do Nascimento Miguel

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<b>Current position</b>	<b>University of Bordeaux</b> — Post-doctoral researcher <b>Addis Ababa University</b> — Visiting researcher		2025-2026 Since Fall 2025
<b>Past exp.</b>	<b>IFPRI</b> — Short-term consultant <b>NOVA SBE - NOVAfrica</b> — Visiting researcher		2024 Spring 2025
<b>Doctoral Studies</b>	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		
<b>References</b>	<div> <u>Professor Tanguy Bernard</u>  <a href="mailto:tanguy.bernard@u-bordeaux.fr">tanguy.bernard@u-bordeaux.fr</a>  Bordeaux School of Economics </div> <div> <u>Doctor Gashaw T. Abate</u>  <a href="mailto:G.Abate@cgiar.org">G.Abate@cgiar.org</a>  IFPRI - Markets, Trade, and Institutions Unit </div> <div> <u>Professor Elisabeth Sadoulet</u>  <a href="mailto:esadoulet@berkeley.edu">esadoulet@berkeley.edu</a>  UC - Berkeley </div> <div> <u>Professor Nicholas Magnan</u>  <a href="mailto:nick.magnan@colostate.edu">nick.magnan@colostate.edu</a>  Colorado State University </div>		
<b>Prior Education</b>	<b>University of Bordeaux</b> <b>University of Bordeaux</b>	M.Sc. Development Economics and Applied Statistics B.A. Economics and Law	2019 2017
<b>Teaching</b>	<b>Univ. Bordeaux</b> <b>IFPRI - Ethiopia</b>	<i>Introduction to Stata (Graduate level)</i> , Lead Instructor <i>Microeconomics (Undergraduate level)</i> , TA for Ion Lapteacru <i>Economic issue in Africa (Graduate level)</i> , Lead Instructor with Eric Rougier <i>Machine learning for policy evaluation (Graduate level)</i> , Lead Instructor <i>Causal Inference I (Graduate level)</i> , TA for Tanguy Bernard <i>Machine learning for policy evaluation</i> , Lead Instructor	2024 2024 2023 2023 2021, 2022 & 2024 2023

<b>Grants, Fellowships, and Awards</b>	2025	IGC (£75,000); Fund for Innovation in Development (€1.5 million)
	2023	IGC Pilot Grant (£40,000)
	2022	Fulbright Fellowship (\$24,500)

## **Research Papers**

### **“The Double Edge Sword of Social Transfers: Evidence from Ethiopia” (JOB MARKET PAPER).**

This article examines how cash versus in-kind transfers affect local economies using Ethiopia’s Productive Safety Net Program (PSNP), Africa’s largest social protection program. Exploiting the progressive nationwide roll-out and using a staggered difference-in-differences approach, I analyze impact on local prices and market adjustments from 2001-2015 to identify causal effects. Cash transfers increase local prices by 5%, while in-kind transfers show no significant average price effects. However, prices of the food items distributed fall significantly in localities receiving in-kind transfers. Effects are strongest in districts with higher treatment intensity, more isolated, and lower initial agricultural productivity. A one percentage point increase in transfer share drives a 1.02% price increase in cash-dominant districts versus a 0.82% decrease in food-dominant districts. Several mechanisms explain these differential effects: cash transfers relax supply constraints by improving agricultural productivity through increased fertilizer application, partially offsetting price inflation. Market power among suppliers and a lack of market access amplify price effects in cash-receiving areas. However, the increase in price entail welfare costs: children under five show higher rates of underweight and wasting in cash-dominant districts. These findings highlight the importance of tailoring social protection program design to local market conditions and considering transfer modality effects when scaling up interventions.

### **“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.

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