

Amal A. M. Séré

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Email: amal.amatullah.manaar.sere@umontreal.ca

Website: amalsere.github.io

Phone: +1 438 725 2447

Citizenship: Burkina Faso, Canadian permanent resident

Université de Montréal, Department of Economics
3150 Jean-Brillant street Montreal, QC,
Canada H3T 1N8

Research Fields Empirical industrial organization, applied microeconometrics, development economics

Education	PhD candidate in Economics	2021 – 2027 (expected)
	Université de Montréal	Montréal, Canada
	M.Sc. in Probability and Statistics, with distinction.	2019 – 2020
	Université Félix Houphouët-Boigny & Université d'Aix-Marseille	Abidjan, Côte d'Ivoire
	M.Sc. in Statistics and Economics, with distinction.	2016 – 2019
	Institut National de Statistique et d'Économie Appliquée (INSEA)	Rabat, Morocco
	DEUST in Math-Physics-Computing, (University diploma) with distinction.	2014 – 2016
	Faculté des Sciences et Techniques d'Errachidia (FSTE)	Errachidia, Morocco

References	Mathieu Marcoux , Primary advisor, Associate professor, Department of Economics, Université de Montréal, mathieu.marcoux@umontreal.ca	Mario Samano , Co-advisor, Associate professor, Department of Economics, HEC Montréal, mario.samano@hec.ca	Joshua Lewis , Department of Economics, Associate professor Université de Montréal, joshua.lewis@umontreal.ca
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Research **Job market paper**

Competing providers as complements: demand for prepaid mobile phone in Burkina Faso

Prepaid pay-as-you-go plans are widely used worldwide and are especially popular in emerging countries. The literature highlights that the contract flexibility associated with this type of plan, the off-net service overcharges, and recurring provider price discounts make it interesting for consumers to subscribe to multiple providers. However, this joint consumption contrasts with the exclusivity expected when products are supplied by competing firms. This paper assesses the extent to which competing providers of prepaid plans are substitutes, using a sample of subscribers from Burkina Faso. I find that the two most popular providers are complements in the discrete dimension. This means an increase in the price of one is related to a decrease in the subscription probability of the other. Also, internet and communication services (voice and text) from the same provider are Hicksian substitutes.

Other working papers

Estimation of demand with decreasing block pricing and market-level data ([Draft](#))

Competition in the telecommunication industry in Burkina Faso (*Work in progress*).

Awards and Grants	McConnell Travel Grant (Université de Montréal)	2024 – 2026
	Fonds de Recherche du Québec – Société et Culture (FRQSC)	2024 – 2027
	PhD Fellowship (Department of Economics & CIREQ, Université de Montréal)	2021 – 2023
	Tuition-fee Waiver Scholarship (School of Graduate Studies, UdeM)	Since 2021

	Master Fellowship (M2PSAV, Université Félix Houphouët-Boigny)	2019 – 2020
	Graduate Excellence Award (INSEA)	2019
	AMCI Scholarship for International Students in Morocco	2014 – 2019
	Burkina Faso Government Scholarship for undergraduate and graduate studies in Morocco	2014 – 2019
Experience	Economist Consultant, World Bank, 2025 (short-term consultancy) Poverty analysis using demographic typologies (Senegal); compilation of labor market statistics. Research Assistant, CIRANO (Montreal, Canada) 2024 Evaluating and editing papers for two edited volumes (French). Research Assistant, Institut Supérieur des Sc. de la Population (Ouagadougou, Burkina Faso) 2021 Designed data collection tools, supervised field survey operations and supporting dissemination workshops and conferences (Early-career researchers workshops and international study day: 2021) Beryl Consulting, Statistical Consultant (Internship, Abidjan, Côte d'Ivoire) 2020 Serving as the primary statistician on a hospital chain consulting mission: assessing data availability with clients, data analysis	
Teaching experience	Lecturer, Université de Montréal ECN 1070: Mathematics for Economic Analysis 1 Winter 2026 ECN 1260: Econometrics 1 Winter 2025 ECN 1075: Mathematics for Economic Analysis 2 Fall 2023 Teaching Assistant, Université de Montréal ECN 3950A: Workshop in Applied Economics Fall 2025 ECN 2700A: International Economic Relations Winter 2025 ECN 2160: Econometrics 2 Winter 2023, Fall 2025 ECN 1000: Principles of Economics Fall 2023, Winter 2024, Summer 2024 ECN 1040A: Introduction to Microeconomics Fall 2022	
Conferences	2026: Women in Econometrics Conference (Montréal), CEA (Vancouver), Congrès SCSE (Québec), CIREQ PhD Student Conference (Montréal), QPESF Workshop (Montréal) 2025: Competition Bureau of Canada (Gatineau), Congrès SCSE (Orford), CIREQ Econometrics Conference (Montréal), QPESF Workshop (Montréal), AFSA (Montréal) 2024: QPESF Workshop (Montréal), CESG Annual Meeting (Toronto), Industrial Organization Study Group (Montréal) 2023: Industrial Organization Study Group (Montréal)	
Skills	Econometrics and structural analysis Empirical industrial organization, discrete-continuous choice models, discrete choice models, demand for bundles, causal inference. Software: Stata, R, Python, SPSS. Languages: French (native), English (fluent) Additional training: Foundations of Development Policy: Advanced Development Economics, Data Analysis for Social Scientists, Good Economics for Hard Times	