

Sabrina Bair

Research Fields

Development Economics, Behavioral Economics, Innovation and Information Economy, Evaluating public policy, Environmental Economics.

Education

2016–2020 **PhD in Economics, CERNA, MINES Paristech, Paris, France.**

Supervisor: Pierre Noel Giraud

Title: Assessing the impact of the use of information and communication technologies in the agricultural sector in Africa: the case of mobile telephony

2014–2016 **Master's Degree in applied economics and evaluation of public policy.**

ENSAE École Nationale de la Statistique et de l'Administration Économique Paris

2011–2014 **Engineer in statistics and applied economics.**

INSEA Institut National de Statistique et d'Économie Appliquée Rabat

2009–2011 **Preparatory classes for the grandes écoles.**

Lycée Moulay Youssef Rabat, Morocco

Professional Experience

2021 **Postdoctoral Fellow**, at *Toulouse School of Economics*.

2019 **Lecturer on the evaluation methods of public policies to the PhD students in economics**, at the *University Mohammed VI Polytechnic Morocco*.

2018 **Short term Consultant in Nitidae ONG**, *agriculture market information impact in rural Burkina Faso*.

2017–2018 **Part-time lecturer at the university**, *the Numerical Statistics and Data Analysis module at the École des Ponts et Chaussées, Paris, France*.

2015 **Research assistant, Professor: Fateh Belaid**, *Project : Households and energy consumption at the Scientific and technical center of the building, Paris, France*.

References

Pierre Noel Giraud
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Ahmed Tritah
Professor at the Université of Poitiers
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Fateh Belaid
Professor at Lille Catholic University
60 Boulevard Vauban, 59800 Lille France
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Pierre Ricau
Market Analyst - service n'kalô
29 rue Imbert Colomès - 69001 Lyon France
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Work in progress

"The value of information: Evidence from Burkina-Fasso sesame producers".

Does market information through mobile phones enable African farmers to value their products better? To answer this question, we run a randomized controlled trial (RCT) focusing on sesame producers: an important cash crop in Burkina Faso. We consider two types of treatment: the first provides information on prices estimated at the regional level, and the second treatment includes information on price trends and gives instructions and advice on sales. On average, we find that the information signal increases prices paid to farmers by 4%, but the effect on turnover is stronger. However, impacts differ according to the type of information received. Gains are concentrated among those receiving price information only. These gains occur through a change in commercial behavior: farmers reduce the frequency of their sales, concentrating their sales during peak price periods.

Keywords: Information technology; agriculture; impact evaluation; Price information; Mobile phone; cash crops; Burkina Faso.

Publications

"Mobile money and inter-household financial flows: Evidence from Madagascar". Bair, S., Tritah, A. (2019). *Revue économique*, 70(5), 847-871.

Mobile money is expanding rapidly across the African continent with the potential to raise financial inclusiveness. In this paper we investigate the impact of the introduction of mobile money in 2010 on the amount and frequency of funds sent and received among Malagasy households. We use a selection model combined with an instrumental variable approach to deal with the selective participation into the transfer market and the endogeneity of mobile money adoption. We show that access to mobile money has triggered more financial transactions between households at both the extensive (number of potential users) and intensive margin (level of funds). Our results suggest that transactions costs are important and act as barriers to entry for the poor. The advent of new communication technologies has the potential to alleviate these barriers and bring into secure financial transactions a large segment of a previously excluded population.

Non-academic publications

"Quantifier et caractériser les ménages en précarité énergétique", in Dussud François-Xavier, Lepoittevin Daniel et Riedinger Nicolas (coord.), Bair Sabine, Belaïd Fateh, Teissier Olivier et Devalière Isolde, 2017."Les ménages et la consommation d'énergie", CGDD/SDES, Théma Analyse, Mars 2017, pp.8-17.

" Exploitation of the Phebus inquiry. Better qualifying fuel poverty situations: coldness, heating restrictions, payment difficulties of energy bills, constrained limited mobility."Ambrosio, G., Belaïd, F., Bair, S., Teissier, O. (2015).

Language

French: Native

English: Excellent

Arabic: Native

Software Skills

Stata

SPSS

Eviews

SAS

Latex

Conferences and Workshops

2020 **Dauphine Doctoral Workshop in Paris, France.**

Presentation of the paper "The value of information: Evidence from Burkina-Fasso sesame producers."

2019 **CERNA Doctoral Seminar at Mines Paristech in Paris, France.**

2018 **International Symposium on Economics, Finance and Econometrics, Bandirma, Turquie.**

2018 **Journal applied microeconomics days, Bordeaux, France.**

Presentation of the paper "Mobile money and inter-household financial flows: Evidence from Madagascar."

2017 **CERNA Doctoral Seminar at Mines Paristech in Paris, France.**

2016 **Doctoral Days i3, Paris France.**

2016 **Workshop: Fundamentals of commodity markets, Rabat, Morocco.**
OCP policycenter, Bahattin Buyuksahin (Central Bank of Canada).