Jacint ENRICH MOYA

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EDUCATION

2021-*expected*	**Ph.D. in Economics**, Toulouse School of economics *Advisors:* François Salanié and Sylvain Chabé-Ferret
2015	**M.Sc. in Economic Theory and Econometrics (M2)**, Toulouse School of economics
2014	**M.Sc. in Economics (M1)**, Toulouse School of economics
2013	**B.A. in Economics**, Universitat Autònoma de Barcelona (with distinction) Semester at City University London

FIELDS OF INTEREST

Primary: Environmental Economics, Development Economics
Secondary: Agricultural Economics

REFERENCES

Prof. François Salanié
Toulouse School of Economics
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Prof. Sylvain Chabé-Ferret
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Prof. Josepa (Pepita) Miquel-Florensa
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Prof. Thierry Magnac (Teaching letter)
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TEACHING

Spring 2019	Instructor, Statistical Tools for Causal Inference, Graduate, TSE
	TA, Program Evaluation, Graduate, TSE
	TA, Applied Econometrics, Graduate, TSE
Spring 2018	TA, Program Evaluation, Graduate, TSE
	TA, Applied Econometrics, Graduate, TSE
Spring 2017	TA, Program Evaluation, Graduate, TSE
Fall 2016	TA, Game Theory, Graduate, TSE
Spring 2015	TA, Microeconomics 2, Undergraduate, University of Toulouse 1

Job Market Paper

"Technology Adoption and Structural Transformation: The Case of tractors in France" [Link]

Economic development is associated with a structural transformation, where labor is reallocated out of agriculture to other sectors. However, whether this structural transformation is triggered by increases in agricultural productivity -*Push forces*- or by improvements in productivity in other sectors -*Pull forces*- remains an open question. In this paper, I study the effect of the tractor, a very important push factor, on the structural transformation of the French economy between 1970 and 2000. First, I derive conditions under which tractor technical change, either from decreases in tractor prices or increases in tractor productivity, is labor-saving and pushes labor out of agriculture in an open economy two-sector model. Second, I propose a novel empirical strategy to identify the parameters of this model using data on tractor power and exogenous geographical variations in the terrain slope. My estimates show that tractor technical change is labor-saving and led to labor reallocation out of agriculture. I nevertheless show in counterfactual simulations that tractor technical change only accounted for around 4% of the overall labor reallocation during this period. However, I observe heterogeneous effects with respect to the source of technical change. In particular, while reductions in tractor prices had limited impact on the demand for agricultural labor, improvements in tractor productivity have the potential to trigger the structural transformation.

Working Papers

"Land Fragmentation, Land Consolidation and Agricultural Productivity: Evidence from France", joint with Sylvain Chabé-ferret [Link]

Land fragmentation is often believed to be detrimental to the efficiency of mechanized agriculture. The costs of land fragmentation might be as high as delaying the adoption of new technologies, thereby preventing the structural transformation from occurring. Land consolidation programs aim at redesigning the cadastre, so that the new plots are less numerous, larger and closer together and to the farm headquarters, making mechanized agriculture more efficient. In this paper, we study the effect of a major French land consolidation program on tractor adoption and agricultural labor. Between 1942 and 2008, more than half of the French Agricultural Area has changed hands as part of a major land reform called "Remembrement". Using a Difference-In-Differences (DID) approach comparing communes where land consolidation occurred early to communes where land consolidation happened later, we do not find a detectable impact of land consolidation on the adoption of the tractor nor on the concentration process of the agricultural sector. Land consolidation does not seem to have triggered the structural transformation of French agriculture, but rather to have followed it.

Work in progress

"Asymmetric Information in Agricultural Land Markets: A Mechanism Design Approach"

This paper investigates a bargaining problem between two agents that would like to exchange their respective objects under incomplete information about quality. In this setting, the valuation of each agent is a function of other's object quality and trade is always beneficial if we were in a complete information case. Under some assumptions, it is possible to characterize an optimal bargaining mechanism that is incentive-compatible and individually rational. First, I show that ex-post efficiency is not always attainable. Then, I derive conditions for which the expected gains from trade are maximized. In this case, under the optimal trading rule, good objects will be traded against bad objects hence limiting the most beneficial exchange options.

Other Positions

2020	TSE-IAST Green Committee
Spring 2018	Program Evaluation Teacher Assistant Coordinator, TSE
Spring 2017	Applied Microeconomics workshop Organizer, TSE
2014-2015	Head of Organization, The TSEconomist Student Magazine

Conferences

2020	EEA Virtual Congress, SAEe, ES Winter Meetings *Accepted and cancelled:* ENTER Jamboree in Barcelona (Spain), XXIII ALDE Applied Economics Meeting in Mallorca (Spain), IX AERNA Conference
2018	IAERE Annual Conference in Torino (Italy), EEA Congress 2018 in Cologne (Germany), VIII AERNA Conference in Madrid (Spain)

Professional and Research Experience

Jun - Aug 2015	Research Assistant of Prof. Sylvain Chabé-Ferret Toulouse School of Economics
Apr - Jul 2014	Research Assistant of Prof. Caterina Calsamiglia Universitat Autònoma de Barcelona
2012	Research Fellow, Catalunya banc S.A.

Scholarships

2019 - 2020	bourse EUR CHESS
2015 - 2019	PhD scholarship, France

Languages and Software

LANGUAGES: English (fluent), Spanish (native), Catalan (native), French (intermediate)

SOFTWARE: R, STATA, LaTeX, MATLAB (Basic), MS Office

Last updated: November 13, 2020