

José Alfonso Muñoz-Alvarado

CV

☎ +33 (0)6 07 76 61 18
✉ jalfonso.munoz@tse-fr.eu

Education

2018– **PhD. student in Economics**, *Toulouse School of Economics*, Toulouse, France.

Supervisors: François Poinas and Thierry Magnac

2017–2018 **Master in Economic Theory and Econometrics**, *Toulouse School of Economics*, Toulouse, France.

Thesis *Schooling decisions and expectations: considering lifetime outcomes to make educational decisions today*

Supervisor François Poinas

2016–2017 **Master in Economics**, *Toulouse School of Economics*, Toulouse, France.

Thesis *In-kind transfers and prices schemes: When money is not the best option*

Supervisor Helmuth Cremer

2011–2015 **Bachelor in Economics**, *Universidad de Costa Rica*, San José, Costa Rica.

Research Interests

Education economics, Labor economics, Family economics, Applied microeconometrics.

Working Papers

Munoz-Alvarado, J.A. and F. Poinas, "*Attrition and time-variant unobserved heterogeneity in an education-labor dynamic discrete choice model*".

Abstract: *Discrete choice dynamic programming (DCDP) models allow to estimate education-labor decisions with individual heterogeneity that cannot be seen on the data. The most common way is to assume that this unobserved heterogeneity is a time-invariant but, some results point out that, in ages from 16 to 30 years old, life experiences vary this term. We present a DCDP model for educational and labor choices allowing for time-variant unobserved heterogeneity to include the effect of life decisions and life events that changes individuals' unobserved characteristics. With the model it is then possible to estimate counterfactuals for public policies like a raise in tuition fees and see the potential differences compared to a time-invariant setting. The data we use is Génération 98 which has a severe problem of attrition. We also present a selection mechanism on observables and unobservables to incorporate the decisions and wages of the individuals made before the decision to leave the sample. Correcting for attrition bias has not been done before in the DCDP literature, even when most of the data sets used have this problem.*

Munoz-Alvarado, J.A., "*Responsible Paternity Law in Costa Rica: Effects on Households' Labor Decisions*".

Abstract: *The Responsible Paternity Law in Costa Rica made it easier for non-married women to declare the father of their new born child and hence, obtain child monetary support. This paper develops household labor market choices in a collective household model in the spirit of Blundell, Chiappori, Magnac and Meghir (2007), using the Responsible Paternity Law in Costa Rica as a natural experiment as the law might have strengthened female bargaining power in a couple. Using the Costa Rican Encuesta de Hogares de Propósitos Múltiples data, reduced form evidence show a positive effect on the female partner's labor supply and structural form provides the tests on labor market participation of both partners and show a positive, on labor market participation of the male and the labor supply of the female partner*

Work in progress

"Conditional Cash Transfers and member's inequality in households: effects on household when the child is the transfer's receiver."(JMP)

Research Experience

- 2016 **Research Assistant**, "*Commonalities and differences in the meaning of happiness: people voices about ideal happiness*" funded by the Toyota Foundation. Professor in charge: Yoshiaki Takahashi, University of Tsukuba, San José, Costa Rica.
- o Assembled and coordinated a group of 5 assistants.
 - o Conducted and/or supervised interviews across 25 towns in Costa Rica over a 3-week period.
 - o Examined and approved the transcripts from the 100 interviews conducted.
- 2015 **Research Assistant**, "*Experiment to test a bargaining game for reducing pollution*". Professor in charge: Milagro Saborío, Tropical Agricultural Research and Higher Education Center (CATIE), San José, Costa Rica.
- o Conducted and/or assisted experiments in computer sessions over a 2-week period.

Teaching Experience

- 2020-2021 **Teacher assistant**, *Toulouse School of Economics, Toulouse, France*.
- o Master 1 in Economics: Program Evaluation. Including coordination duties on the course and other TAs.
- 2019-2020 **Teacher assistant**, *Toulouse School of Economics, Toulouse, France*.
- o Master 1 in Economics: R Programming;
 - o Master 1 in Economics: Program Evaluation. Including coordination duties on the course and other TAs.
- 2015-2016 **Lecturer**, *School of Economics of the University of Costa Rica. San José, Costa Rica*.
- o Lecturer on the courses "Economic Data" and "Microeconomics I";
 - o Lecturer and co-coordinator of the course "Introduction to economics for non-economists".
 - Responsible for the logistics of several exams for the 27 groups.
 - Coordinated 9 assistants.
 - Obtained and evaluate the course's statistics.

Pre-PhD Publications

- 2016 Muñoz Alvarado, J.A. Methodological Approach to Evaluate Teacher Effectiveness: Study of Teachers of the Chair XE0156 University of Costa Rica. (spanish) *Revista de Ciencias Económicas Universidad de Costa Rica*. EISSN: 2215-3489 Vol. 34(2): 59-68. doi: <http://dx.doi.org/10.15517/rce.v34i2.27323>
- 2016 Muñoz Alvarado, J.A. Analysis of monetary policy during 2015 and the first months of 2016. (spanish) *Paper prepared for Vigésimo segundo Estado de la Nación. San José: PEN*. Link: http://estadonacion.or.cr/files/biblioteca_virtual/022/Oportunidades/Munoz_2016.pdf
- 2016 Muñoz Alvarado, J.A. AVANCEMOS: Effects of school drop-out in the Home of Beneficiaries. (spanish) *Educare Electronic Journal*. EISSN: 1409-4258 Vol. 20(1): 1-22. doi: <http://dx.doi.org/10.15359/ree.20-1.3>

Scholarships

Eiffel Excellence Scholarship Programme 2016-2018.

IT

Stata	Advanced	Matlab	Intermediate
R	Advanced	Julia	Intermediate

———— Languages

Spanish Native

English Fluent

French Intermediate

———— Student & Extracurricular Activities

- o 2018-2019. Editor-in-chief of the student magazine, The TSEconomist (<https://tseconomist.com/>).
- o 2017-2018. Student delegate for Master in Economic Theory and Econometrics at Toulouse School of Economics.
- o 2016-2017. Student delegate for Master 1 in Economics, International Track at Toulouse School of Economics.
- o 2014. Teacher assistant in the course "History of Economic Thought" in the School of Economics, University of Costa Rica.
- o 2013. Teacher assistant in the course of "Macroeconomics II". School of Economics, University of Costa Rica.

———— References

Available upon request.