

Antoine Jacquet

PhD candidate, Toulouse School of Economics

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EDUCATION

2017–present PhD candidate in Economics, *Toulouse School of Economics*
 Visiting Scholar (January–July 2022), *Columbia University*
2016 MSc in Quantitative Economic History, *London School of Economics (LSE)*
2015 Engineer, *Ecole Polytechnique*
2012 Preparatory classes in Mathematics and Physics, *Lycée Malherbe, Caen*

RESEARCH INTERESTS

Economics of culture, Matching models, Evolution of preferences and economic behavior

WORKING PAPERS

“Culture, human capital, and marital homogamy in France” (Job Market Paper)

Abstract: I build a model of household decision-making in which parents consume a private good, and also care about passing on their culture to their children. To do so, the parents must trade off their labor supply against time devoted to intergenerational cultural transmission. First, I study the optimal time allocations of the households. In culturally homogamous households, the parents’ objectives are aligned and a standard Beckerian argument applies for the optimal division of tasks: the parent with lower labor market returns should spend more time with the children. In heterogamous households however, a horizontal differentiation problem arises since parents wish to pass on different cultures: in this case, cultural transmission is entrusted to the parent who has the strongest will to transmit their culture. The model in turn predicts culturally assortative matching on the marriage market, and is able to explain other robust empirical facts such as mothers being better cultural vectors than fathers in average. I then confront the model to survey data on religion from France. Descriptive evidence notably suggests that parental education is negatively correlated with religious homogamy, and with successful cultural transmission to the children. In ongoing work, I estimate the structural parameters of the model using two different kind of population moments: (1) the marriage patterns across religions, by embedding the model in a matching framework à la Choo & Siow, and (2) the religious transmission patterns.

“Veiling and economic participation of Muslim women in France” with S. Montpetit

“A unifying framework for the stable coexistence of cultural traits”

“Conformity in the mating process: the overlooked social component of animal and human culture” with S. Nöbel, G. Isabel, A. Pocheville, P. Seabright, and E. Danchin
(*R&R at Biological Reviews*)

TEACHING AND RESEARCH EXPERIENCE

Teaching assistantship

Fall 2020, 2021 Microeconomics (3rd year bachelor)
Fall 2018, 2019 Game theory (1st year master)
Winter 2019, 2020 Mathematics for Economics (1st year bachelor)

Other research experience

- 2019 Field researcher, *University of New South Wales (UNSW)* Choiseul, Solomon Islands
Project supervised by Prof. Pauline Grosjean
– Managed a team of 3 enumerators to conduct a survey of 19 communities over the span of 3 months.
- 2016 Master’s dissertation, *LSE*
Title: “The emergence of the temple as an economic agent in ancient Mesopotamia”
– Awarded a Brilliant Distinction by the Department of Economic History at LSE
- 2015 Research intern, *French Institute of Pondicherry* Pondicherry, India
Master’s thesis: “Historical and prospective study of the Franco-Pondicherrian population”
– Published summary: **A. JACQUET**, A. VARREL, A. RICHARD-FERROUDJI, “Quand les migrants sont français : la population française de Pondichéry,” *Cahiers des IFRE* n°3, 2016, p. 58–67.
- 2014 Collective scientific research project (PSC) in Economics, *Ecole Polytechnique*
Title: “What if France exploited its shale gas? A model for gas prices”
– Award for best project of the year from the Department of Economics at Ecole Polytechnique
- 2012 BSc thesis: “Theoretical and practical aspects of fixed point theorems”

SCHOLARSHIPS AND GRANTS

- 2020–present Research & teaching scholarship, *Université Toulouse Capitole*
- 2022 EUR Mobility grant, *Toulouse School of Economics*
- 2022 Mobility grant, *Université Toulouse Capitole*
- 2017–2020 Doctoral scholarship, *Institute for Advanced Study in Toulouse*
- 2012–2016 State scholarship, *Ecole Polytechnique*

CONFERENCES AND SEMINARS

- 2022 Math+econ+code workshop on optimal transport and economic applications;
(upcoming) ASREC conference; Spring Meeting of Young Economists; TSE Applied Micro workshop
- 2021 RTP Evolutionary Human Sciences; TSE PhD workshop; Math+econ+code workshop on equilibrium transport and matching models
- 2020 TSE PhD workshop; TSE Behavior Institutions and Development workshop
- 2019 TSE Behavior Institutions and Development workshop; ASREC graduate workshop
- 2018 ASREC graduate workshop
- 2016 LSE Faith & Leadership certificate

OTHER WORK EXPERIENCE

- 2014 Summer intern, Group Strategy & Business Development, *Generali* Milan, Italy
- 2012–2013 Officer cadet, six-month internship, *Gendarmerie nationale* Dijon, France
- 2009 Summer intern, *Natixis* Caen, France

LANGUAGES, COMPUTER SKILLS, PERSONAL INTERESTS

Languages	Computer skills	Personal interests
<i>French</i> – native	R, Stata, MATLAB,	Swimming (former national
<i>English</i> – fluent	L ^A T _E X	contestant)
<i>Italian</i> – intermediate		
<i>Persian</i> – Dehkhoda Institute: elementary II, grade 100/100		