

Yuhao LI / 李愚昊

PhD candidate in Economics, Universidad Carlos III de Madrid

ADDRESS: Calle Madrid 126, 28903 Getafe (Madrid), Spain

PHONE: (+34) 693-695-020

EMAIL: yuli@eco.uc3m.es

WEB: <https://yuhaoli-academic.github.io/>

This Version: Sept, 2018

Placement Director: [Ignacio Ortuño-Ortín \(iortuno@eco.uc3m.es\)](mailto:iortuno@eco.uc3m.es)

Placement Administrator: Arancha Alonso (aanieto@pa.uc3m.es)

References

[Miguel A. Delgado \(Supervisor\)](#)

Professor of Economics

Universidad Carlos III de Madrid

Email: delgado@est-econ.uc3m.es

[Carlos Velasco](#)

Professor of Economics

Universidad Carlos III de Madrid

Email: carlos.velasco@uc3m.es

[Juan Carlos Escanciano](#)

Professor of Economics

Universidad Carlos III de Madrid

Email: jescanci@eco.uc3m.es

Education

- Ph.D in Economics, Universidad Carlos III de Madrid, Spain, 2015-
- MRes in Economics Analysis, Universidad Carlos III de Madrid, Spain, 2013-2015
- MSc in Economics, Barcelona Graduate School of Economics, Spain, 2012-2013
- BSc in Economics, Southwestern University of Finance and Economics, China, 2008-2012

Research interests

- Micro-econometrics, Point Process, Duration Analysis

Research

- *The Strategic Behaviour in Work Absence: A Dynamic View* (Job Market Paper)

We use the self-exciting processes to study individuals' absence behaviours. Such behaviours are dynamic and strategic because of the firm's absence regulation, where a worker's absence records determine her absence benefit. The self-exciting process has a compensator that is conditioned on a self-generated filtration and hence is state-dependent. It enables us to include the individual's absence records into the model. We decompose an absence into an incidence event ('asking for absence') and a recovery event ('returning to work'). For each absence, we also distinguish short-term from long-term. Using firm-level data, we find that workers do consider absence records when they have short-term incidence and recovery events, but this is not the case for long-term events. Inspired by the empirical results, we build a simple economic model.

- *The Cost-Sharing, Shadow Price and Cluster in Medical Care Utilization: A Self-Exciting Perspective*

In this paper, a self-exciting counting process modelling method is proposed to study the frequency of medical care service utilization under a non-linear budget constraint health insurance policy. This modelling strategy enables researchers to investigate individual's dynamic behavior in a more detailed way. Specifically, for each individual, every doctor visiting record is represented as a point in a self-exciting counting process. Cost associated with such visiting is included in this counting process as a mark. A minimum distance method is employed to find the estimators. Using the Rand Health Insurance Experiment data, we find that individuals respond to a change of shadow price. In addition, we use a matured cluster analysis algorithm to investigate the cluster patterns and discover that compared to free plan, cost-sharing insurance plan with out-of-pocket fees suppress the use of medical services by limiting the number of clusters as well as follow-up visiting within each cluster.

Academic & Teaching Experience

- TA for Economics of European Integration (undergraduate level), Universidad Carlos III de Madrid, Spain, 2017-2018
- TA for Principle of Economics (undergraduate level), Universidad Carlos III de Madrid, Spain, 2015-2016, 2016-2017
- TA for Intermediate Microeconomics (undergraduate level), Universidad Carlos III de Madrid, Spain, 2014~2015
- TA for International Trade (undergraduate level), Universidad Carlos III de Madrid, Spain, Fall 2014

Conference & Seminar

- 2018
 - *Conference*: IAAE Montreal
 - *Seminar*: UC3M Ph.D. Workshop, LSE-Cambridge-UC3M Econometrics Ph.D. Students Workshop, ENTER Seminar Mannheim (scheduled)
- 2017
 - *Conference*: EEA-ESEM Lisbon
 - *Seminar*: UC3M Ph.D. Workshop
- 2016
 - *Seminar*: UC3M Ph.D. Workshop, ENTER Jamboree Madrid (as discussant)
- Pre-Doctor
 - The XXVII IUSSP International Population Conference, Busan, Republic of Korean, 2013
 - The ENRSP International Conference *Old Age Crisis and Pension Reform - Where do we stand ?*, Poznan, Poland. 2012

Scholarship & Honor

- Champion, Econometric Game 2018 Edition, Amsterdam, Apr, 2018
- Spanish FPI scholarship, Spain, 2015-2019
- Graduate Program Scholarship, UC3M, Spain, 2014-2015

Computer Skills

- Python, R, Matlab, Linux Shell

Language

- Chinese(native), English(fluent)