# Yuhao LI / 李愚昊

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Attending the following Job Market Meetings: European Job Market, Naples; SAEe, Madrid; ASSA, Atlanta

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## References

| | | |
|---|---|---|
| Miguel A. Delgado (Supervisor) | Carlos Velasco | Juan Carlos Escanciano |
| Professor of Economics | Professor of Economics | Professor of Economics |
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## 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)

This Version: October,2018