

## **Yuhao LI**

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### **Education**

- Ph.D in Economics, Universidad Carlos III de Madrid, Spain, 2018-2018 (expected)
- 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

### **Academic & Teaching Experience**

- 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

### **Working in Process**

- A Marked Self-Exciting Model of Medical Care Use
  - In this paper, we propose a marked self-exciting process to fit the Rand health insurance experiment claim-based (episode-based) data. Such modelling method aims to address the individual dynamic behavior and sudden jumps in the process. Each event (visiting to a health care service provider) is represented as a point stored in a counting process that records the behavior of one individual. Marks (costs) associated with the occurrence of events is included in the model and a generic probabilistic structure of the marked intensity is presented in this paper. A minimal distance method first developed by Kopperschmidt and Stute (2013) is used to find the estimators. The model uses patient's personal insurance claim records to characterize individual heterogeneity. We find that individuals are insensitive to the change of the cost of medical care which is consistent with the finding of Keeler and Rolph (1988).

## Conference

- ENTER Jamboree (as discussant), 2016
- 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

- Spanish FPI scholarship, 2015-2018
- Graduate Program Scholarship, UC3M, Spain, 2014-2015

## Computer Skills

- Python, R, Matlab, Linux Shell

## Language

- Chinese(native), English(fluent)