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Education

2017-21 **Ph.D. Candidate, Economics**, Tilburg University, the Netherlands
2017 **Research Master, Economics**, Tilburg University, the Netherlands
2012 **MSc, Economics**, Nova School of Business and Economics, Portugal
2010 **BSc. (“Licenciatura”) Economics**, Nova School of Business and Economics, Portugal

References

Dr. Martin Salm

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Prof. Dr. Jan Boone

Tilburg University
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Prof. Pedro Pita Barros

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Research

Job Market Paper

“Does long-term care provision reduce hospital bed-blocking? Evidence from a policy reform in Portugal”

Abstract: Excessive lengths of hospital stay are among the leading sources of inefficiency in healthcare. One reason for excessive lengths of hospital stay is bed-blocking. Bed-blocking occurs when a patient is clinically fit to be discharged but requires some form of support outside the hospital, which is not readily available. The patient remains in the hospital until a safe discharge is possible, resulting in longer lengths of stay. I study whether long-term care (LTC) provision reduces hospital bed-blocking. Using individual data on emergency inpatient admissions at Portuguese hospitals during 2000-2015, I implement a triple-differences design. This design exploits variation in the timing of entry of LTC providers across regions originating from the staggered introduction of the public LTC Network. It also exploits variation in lengths of stay between regular patients and patients exhibiting social factors that put them at risk of bed-blocking, such as living alone, having no family to care, and having inadequate housing. I find that the entry of home-care teams in a region reduces the length of stay of individuals living alone and those with inadequate housing by 4 days relative to regular patients. These reductions in length of stay do not affect the treatment received while at the hospital and are not associated with increased likelihood of a readmission. Reductions in length of stay upon the entry of nursing homes occur only for patients with high care needs. The beds freed up by bed-blockers are used to admit additional elective patients.

Publications in peer-reviewed journals

“Entry and price competition in the over-the-counter drug market after deregulation: Evidence from Portugal”, with Pedro Pita Barros *Health Economics*, 2020.

- Media coverage: Portuguese Economy Research Report blog, Netfarma, Dinheiro Vivo

“Causes of regional variation in Dutch healthcare expenditure: Evidence from movers”, with Martin Salm, Rudy Douven and Minke Remmerswaal. *Health Economics*, 2019.

- Among the top 10% most downloaded articles in *Health Economics*, 2018/2019

“Are socioeconomic inequalities in the process of registration with family physicians decreasing in Portugal?”, with Pedro Pita Barros. *Acta Médica Portuguesa*, 2018. (in Portuguese)

Working Papers

“Efficient epidemics: Contagion, control, and cooperation in a global game”, with Roweno Heijmans (submitted)

Work in Progress

“Access to the hospital and AMI survival”

Research Assistantships

2014-15 Research Assistant for Céu Mateus
2011-15 Research Assistant for Pedro Pita Barros

Academic talks

Conferences

2020 Netherlands Econometric Study Group (virtual); Annual Congress of the European Economic Association (virtual); EuHEA PhD Conference (virtual); IZA/Duisburg-Essen Workshop on the Economics of Long-Term Care and Healthy Aging (virtual); Essen Health Conference (virtual, scheduled), Portuguese Health Economics Workshop (virtual, scheduled).
2019 Portuguese Health Economics Conference; iHEA World Congress; American-European Health Economics Study Group; ENTER Jamboree (discussant)
2018 Portuguese Health Economics Workshop; EuHEA Student-Supervisor Conference; EuHEA Conference; lolaHESG Conference
2017 Portuguese Health Economics Conference; EuHEA Student-Supervisor Conference
2015 Portuguese Health Economics Conference; Summer HESG (Lancaster U.); Spanish Health Economics Conference
2014 ISPOR Annual European Congress; Spanish Health Economics Conference
2013 Portuguese Health Economics Conference; iHEA World Congress; Spanish Health Economics Conference
2012 ISPOR Annual European Congress; Portuguese Health Economics Workshop; Portuguese Stata User Group Meeting
2011 Portuguese Health Economics Conference

Seminars

2020 Tilburg University (SEG lunch); Nova SBE Health Economics & Management Knowledge Center; Applied Young Economist Webinar; Health Economics Group, Bristol University (virtual, scheduled); CHE Seminar Series at Monash University (virtual, scheduled).
2019 Tilburg University (SEG lunch; GSS)
2018 Tilburg University (Uurtje Gezondheidseconomie; SEG lunch; GSS); CPB Netherlands Bureau for Economic Policy Analysis
2017 CPB Netherlands Bureau for Economic Policy Analysis; Tilburg University (GSS)

Awards

2017 Econometric Game 2017: 2nd place worldwide with Tilburg University team
2015-17 Koopmans Scholarship Award, Tilburg University
2010-12 Nova SBE Merit Scholarship, Nova School of Business and Economics

Teaching Experience

- 2019-20 **Teaching Assistant**, Tilburg University, the Netherlands
Statistics & Data Management 2 (BSc).
- 2017-18 **Teaching Assistant**, Tilburg University, the Netherlands
Data-Analysis 2 (BSc course), Statistics (Pre-MSc course).
- 2014 **Teaching Assistant**, ENSP/UNL - School of Public Health UNL, Lisbon
Health Economics (MSc course for the Healthcare Management and the Public Health programs).

Employment

- 2017 **Intern, CPB Netherlands Bureau for Economic Policy Analysis**, The Hague
Market Regulation, Healthcare division.
- 2012-14 **Economist, Statistics Portugal**, Lisbon
National Accounts Department, General Government Statistics Unit.

Professional Activities

Refereeing: Health Economics, Social Science & Medicine, Acta Médica Portuguesa
Seminar co-organizer: Virtual-monthly Mental health Economics Seminar Series (V-MESS)

Skills

Computer: L^AT_EX, Stata, Python (beginner)
Languages: Portuguese (native), English (fluent), Dutch (beginner).

Workshops Attended

- 2020 Behavioral Experiments in Health, taught by Daniel Wiesen. Virtual, September.
- 2019 Causal Inference, taught by Scott Cunningham. Erasmus University Rotterdam, December.

Other Activities

- 2019-present Board member at APES - Portuguese Health Economics Association (also 2013-2015)
- 2017-present Replication Packages Auditor for The Econometrics Journal
- 2017-2018 Member of the Education Committee at Tilburg University
- 2015-present Member of the Graduate Students' Society at Tilburg University (class representative 2015-17; social event organizer 2017-2019)
- 2015 External expert for the Working Group on Disruptive Innovation. Expert Panel on Effective Ways of Investing in Health, European Commission
- 2014-present Associate member of Nova SBE Health Economics & Management Knowledge Center