

Michela Bonani

Department of Economics
Tilburg University
Warandelaan 2, K443, 5037 AB, Tilburg, Netherlands

email: m.bonani@tilburguniversity.edu
Phone: +31 134 662 416

Education

2017- present	PhD candidate in Economics , Tilburg University, Tilburg Supervisors: Prof. T.J. Klein and dr. F. Schütt and dr. C.B.T. Walsh Expected date of graduation: summer 2022
2014	M.Sc. in Economics and Social Sciences , Bocconi University, Milan
2011	B.Sc. in Management and Business Administration , Bocconi University, Milan

Research Field(s)

Empirical Industrial Organization, Economics of Innovation

Working papers

Job market paper “Mandated vs Market-Based Standards: A Structural Analysis of the US Wireless Telecommunications Industry.”

Abstract: Compatibility is recognized to be a socially desirable outcome but the welfare implications from mandating compatibility are still ambiguous. This paper studies the effect of mandating compatibility in the U.S. wireless telecommunications market from 2015 to 2018. I develop and estimate a structural model of consumer choice of wireless carriers and coverage investment to quantify the impact of a mandated standard policy on market outcomes and welfare. Using counterfactual simulations, I find that mandating compatibility is the welfare superior policy, regardless of the technology chosen. While firms benefit from moving to uniform wireless networks, whether consumers are better-off depends on the technology standard mandated by the government. Under a GSM regime, consumer surplus decreases by \$1.7 billion, coverage decreases by 20.01%, and prices increase for two wireless carriers. Under a CDMA compatibility policy, consumer surplus increases by \$2.2 billion, coverage decreases by 9.78%, and prices fall for all four major carriers.

“Standards, IPR Policies, and Innovation.”

Pre-PhD publications (in Italian)

Bonani, M., Mezza, L. (2015), “[La performance delle imprese attraverso i dati di bilancio](#)”, in *Milano Produttiva 2015* (pp. 74-101), Bruno Mondadori Publishing, Milan.

Bonani, M. (2016), “[Una nuova forma di impresa: la start-up innovativa](#)”, in *I&C/ No8*, Bruno Mondadori Publishing, Milan.

Academic talks

2021	CLEEN2021 Conference; Workshop on Standards and Patents; ENTER Jamboree (discussant) (scheduled); Universidad Carlos III de Madrid (scheduled) ;Tilburg University (SEG lunch; TILEC seminar; Internal workshop seminar) (scheduled);
2020	ENTER Jamboree (discussant); Second Annual Empirical Research Workshop and Conference on Standardization (all cancelled); Tilburg University (SEG lunch; TILEC Annual Retreat; Internal workshop seminar)
2019	Tilburg University (SEG lunch; TILEC seminar)
2018	Tilburg University (SEG lunch; TILEC seminar)

Summer school

June 2018	Dynamic Structural Econometrics Summer School (DGPE) University of Copenhagen , Copenhagen, Denmark
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Teaching

Fall 2021	Econometrics for ECO (undergraduate), TA for Prof. T.J. Klein, Tilburg University
Fall 2020	Econometrics for ECO (undergraduate), TA for J.R. Campbell and Prof. T.J. Klein, Tilburg University
Spring 2020	Industrial Economics (undergraduate), TA for F. Schütt and E. Öztürk, Tilburg University Data communication for policy analysis (undergraduate), Lecturer, Tilburg University
Spring 2019	Industrial Economics (undergraduate), TA for F. Schütt and E. Öztürk, Tilburg University
Spring 2018	Industrial Economics (undergraduate), TA for F. Schütt and E. Freddi, Tilburg University
Fall 2017	Microeconomics: Theory and Analysis (undergraduate), TA for B. van Leeuwen and E. Freddi, Tilburg University

Work experience

2016	Economist , Transcrime, Università Cattolica del Sacro Cuore, Milan, Italy • Analyst in European project “MORE”
2015	Intern , Chamber of Commerce, Milan, Italy • Economic Studies and Strategic Support department

Professional Activities

2017-present	Member of the Graduate Students' Society at Tilburg University (economic PhDs representative 2018-20)
2017- present	Junior member of TILEC at Tilburg University

Skills

Computer: Python, Matlab, Stata, \LaTeX

Languages: Italian (Native), English (Fluent), Spanish (Beginner)