

WANG YI

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Education

Ph.D. Economics, National University of Singapore, 2017

Dissertation: "Essays in Applied Economics, Household Behavior, and Environmental Economics".

Committee: Alberto Salvo (Chair), Yang Nan, Yi Junjian

B.A. Science in Mathematics & Economics, Nanyang Technological University, 2012.

with First class honours.

Academic Positions

National University of Singapore

Associate Director, Centre for Health Services and Policy Research (01/2018 –)

Postdoc Research Fellow, Saw Swee Hock School of Public Health (07/2017 –)

Teaching Assistant, Department of Economics (08/2016 - 06/2017)

Research Interests

Health economics, Environmental economics, Labor Economics.

Publication

1. Salvo, A. and Y. Wang (2017). "Ethanol-Blended Gasoline Policy and Ozone Pollution in Urban São Paulo", *Journal of the Association of Environmental and Resource Economists*, DOI 10.1086/691996

Working Papers

1. Resource Allocation Within Household: Evidence from the Brazil Family Expenditure Survey. *Abstract:* This paper examines mechanism of resource allocation within household using the Brazil Family Expenditure Survey. Using monetary income share as a measure of bargaining power, I evaluate its impacts on children's clothing expenditure share and female clothing expenditure share by estimating a Quadratic Almost Ideal Demand System. I test income pooling hypothesis and

examine whether the data supports unitary setting or collective setting. To deal with potential endogeneity issue, I control unobserved consumer heterogeneity by mimicking Olley & Pakes (1996) control function approach. The results concur with literature that using income share and expenditure share to examine resource allocation mechanism within household may lead to biased conclusions. Further, the results complement literature by suggesting such bias favors collective setting and the approach adopted in this paper could mitigate such bias.

2. Stability of Married households and Cohabiting Households.

Abstract: This paper compares married households and cohabiting households by developing and estimating a dynamic household collective model with limited commitment. I examine differences between union dissolution rates of married households and cohabiting households. Three differences are considered between married households and cohabiting households: different matching qualities, different outside options, and different demographic characteristics. I quantify to what extent the different union dissolution rates between married households and cohabiting households can be attributed to each factor by using Mexican Family Life Survey. Cohabitation in Mexico is more common compared with many other countries. Given emerging trend of cohabitation, conclusions drawn from Mexico could be relevant for countries where cohabitation is still not common, but is expected to boom in next few decades.

3. Contract with Return under Incomplete information

Abstract: I examine the role of return price when producer has incomplete information about retail stores' operational cost. When there is no demand uncertainty, return price serves to avoid opportunism from producer. When there is demand uncertainty, producer uses return price to elicit private information if uncertainty comes from consumers' valuation. If uncertainty comes from number of consumers, return price will be absorbed by money transfer.

Working in Progress

1. Effects of social economic factors on childhood obesity and its lifetime cost
2. Effects of government subsidies on patient-level management of chronic diseases

Honors and Awards

08/2012 - 08/2016	<i>President Graduate Fellowship, National University of Singapore</i>
12/2006 - 05/2012	<i>PRC Undergraduate Scholarship</i>
Sem 2, AY 14/15	<i>Nominee for Best Teaching Award</i>

Teaching Experience

Teaching Assistant (Part-time and Full-time)

01/2017 - 05/2017	EC3303 Econometrics I
08/2016 - 11/2016	EC3383 Environmental Economics

08/2016 - 11/2016	EC3101 Microeconomic Analysis II
01/2016 - 05/2016	EC3322 Industrial Organisation
08/2015 - 11/2015	EC3383 Environmental Economics
01/2015 - 05/2015	EC3101 Microeconomic Analysis II
08/2014 - 11/2014	EC3383 Environmental Economics
01/2014 - 05/2014	EC3303 Econometrics I
08/2013 - 11/2013	EC2101 Microeconomic Analysis I
01/2013 - 05/2013	EC2303 Foundations for Econometrics

Research Experience

Research Assistant

12/2013 - 01/2015

Research assistant for Prof. Alberto Salvo

Skills

Stata, Matlab, Latex.

Reference

Prof. Alberto Salvo
Department of Economics
National University of Singapore

Prof. Yang Nan
Department of Strategy & Policy, Marketing
National University of Singapore

Prof. Yi Junjian
Department of Economics
National University of Singapore

Last updated: February 4, 2018