

Shufei WANG

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EDUCATION

PhD in Economics, Hong Kong University of Science and Technology	2016-present
MPhil in Economics, Hong Kong University of Science and Technology	2014-2016
M.A. in Economics, Zhongnan University of Economics and Law	2011-2014
B.A. in Economics, Zhongnan University of Economics and Law	2007-2011

RESEARCH INTEREST

International Trade, Chinese Economy, Development Economics, Applied Econometrics

WORKING PAPERS

1. Putting Comparative Advantage to Work within the Multi-Product Firm, **JOB MARKET PAPER**

Abstract: This paper analyzes how comparative advantage can directly affect the allocation of activity across products within multi-product firms in a novel way. By constructing product-level comparative advantage index, we map a country's comparative advantage into individual multi-product firms. We first document three basic facts. Firms' product sales are skewed towards their comparative advantage products. Firms reduce (expand) their produce scope by dropping (adding) more comparative disadvantage products and shift sales towards (away from) comparative advantage products over time. In markets where they sell fewer products, firms drop comparative disadvantage products and shift sales towards comparative advantage products. To rationalize these facts, we extend Bernard, Redding, and Schott (2011) to include variable markups and comparative advantage. Our model predicts that firms' core competence is in their comparative advantage products which also feature higher sales and higher markups. Increased competition from a positive demand shock or an appreciation of Home currency induces firms to drop their comparative disadvantage products on the extensive margin and shift their sales towards comparative advantage products on the intensive margin. The predictions are consistent with the documented facts and are confirmed by exploiting variations from the removal of MFA quotas on textiles and apparel industry and from exchange rate fluctuations

2. Equilibrium Assignment Patterns in Knowledge-based Hierarchy Model: Evidence from China (with Albert Park)

Abstract: This paper empirically tests the equilibrium assignment patterns in knowledge-based hierarchy model using a unique matched employer-employee survey data from China. We provide evidence that supports the four important features of knowledge-based hierarchy model, i.e., scale of operations effects, positive assortative matching, cross matching, stratification. We further show that at least some aspects of wage inequality within and between firms can only be explained by

knowledge-based hierarchy model featuring firm heterogeneity.

3. The Role of Capital Intensity in Facilitating Trade: Evidence from China

Abstract: Using Chinese manufacturing firm data for the 1998–2007 period, we study the role of capital intensity in facilitating trade. It has been documented that Chinese exporters are less capital-intensive than non-exporters. However, when comparing exporters with non-exporters within ownership, we show domestic private exporters are ex ante less capital-intensive than their non-exporting counterparts while state-owned exporters are ex ante more capital-intensive than their non-exporting counterparts. This pattern is inconsistent with previous evidence from both developed and developing countries. We build a simple model with two sectors (i.e., private sector and state-owned sector) which features factor market distortions and heterogeneity in factor shares of production. Our model predicts that firms select to export based on their capital intensities. Less capital-intensive private firms self-select into export markets, while the opposite is true for state-owned firms. Our paper highlights, when factor markets are highly distorted, capital intensity can play a very important role in facilitating exporting.

WORK IN PROGRESS

4. Comparative Advantage and Exchange Rate Fluctuations
5. Competition, Quality, and Product Mix of Exporters: Evidence from China
6. Industrial Upgrading, Technology Adoption, and Firm Performance

PUBLICATION In CHINESE

1. Trade and Climate Change linkages: a Literature Review., *Economic Perspectives (经济学动态)*, 2011, No.10, pp131-136, (with Yanle Xi and Xiaojun Sun).
2. Do Imported Intermediate Inputs Increase productivity?-An Empirical Analysis Based on Propensity Score Matching., *Macroeconomics (宏观经济研究)*, 2012, No.8, pp48-53, (with Liang Cao and Wanzhi).
3. Do Exports Reduce Financing Constrains of Private Enterprises?. *NanKai Economic Studies (南开经济研究)*, 2013, No.3, pp95-109, (with Shimin Zhou and Yongbing Chen).
4. Impact of FTAs on Members' Trade Flows and Trade Pattern—Based on the Empirical Study of China' s Involvement in FTAs Facts, *Macroeconomics (宏观经济研究)*, 2013, No.7, pp90-100, (with Xu, Wenhai).
5. Importing, Exporting and Productivity-An Empirical Analysis Based on Chinese manufacturing Firm-Level Data. forthcoming in *Finance&Trade Economics (财贸经济)*, 2013, No.12, pp101-111, (with Xin Li and Yongbing Chen).

PRESENTATIONS

The Second Symposium on New Structural Economics (Winter Camp), Center for New Structural Economics, Peking University. December 17-22, 2016

The Workshop for New Structural Economics, Huazhong University of Science and Technology.
November 24-26, 2018

TEACHING ASSISTANT

Advanced Topics in Macroeconomics (PhD level)	Fall 2018
Social and Economic Networks (Msc level)	Spring 2018
Microeconomic Analysis (Msc level)	Fall 2017
Industrial Organization (PhD level)	Spring 2017
Games and Strategic Behavior (MBA level)	Spring 2016
Microeconomic Analysis (Msc level)	Fall 2015

AWARDS

Postgraduate Studentship	Aug.2014-Jun.2019
National Scholarship	2013
National Scholarship	2012
First-Class Scholarship	2012
Outstanding Graduates	2011
National Scholarship	2009

REFERENCES

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