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Comments on:

"The People's Republic of China's Evolving Role in Global Production and Supply Networks

A Value Chain Analysis Using Multi-Regional Input-Output Tables"

Quanrun CHEN

University of International Business and Economics, Beijing, China gchen@uibe.edu.cn Use state-of-the-art tools for global value chain studies:

- ✓ Multi-regional input-output tables
- The ADB multi-regional input-output tables
 Cover more Asian economies than WIOD
 Very helpful for studies on Asian economies
 An important development for WIOD: WIOD+

Use multiple indicators to reveal China's roles in global value chains

- ✓ Value added exports
- ✓ Backward and forward linkages
- ✓ New Revealed Comparative Advantage



Production heterogeneity for exporters and non-exporters (especially for processing exporters)



The input structure of electronic equipment sector

Types of final demand	Domestic value added per \$1000 final demand (China, 2007)
Final demand of domestic products	897
Processing exports	367
Non-processing exports	780
Exports	591



 China's Undistinguished processing trade in the input-output tables would lead to biased results!

✓ Studies have shown that China's value added exports would be overestimated by 15%, if China's processing trade is hidden in the world input-output tables.

Distinguishing production for processing exports for countries with high share of processing exports in the ADB multi-regional input-output tables?

Jobs

Decent jobs!

Occupational health and safety!

"Do Asian Countries Upgrade in Global Value Chains? A New Approach and Empirical Evidence"

Joint work with Gaaitzen de Viries, Rana Hasan and Zhigang Li

Data

- ✓ ADB multi-regional input-output tables (Mariasingham, 2015)
- ✓ Industry-Occupation specific employment data



PRC, R&D workers

Changes in employment shares of GVC workers by activity (2000-2011)



- Upgrading process is ongoing across Asia
- ✓ But at different speed. High-income countries are faster than developing countries

Thank you for your attention! qchen@uibe.edu.cn