

Change of National Content in China's Exports

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Background

- •China: the world factory 10% in global trade in 2011
- •Before exports, Import first

high share of processing exports.





- low VAS, but increase rapidly
- China is climbing the Global Value Chain
- Value added, boundary concept, not ownership.
- Value added \neq gains obtained by Chinese people

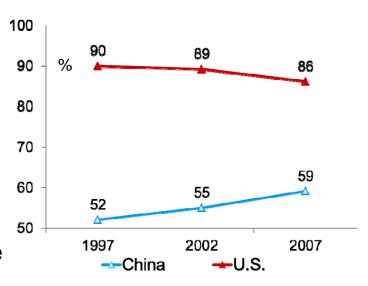


Fig 1 VAS in exports Sources: Chen et al (2012), Dean et al (2013), BEA



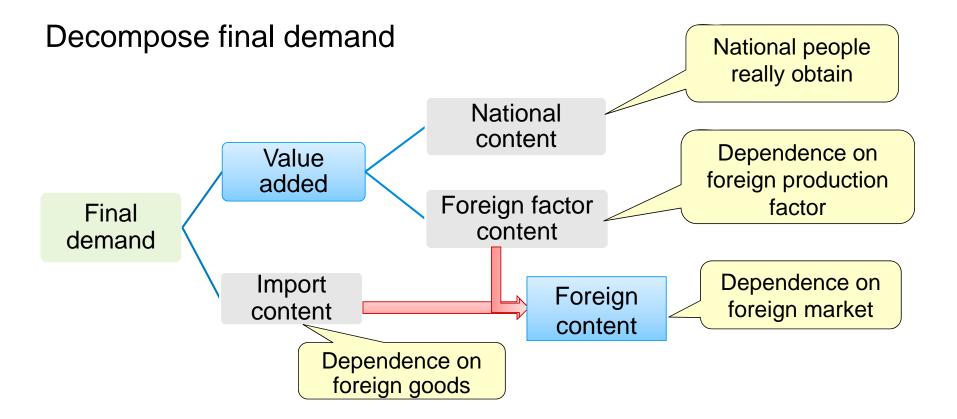
- second largest FDI recipient since 1993
- high dependence of exports on FDI 75 % is foreign capital in FIEs, 2007 more than half of China's exports by FIEs
- considerable value added belong to foreign areas
- how gains of Chinese people Change?



• Method: Input output model

		Intermediate use	Final use		Output
		use	DFD	EX	
Domestic intermediate input		\mathbf{Z}^{D}	У	е	X
Imports		\mathbf{Z}^{M}	Owned by		
Value added	NI	v ⁿ	Chinese people		
	FI	\mathbf{v}^f \leq	Owned by		
input		X '	foreign people		





- applicable to international IO model
- extend 'Global Value Chain' to 'Global Income Chain'

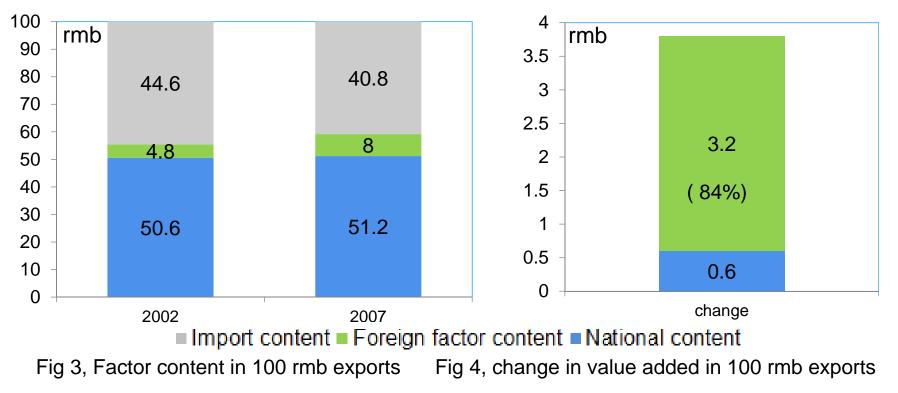
GVC: where the income located

GIC: which country own the income



Results and implications

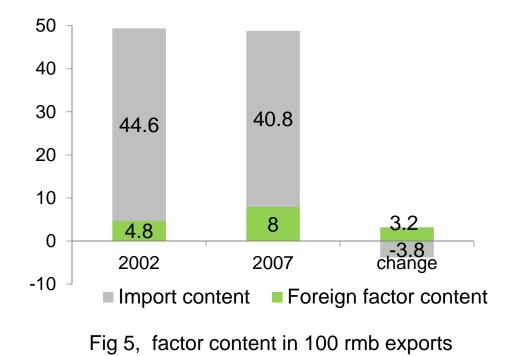
Total exports



• 84% of increment ascribed to foreign factor content.



• foreign dependence, total exports



• Increase of foreign factor contents offset decrease of import content

 China's exports still high depend on foreign markets, shift from foreign goods (imports) to foreign production factor (capital)



Conclusions

- a new analysis framework: dividing value added by ownership.
 "value chain" to " income chain"
- value added in Chinese exports rose rapidly, national income increased little.
- increment of value added mainly ascribed to foreign income.
- exports still have high dependence on foreign markets, shifted from foreign goods to foreign capital



Thanks for your attention Questions and comments?

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