A Short Comment on "Changes in Income Inequality in China" by Prof. Li Shi

> 27<sup>th</sup> Sep. 2007 Ryo KAMBAYASHI Hitotsubashi Univ.

#### A Brief Summary

Measure the income inequality in China.

- (total) income per person
- one shot household survey

– in 2002

#### Various measurement

 Gini, Relative mean diviation, Coefficient of variation, Theil index, ···

Comparison between rural and urban areas

#### **A Brief Conclusion**

Large income inequality.

Almost 1/3 of total inequality comes from between rural and urban areas.

Inequality is larger in rural area than in urban area.

# Discussion (1)

Cross-country comparison of income inequality

– Japan	27.3	(1999)
<ul> <li>Korea Rep.</li> </ul>	31.6	(1998)
<ul> <li>Philippines</li> </ul>	46.1	(2000)
<ul> <li>Thailand</li> </ul>	43.2	(2000)
<ul> <li>Indonesia</li> </ul>	34.3	(2002)
– India	32.5	(1999-0

- China 45.5 (2002) Table 4-1

Gini Index in World Development Indicators Database 2005

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## Discussion (2)

#### Reasons of income inequality

Non-wage inequality

Institutional disparity such as the access to financial markets, the schedule of pension, etc.

Wage inequality

Individual Difference

- Human Attribute
  - age, gender, educational level, etc.
- Job Attribute

occupation, experience, tenure, firm-size, etc.

Geographical Difference



#### Why so much disparity exists between rural and urban areas?

### Question (2)

What is the most important factor to describe the cause of income inequality in China?

Decompose the income inequality into

- Demographic difference
- Labor market difference
- Institutional difference (esp. access to financial markets)

## Question (3)

What is the most important economic mechanism behind the income inequality in China?

Skill Biased Technological Change (SBTC)

- Higher education gets more premium.

Globalization

- Income grows faster in coast areas.

Institutional Barrier

- How much efficient the intra-regional migration is?