Rethinking of Gini Inequality on Vietnam

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- ➤ Simplicity on idea
- > Easiness of calculation
- ➤ <u>Usefulness for policy analysis</u>

How can Living Standards be measured?

Person A



Person B



With \$10 wage

With food, \$15 market value

Income or Consumption?

How can Household be compared with?

Family A: \$100

One adult, 20 years old One young, 10 years old

One child, 3 years old

Family B: \$100

One adult, 20 years old
Two young, 10 years old
10 years old

Equivalence scale

Adult: Young: Child = 1.00: 0.455: 0.226

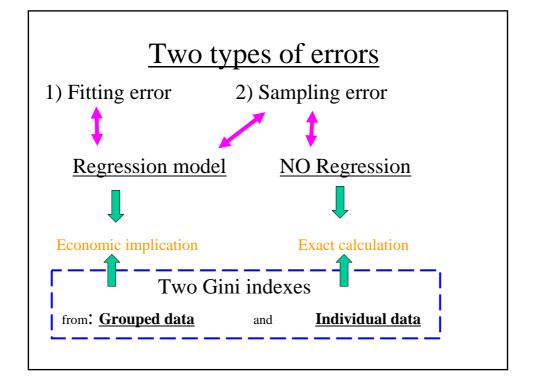
1.68 members

V.S.

1.91 members

Representative Household Consumption

\$59.5(=100/1.68) v.s. \$52.3(=100/1.91)



Lorenz curve of Vietnam

Household consumption expenditure in 1998

Economic implication

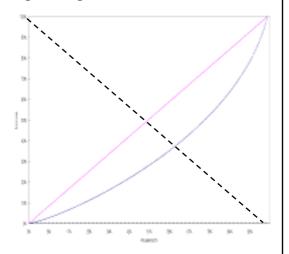
The rich skew inequality more than twice than the poor.

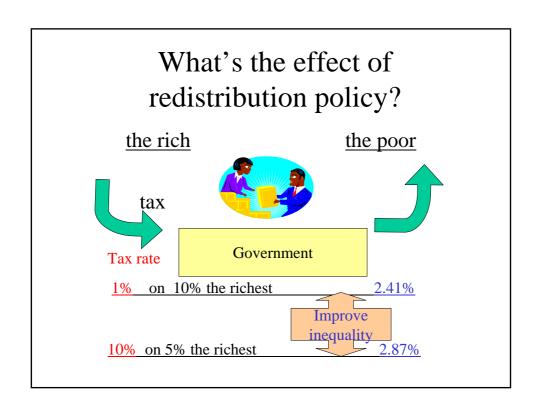
- ➤ The fitness of model is very good, R2 = 0.99
- Gini is 0.33672
 From 24 grouped data.

Exact calculation

➤ Gini is *0.3322*

From 5,938 household data.





Which and to what extent?

- Urban and Rural development -

		Gini (nequality				
9.69	growth rate of consumption power		before	after	Improvement change %	
	by area	natio mvida				
Urban	100%					
	•••	45.3%	0.33223	0.43824	-32.2%	
Rural	O%				•	
Urban	BON				***********	
		53.6%	0.33223	0.35635	-7.3%	
Rural	50%					
Urban	50%				;	
		66.4%	0.33223	0.3042	8.49	
Rural	80%				**	
Urban	10%	**********				
		54.7%	0.33223	0.23173	303%	
Rural	100%					
	*********				19. July 19.	

Education is needed for whom?

					Gini Ine quality		
area	growth rate of growth rate of consumption power			Improvement Imp	rovement		
area	<u>consumption</u>	consumption growth rate of consumption power			change (1)% change (2)%		
	by area	by education level of household	•••••	nationwide	see 1	able VII	
Urban	100%	Primary education NO completed	100%	<i>)</i>			
	Primary education completed 0%				- 7 N		
		Lower secondary education	0%	75%	-15.37%	14.60%	
		Uppersecondary education	O%		***************************************		
Rural	O%	University graduate	0%				
Urban	50%	Primary education NO completed	50%				
		Primary education completed	40%				
		Lower secondary education	30%	101%	10.98%	2.86%	
		Uppersecondary education	20%				
Rural	80%	University graduate	10%				
Urban	50%	Primary education NO completed	10%			****	
		Primary education completed	20%				
		Lower secondary education	30%	92%	3.15%	-5.46%	
		Uppersecondary education	40%				
Rural	80%	University graduate 50%			***********	• • • • • • •	
Urban	O%	Primary education NO completed	0%				
		Primary education completed	0%				
		Lower secondary education	0%.	62%	22.31%	-10.22%	
		Uppersecondary education	0%				
Rural	100%	University graduate	1 00%				