Chapter 4

International Economics



Leontief's paradox

	Exports	Imports		
Capital (\$ millions)	2.55	3.1		
Labor (person-years)	182	170		
Capital/labor (\$/person)	14,000	18,200		

Testing the H-O model







- » The USA has 24% of the world's physical capital and is responsible for 21.6% of world output.
 - > By this measure, the USA is considered physical abundant compared with the ROW.
 - > It is also considered land scarce.
- » Like the USA, China is land scarce. Unlike the USA, China is capital scarce and abundant in lesskilled and illiterate labor.
- » Is China really land and R&D abundant?
 - > Adjustment for productivity.

Factor endowments

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- » The USA's effective land abundance is about <u>neutral</u> wrt the ROW.
- » According to Table 4-2, this corresponds well to the fluctuations between + and – re food net exports.
- » NB agricultural exports includes other goods such as cotton.

On productivity

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S. food trade, 2000–2009 (billions of U.S. dollars)										
Exports	41.4	42.5	43.2	48.3	50.0	51.7	57.8	75.4	97.4	82.8
Imports	41.4	42.0	44,7	50.1	55.7	61.6	68.9	74.0	81.3	73.8
Net exports	0.0	0.5	-1.5	-1.B	-5.7	-9.9	-11.1	1.4	16.1	9.0
U.S. agricultural trade, 2000–2009 (billions of U.S. dollars)										
Exports	51.3	53,7	53.1	59.4	61.4	63.2	70.9	90.0	115.3	98.6
Imports	39.2	39.5	42.0	47.5	54.2	59.5	65.5	72.1	80.7	71.9
Net exports	12.1	14.1	11.1	11.9	7.2	3.7	5.5	17.9	34.6	26.7

On productivity