

A. Earnings profile: no school B. Earnings profile: with	Earnings Year 1 \$1000	rearn \$1000. As n educated adult earns found by gov't 400.00 Earnings Year 2 \$2000
school C. Earnings gain from schooling	- 1000	+1500

costs vs benefits

costs: indirect costs + direct costs private social (adds in gov costs)

benefits: future + must discount

Private benefits and social benefits

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In this case:
private cost = 100
social cost = 1000+400 (individual cost + government cost)
private gain = 1500/(1+r)
social gain = 1500/(1+r)
calculate dollar gain & cost
gain of return
net private benefit
Assume: interest rate = 10%
= 1500/1.1 -1000
= 364
Private rate of return:
1500/1+r = 1000
r = 50\%
if interest rate is over 50%, then it is loosing money to go to school
net social benefit
= 1500/1.1 -1400
= -36.36 (loss)
Social rate of return:
1500/(1+r) = 1400
R = 7.14\%
Two period model:
Discount of future costs,
NPV calculation:
Interest rate = 15%
= (gain/(1+r))+ (gain/(1+r)^2) - cost
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Drop of saving rate only effect the saving function, and read everything vertically Capital waiving line

Solow model:

Y = C+I

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Y = C+S
=> S = I
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K down due to d
N is positive
SS means K/L unchanged
S = n + d

Population down => giving a new line, and moving the intersection point along the line s>n + d, K/L up, Y/L up

COMBINATIONSI

N down => K/L up, Y/L up, s> n+d S down => K/L down Y/L down, S<n+d

When production line shifts up/down, saving function also shifts up/down

GiveL: PF = $=Y/L = (K/L)^{(1/2)}$ S(MPS) = 0.25

Philippines

Unemployment rate = 2.2%

A majotiey of people are self-employ, lack of stable job. Unstable job, low quality jobs Educations high literacy rate 97.5%, education budget:

Universities enrollment rate 43.6%

New education system.

Promote sex education

Hire more teachers

15% of college graduates cannot find steady work

Create more jobs

Build new infrastructure, such as roads, bridges, and ports