Outlin

Individual Perspective

Family Perspectiv

Mobility

Investment in Human Capital

2012.10.3.

Outline

Individual Perspective

Family Perspective

Mobility

1 Individual Perspective

2 Family Perspective



Outline

Individual Perspective

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Human Capital

What is human capital?

- Pre-school, nutrition.
- Education.
- On-the-job training.

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Human Capital Investments: an individual perspective

Costs

 Out-of-pocket expenses.
 Forgone earnings.
 Psychic losses.

• Benefits

Present-value of Wages.

Individual Perspective

Demand for College Education

為什麼要念大學? 成本效益分析。 Costs

- Tuitions, books, living costs.
- Earnings as a high school graduates.
- Psychic costs of learning.

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Benefits

- Increases in Earnings.
- Campus life. 由你玩四年
- Benefits from marriage market and social network.
- 求知的樂趣。
- 貢獻大學於宇宙的精神?

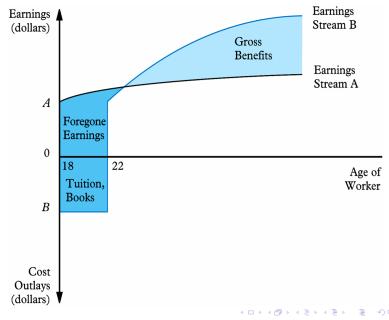
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Figure 9.2: Alternative Earnings Streams



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- Individual Perspective
- Family Perspective
- Mobility

Predictions

- Present-oriented people are less likely to go to college.
- Most college students will be young.
- College attendance will decrease if the costs of college rise.
- College attendance will increase if the gap between the earnings of college and high school graduates increase.

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Returns to Educaiton

- Earnings by education
- Rate of return to education.
- In terms of regression, Log(earnings)=f(schooling, experience, other X's)

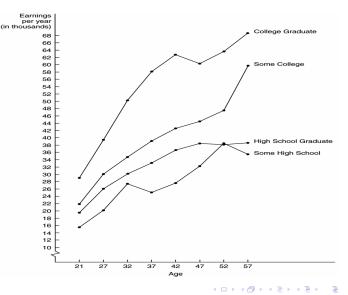
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Figure 9.3: Money Earnings (Mean), for Full-Time, Year-Round Male Workers, 1997



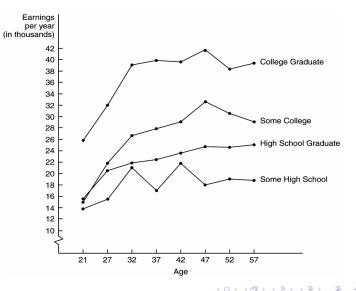
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Figure 9.4: Money Earnings (Mean), for Full-Time, Year-Round Female Workers, 1997

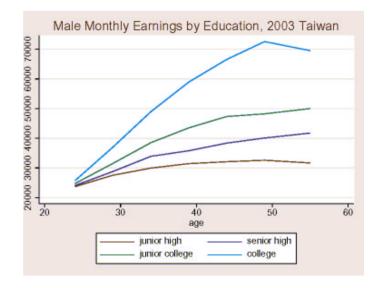


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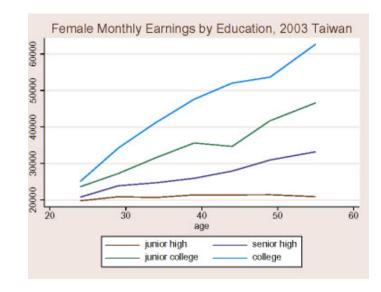
Family Perspective



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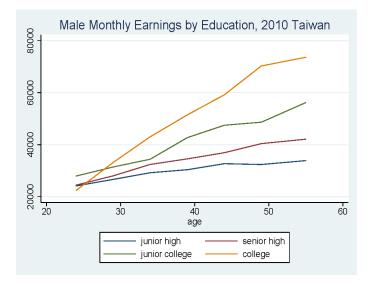
Family Perspective



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Family Perspectiv



Outline

Individual Perspective

Family Perspectiv







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Family Perspective

- 什麼是商品?
- 教育為什麼不可以是商品?
- 誰從非商品化的教育中得利?

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• 念大學的願付價格如何決定?

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• 大學的需求線?

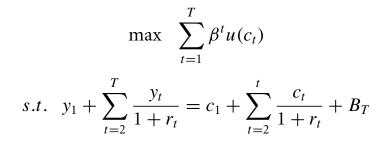
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Lifetime Utility Maximization



- choose y_t, c_t, B_T .
- What is in $u(\cdot)$?

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A Family Perspective

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Three channels of inter-generational transfers,

- Human capital investment.
- Inter-vivos transfers. (贈與)
- Bequests.(遺產)

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- Parents face trade-offs among choices of consumption today, consumption tomorrow and children's consumption tomorrow.
- Children's consumption tomorrow depends on their income tomorrow, which is highly related to human capital they possess, and transfers (including bequests) from parents.
- Usually, the returns to education is higher than market interest rate when the level of human capital is low. Therefore, parents will invest in human capital first.
- There is diminishing returns to education.

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Three cases on the amount of human capital investment.

- 1 For rich parents and parents who love their children enough, human capital investment is efficient in the sense that the return to education is equal to interest rate. And they make transfers to children.
- 2 For poor parents and parents who do not love their children enough, human capital investment is not efficient in the sense that the return to education is still higher than market interest rate. They do not make transfers to children.

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3 For parents in between, they do not make transfers to children and the human capital investment is efficient.

Case 2 is not efficient.

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公務員子女的人力資本投資較多,為什麼?

- 價格效果。
- 所得效果。
- 公務員的未來沒有不確定性,不需在子女教育和 老年生活之間做選擇。

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Given the differences in the initial conditions among families, people make decisions on the types and amounts of transfers.

- How do transfers affect the differences between family lines?
- In other words, what determines the intergenerational mobility?
- What government should do to change the mobility?

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- And what government can do to change the mobility?
- 低學費以保障窮人子女的升學(向上流動)機
 會?
- 低學費和流動的關係是什麼?
- Another factor that affects mobility is assortative mating in the marriage market.