

National Transfers Accounts

Spain 2000

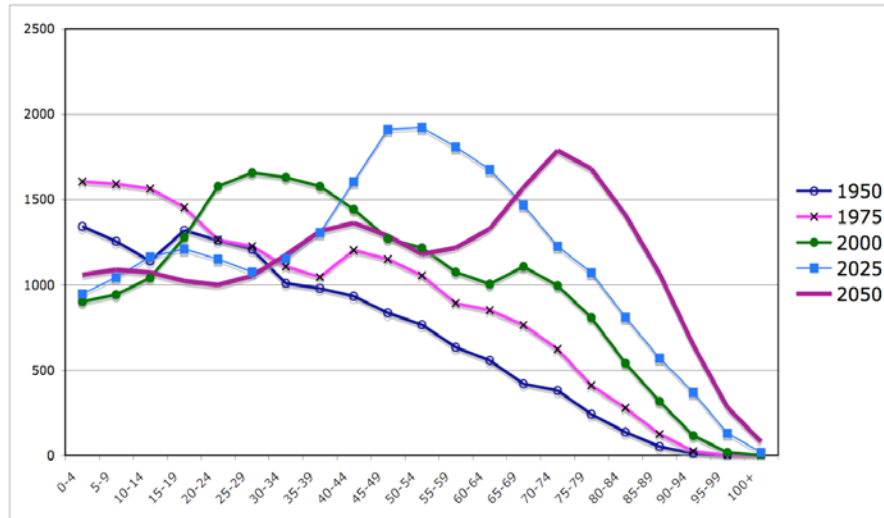
Elisenda Rentería Pérez

39th Summer Seminar / East-West Center,
Honolulu, Hawaii
June 2008

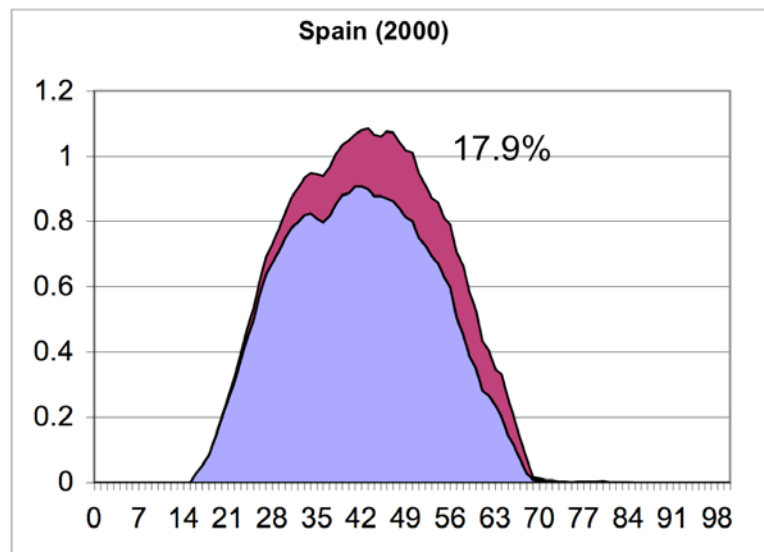
Spain 2000

- Population
 - 2000: 40.499.000 hab
 - 2006: 44.708.000 hab
- Growth in Population due to recent migration
 - Foreigners in census:
 - 2000: 923.879
 - 2006: 4.144.166
- TFR : 1.234
 - 1998 - 1.155
 - 2006 - 1.382
- e_0 :
 - Women - 82.46
 - Men - 75.64

Evolution of Age Structure

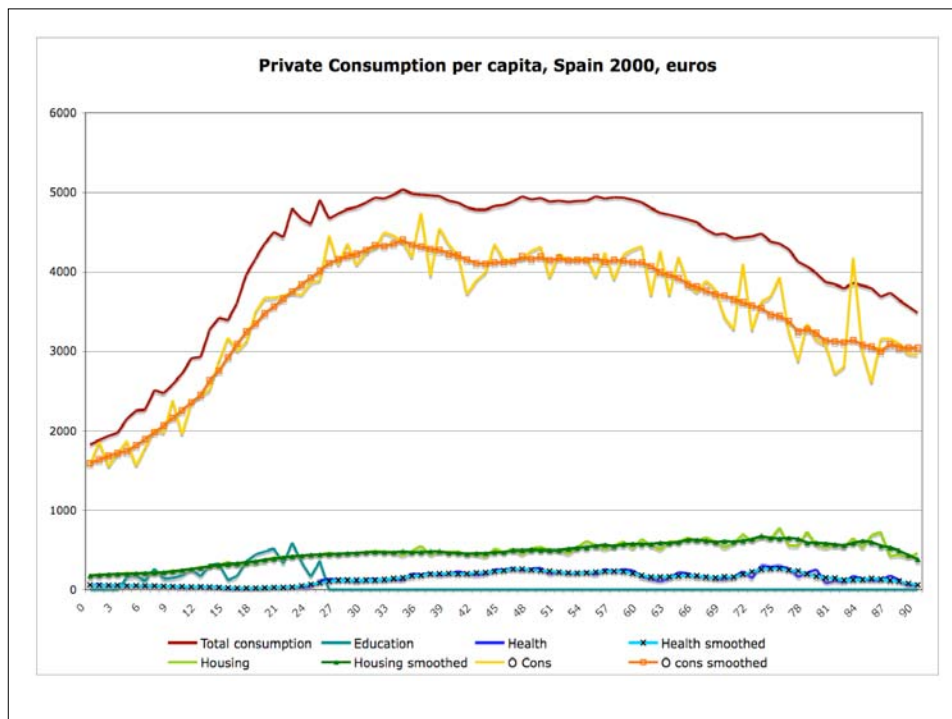


Labor Income



Private Consumption

- Health
 - It includes Private Health insurances
 - Regression method
 - I tried to adjust the regression using utilization rate from public health, but the shape of the profile was almost the same.
- Education
 - Only includes tuitions.
 - Consumption on books and other education related items doesn't change the shape.
 - I don't have enrollment rate for those who are less than 16 years-old. I used global enrollment rate.
- Other consumption - equivalence scale



Public Consumption

- Generational Accounts profiles

Concepció Patxot, Guadalupe Souto

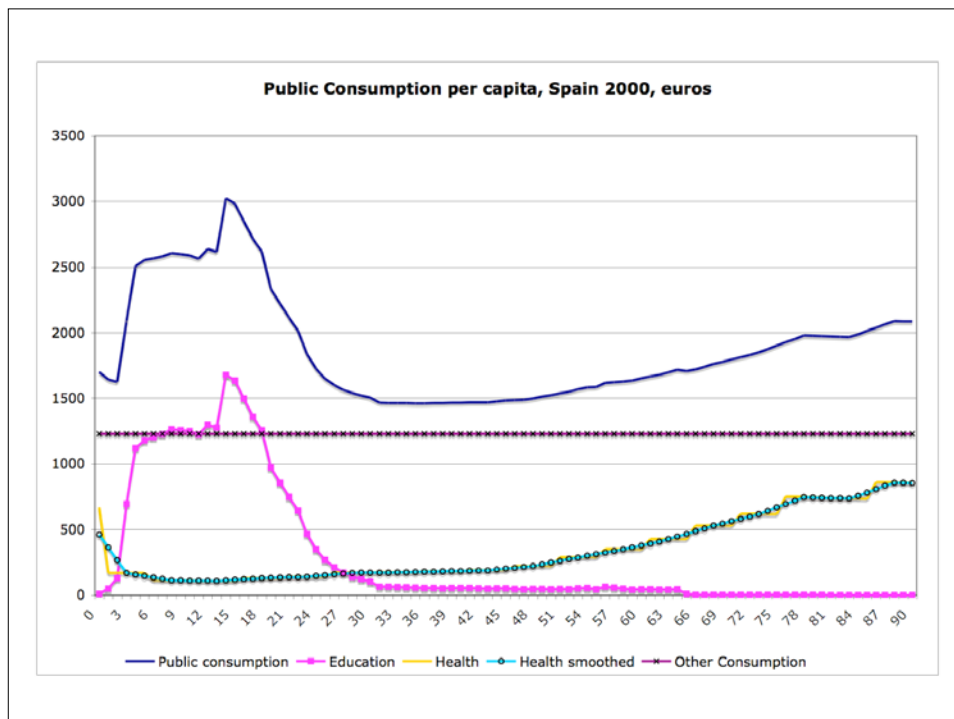
- Health

- Using profiles from Ahn, Alonso-Meseguer y Herce (2003). They used hospital processes expenditures. It represents 50% of public consumption.
- They allocate pregnancy costs to the children.

- Education

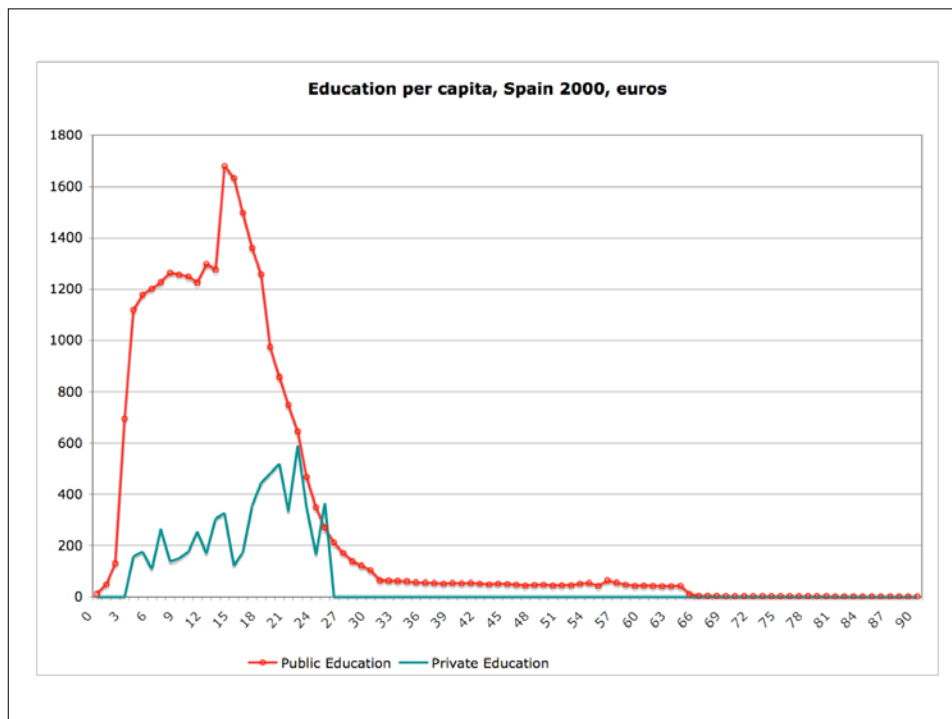
- Official data for enrollment rates
- Consumption by level of education was distributed to specific group ages. The other was distributed relative to the consumption weight of each level.

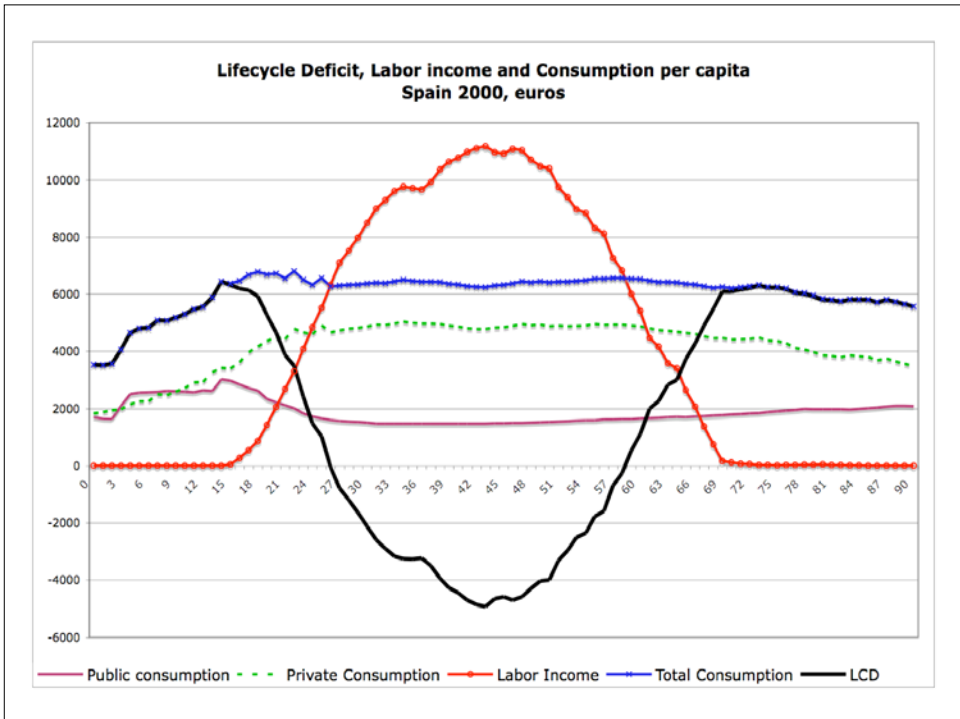
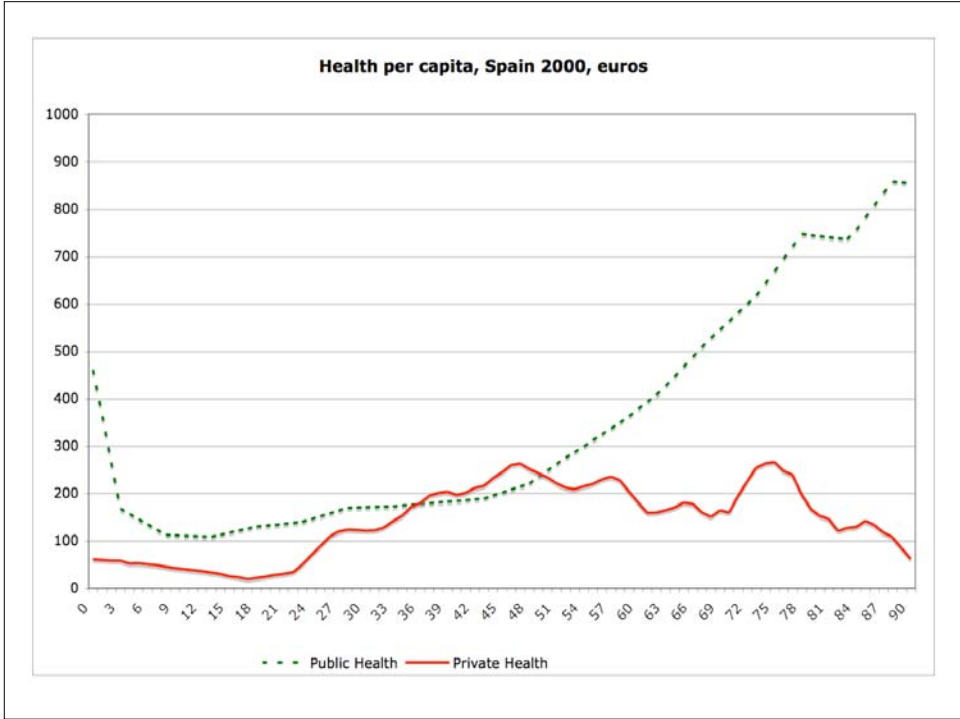
- Others - per capita



Issues to look forward

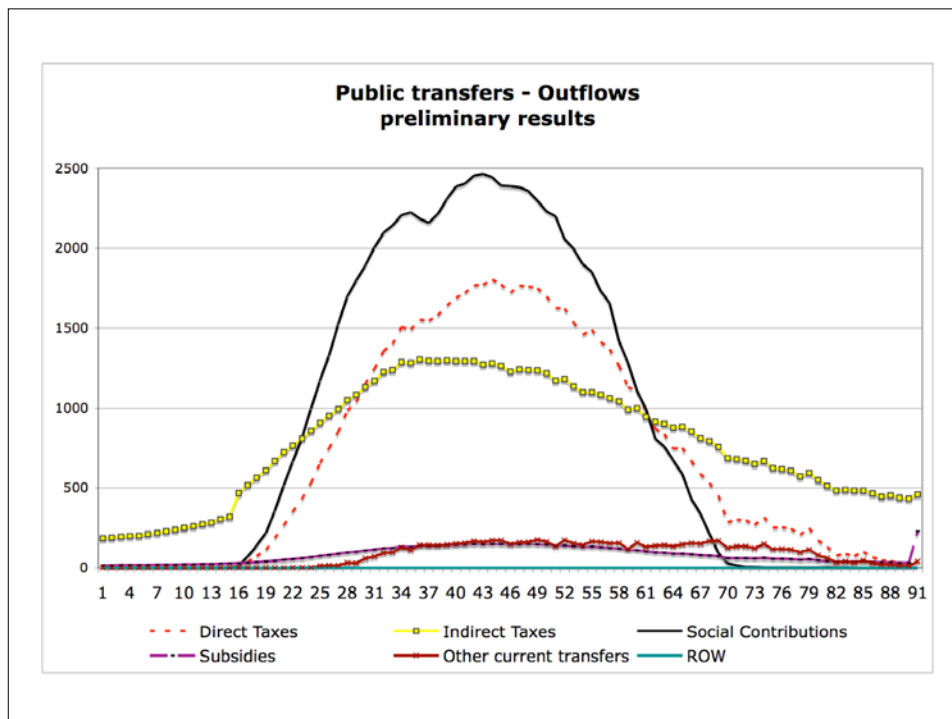
- What about long-term care?
 - Included in other public consumption?
- Adjust pregnancy costs to NTA (allocate to the mother)





Public Transfers

- Preliminary results of the outflows
- I used the Public aggregate table to allocate age profiles of the outflows.
- VAT is different among products. It should be better to create separate age profiles for each.
- Create different age profiles for specific taxes.



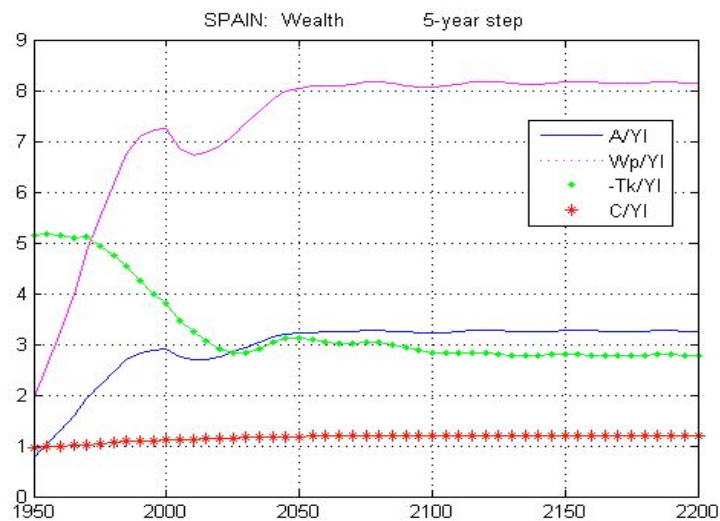
Demographic Dividends

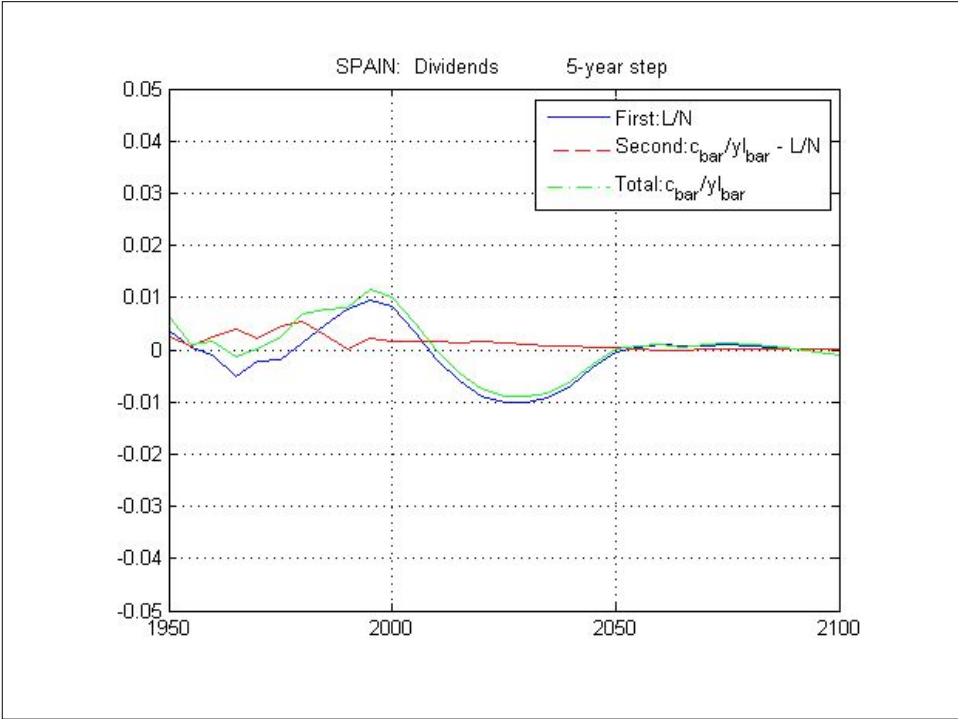
- Assumptions:

- Share of family transfers to the children is $2/3 = 0.67$
- Share of public transfers to the elderly (pensions) is 0.4 or 0.6 (two simulations)
- I tried two horizons of Total Fertility Rate: 1.6 and 1.85, but it didn't change much the demographic dividends.

- First scenario:

TFR : 1.6 Share of Pensions: 0.6





● 2nd scenario:

TFR: 1.6 Share of Pensions: 0.4

