

# National Transfers Accounts

## Spain 2000

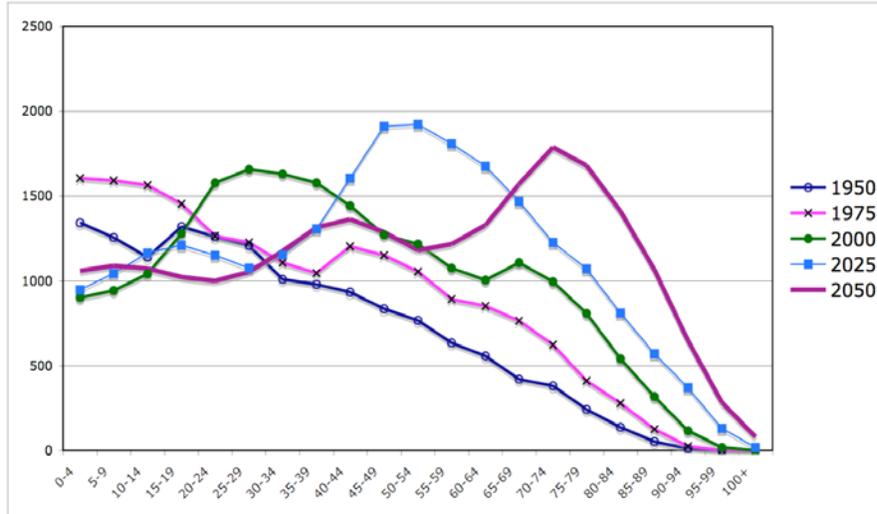
Elisenda Rentería Pérez

39th Summer Seminar / East-West Center,  
Honolulu, Hawaii  
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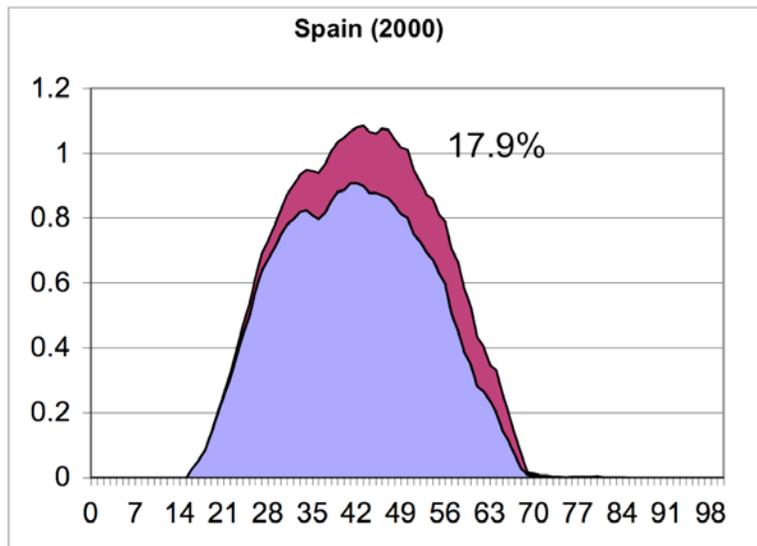
## Spain 2000

- 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

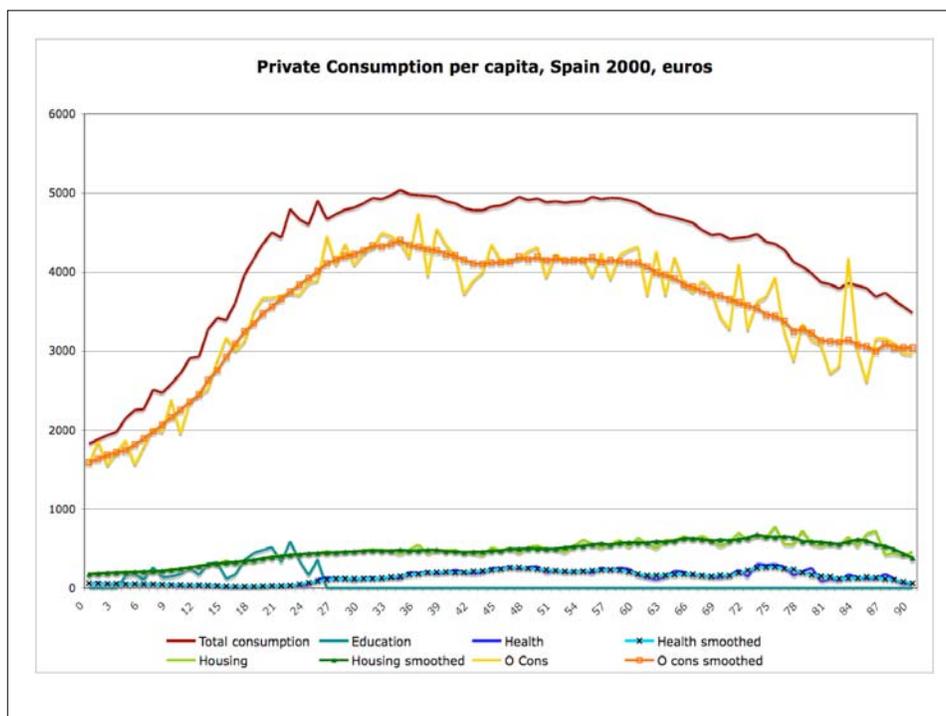


# Labor Income



# 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

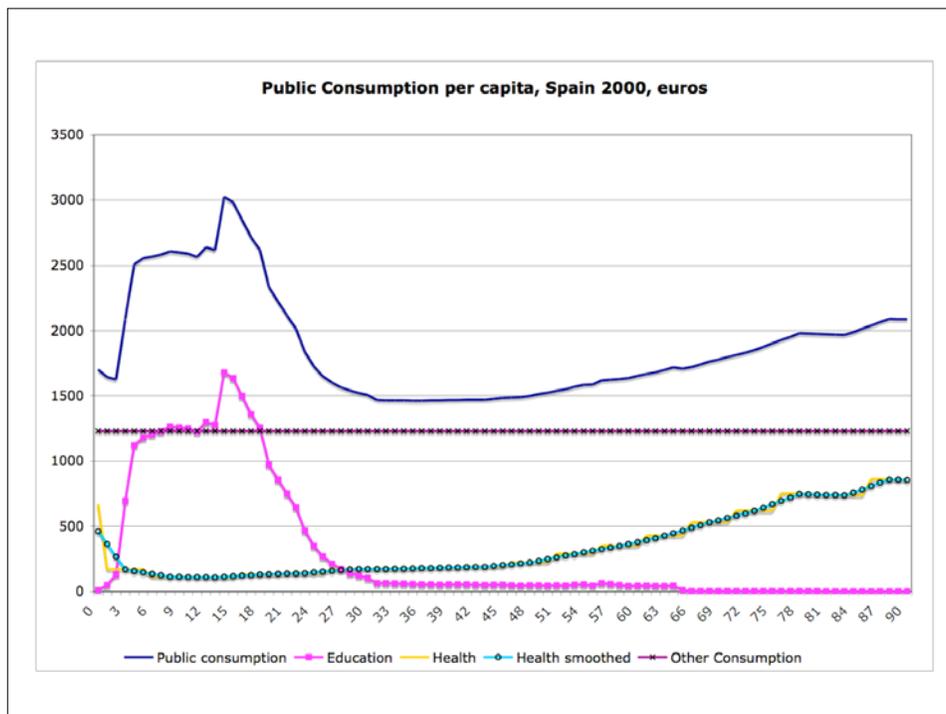
- Health

- 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

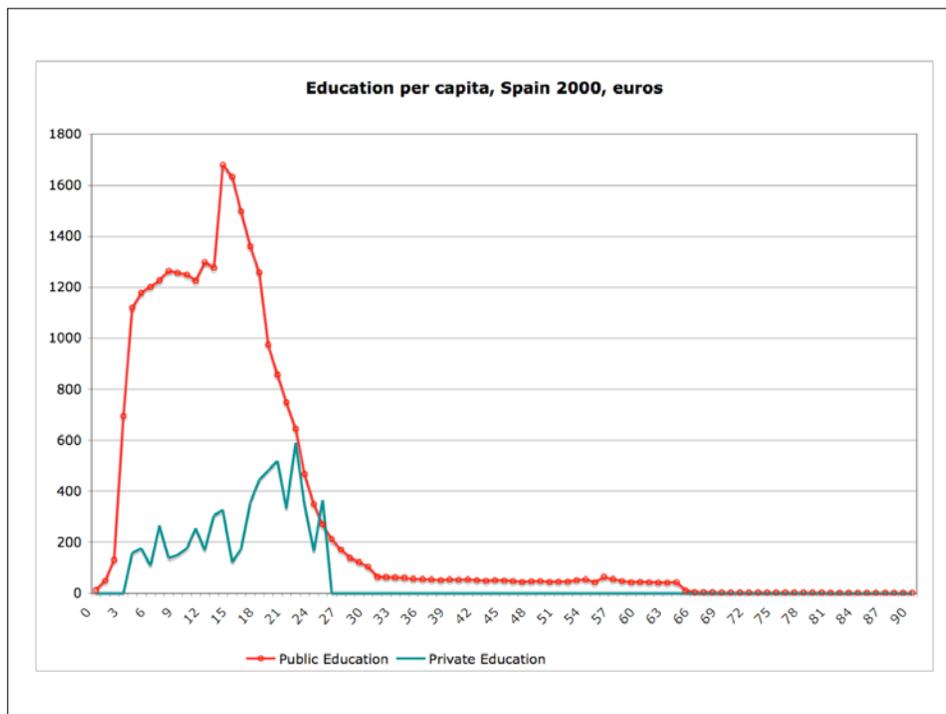
- Official data for enrollment rates
- Consumption by level of education was distributed to specific group ages. The other was distributed relative to the consumption weight of each level.

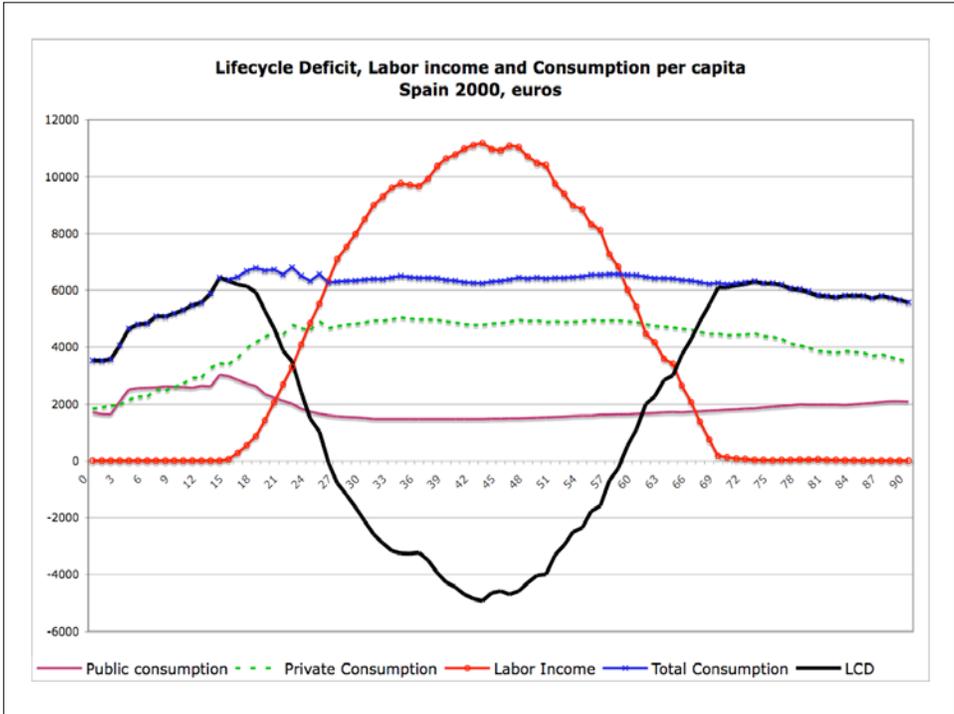
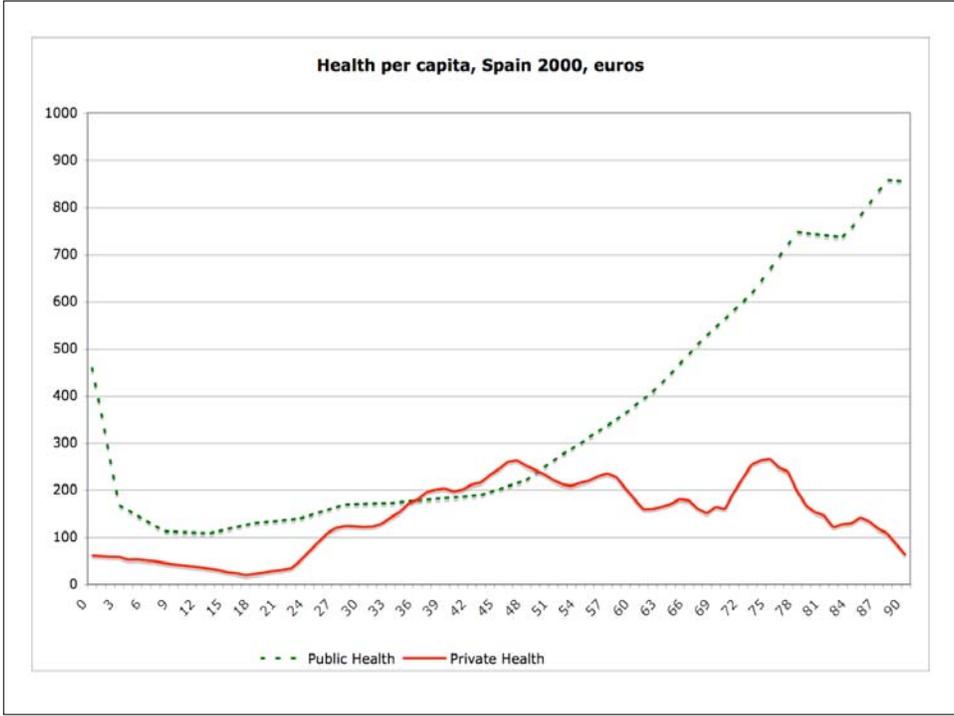
- Others - per capita



## Issues to look forward

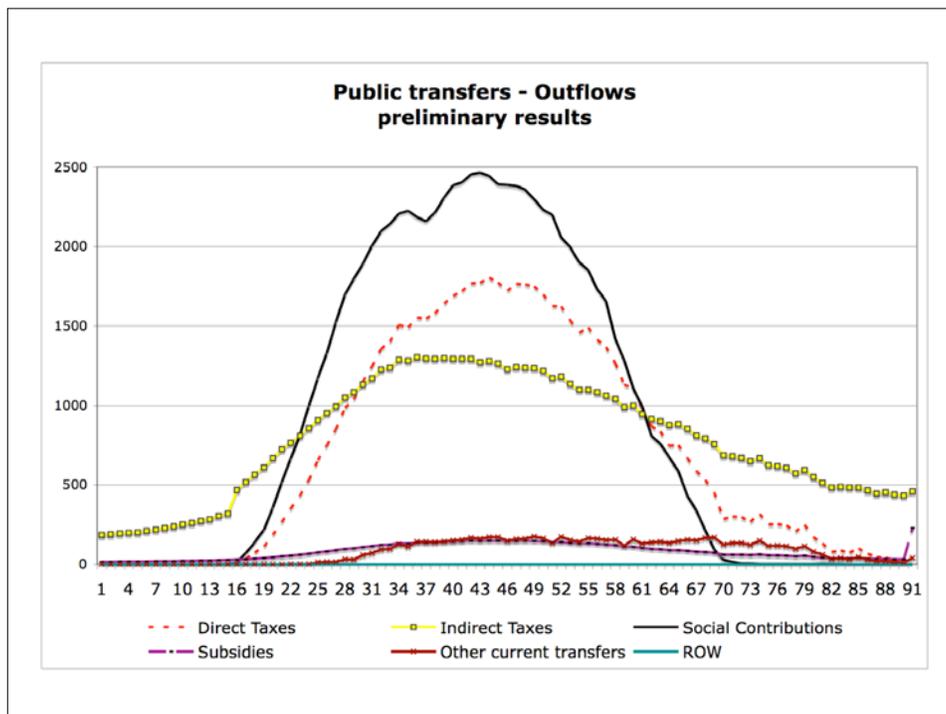
- What about long-term care?
  - Included in other public consumption?
- Adjust pregnancy costs to NTA (allocate to the mother)





## Public Transfers

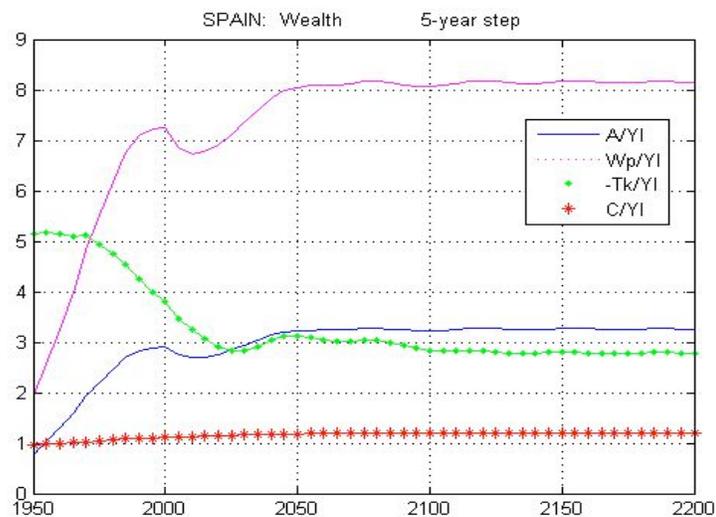
- Preliminary results of the outflows
- I used the Public aggregate table to allocate age profiles of the outflows.
- VAT is different among products. It should be better to create separate age profiles for each.
- Create different age profiles for specific taxes.

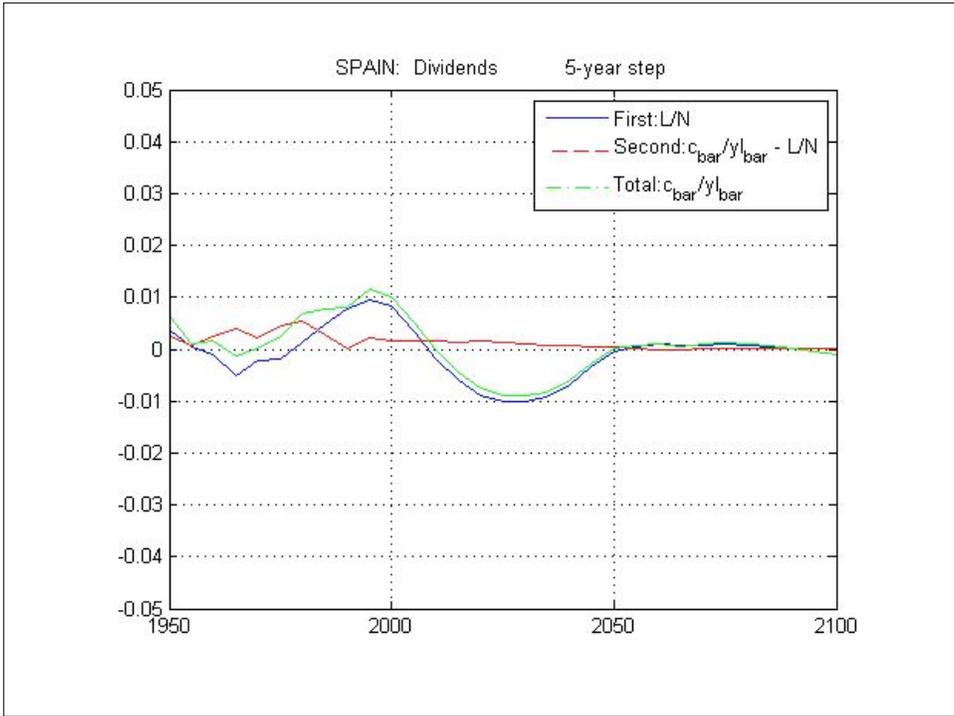


## Demographic Dividends

- 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

