Estimating Bequests and Asset Transfers

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Overview

 Some assets are transferred from one generation to the next through bequest but some are transferred well before death.

 This may be particularly true in societies where adult children and their parents coreside

Overview

 Assets may transferred when the headship is transferred from one generation to the next (household succession)

Overview

Using data of 17 countries, Mason et al. (2011) found that asset income of working-age adults is much greater than can be attributed to their observed saving. They rely on bequests and asset transfers.

Issue

 Documenting the extent and the timing of asset transfers is a difficult task because many transactions occur within the household and undocumented.

Timing of a transfer can be unclear

Objective

 To describe a method to model the intergenerational transmission of assets due to generational succession.

- Intergenerational transmission of wealth is captured with reference to changes over time in the number of households and the age of their head.
- Household head by assumption holds the assets of the household.

- Assets will be transferred from an old household to a new household when:
 - a new member becomes the head
 - household merges into another household
 - household dissolves

 Bequest outflows, all transfers that result from demise of a household aged a:

$$B_{at} = (1 - l_{at}^k) K_{at}$$

where

 l_{at}^{k} is the survival rate for capital of individual age a in period t K_{at} is the capital,

where the survival of capital is:

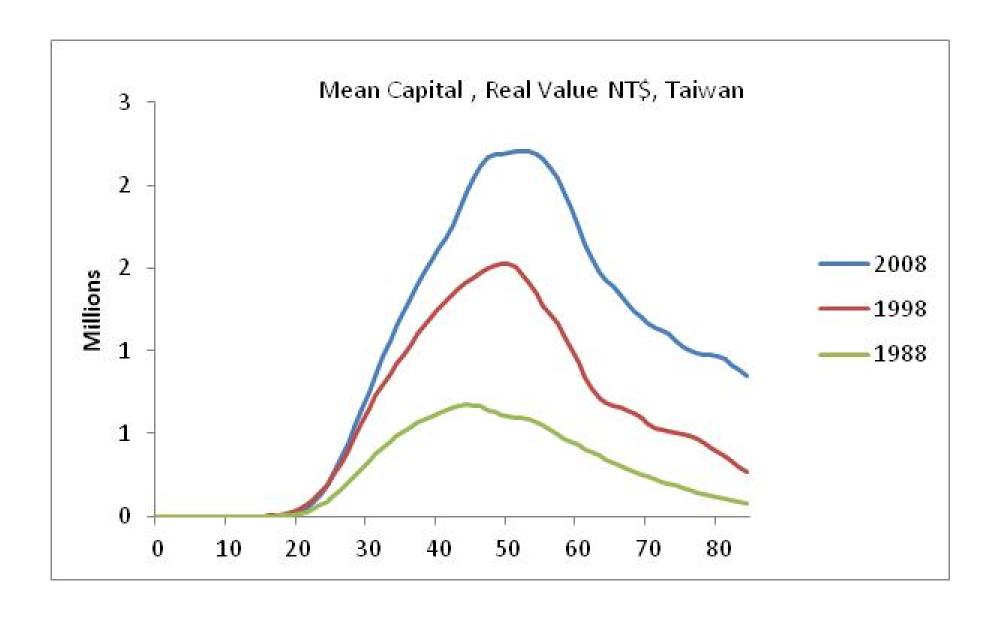
$$l_{at}^{k} = l_{at}^{h} + \rho_{kl} C V_{k} \sqrt{l_{at}^{h} (1 - l_{at}^{h})}$$
(2)

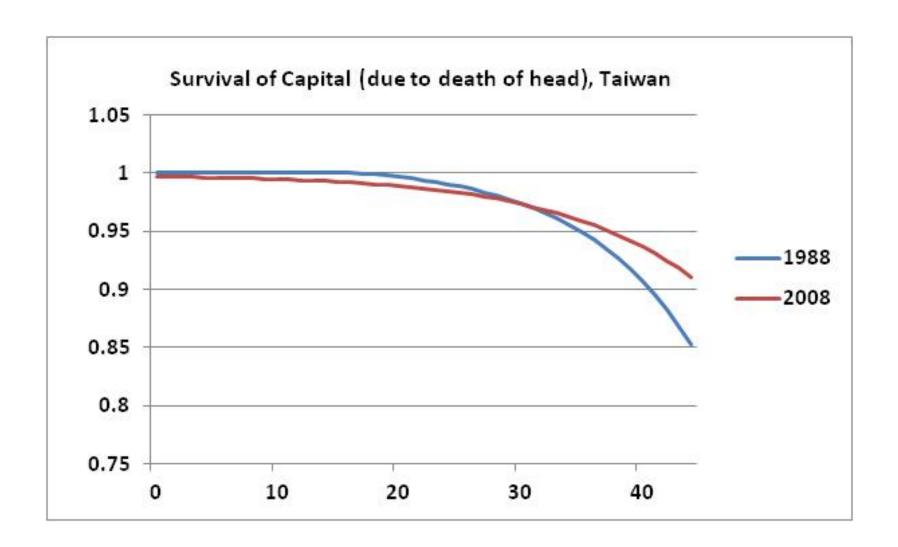
where

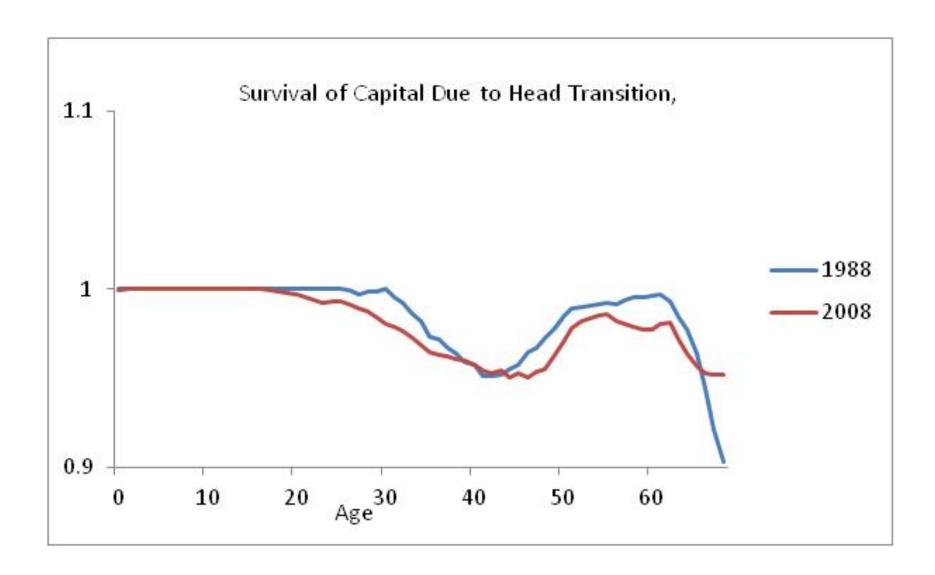
 l_{at}^k is the survival rate for capital of individual age a in period t l_{at}^h is the survival rate for household head ρ_{kl} is the correlation between survival rate of head and capital CV_k is the coefficient of variation

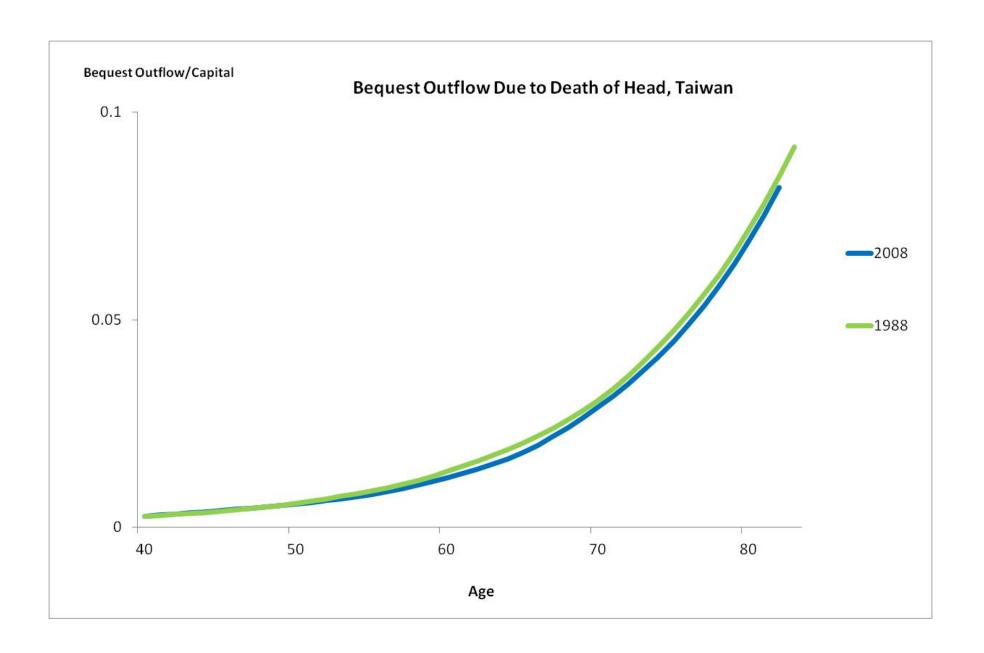
Data

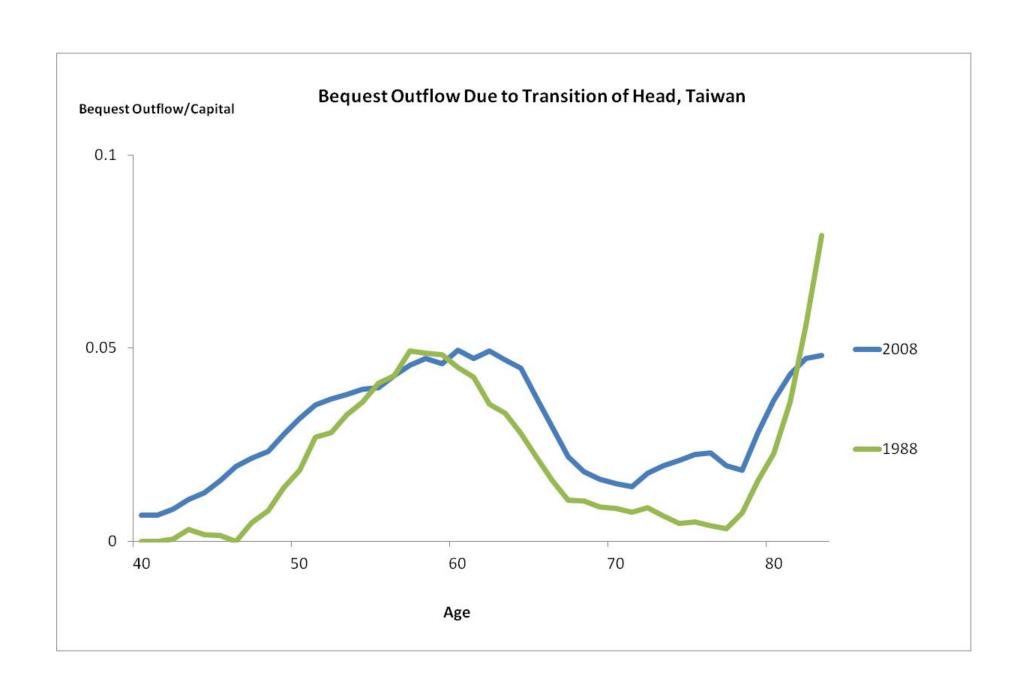
 Taiwan Family Income and Expenditure Survey

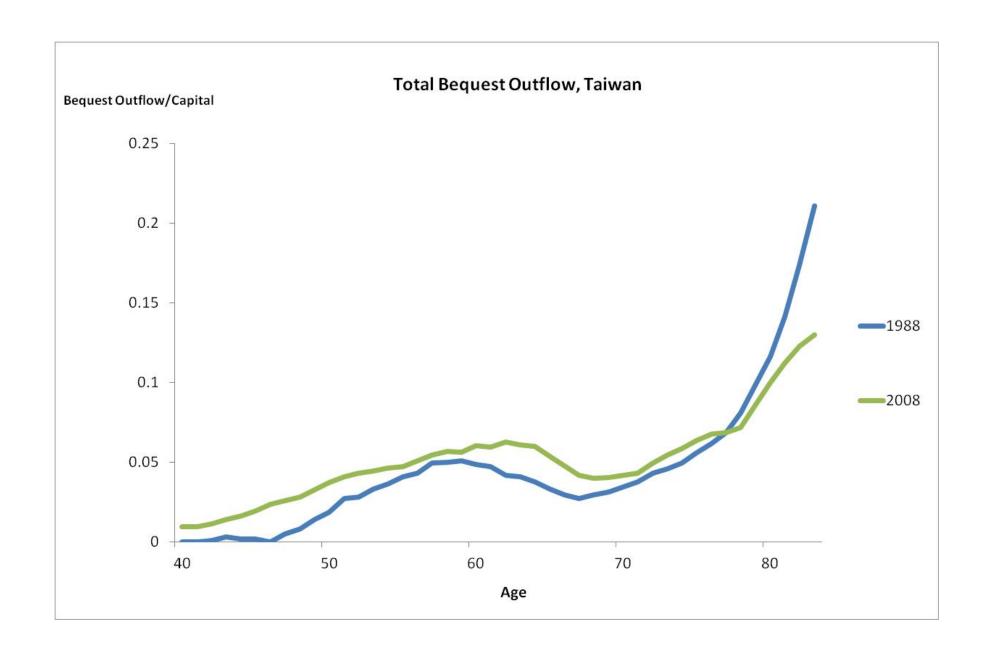






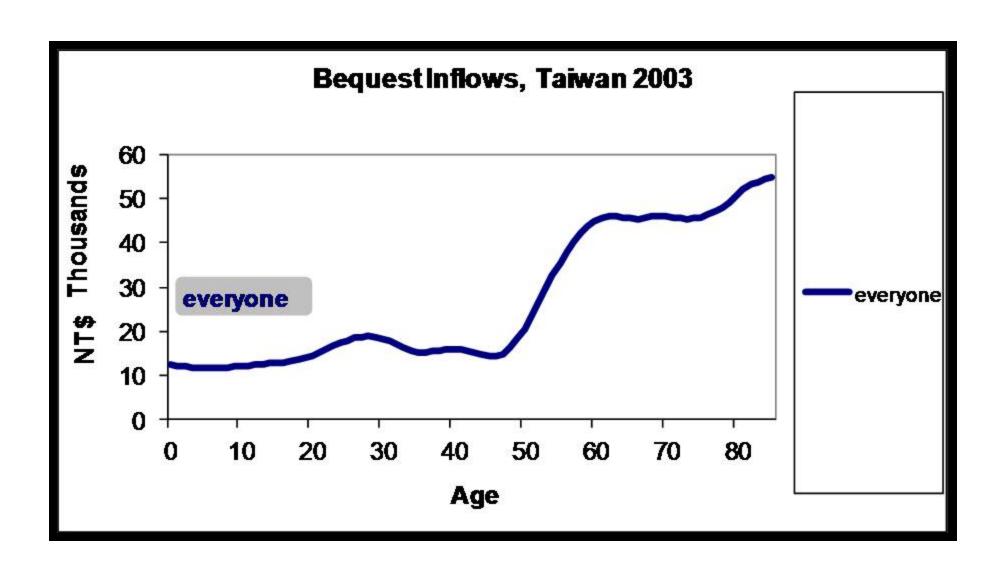


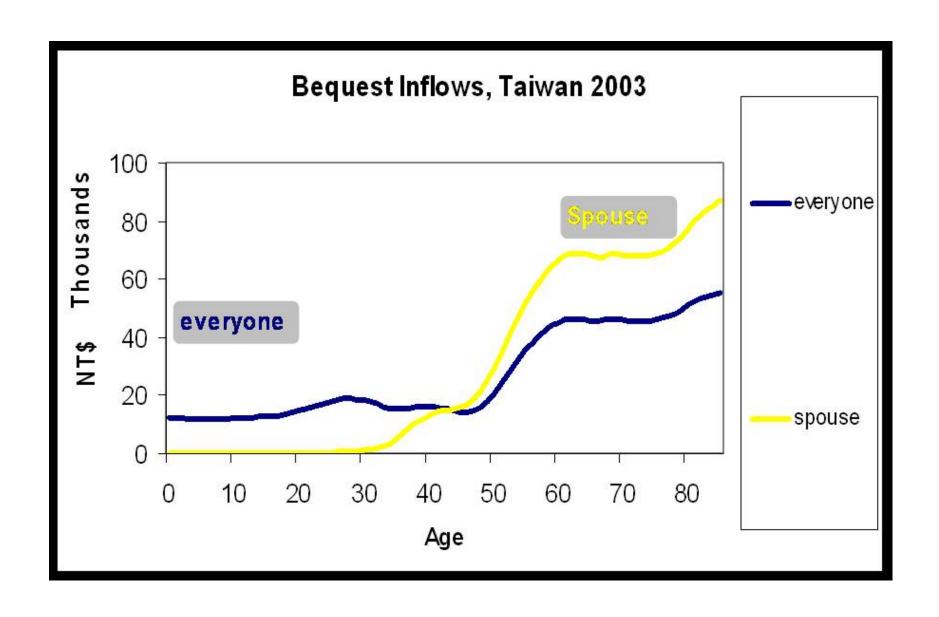


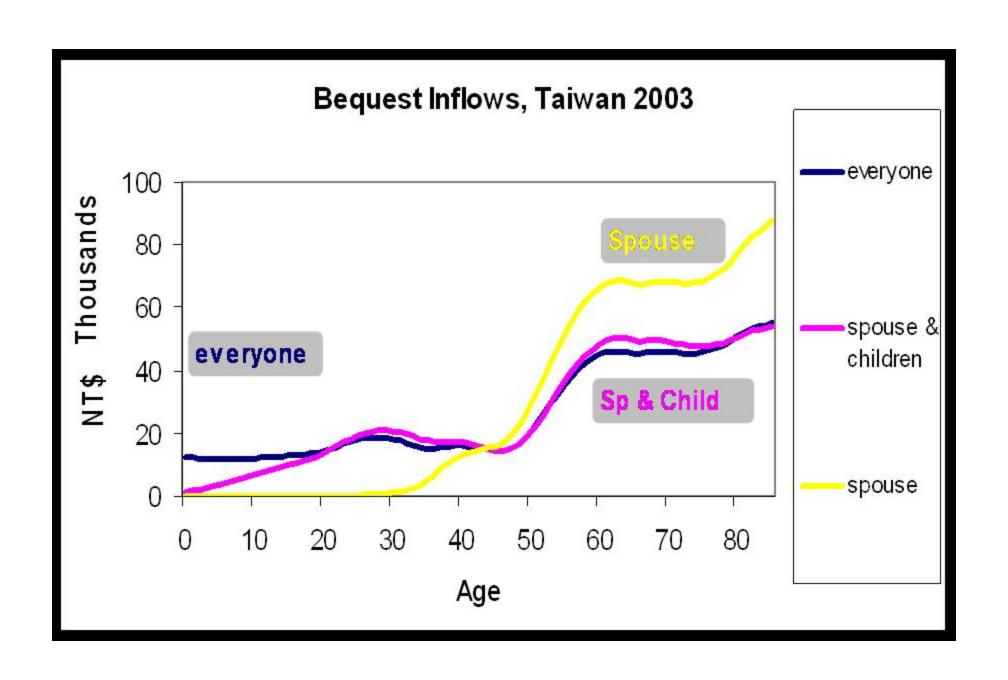


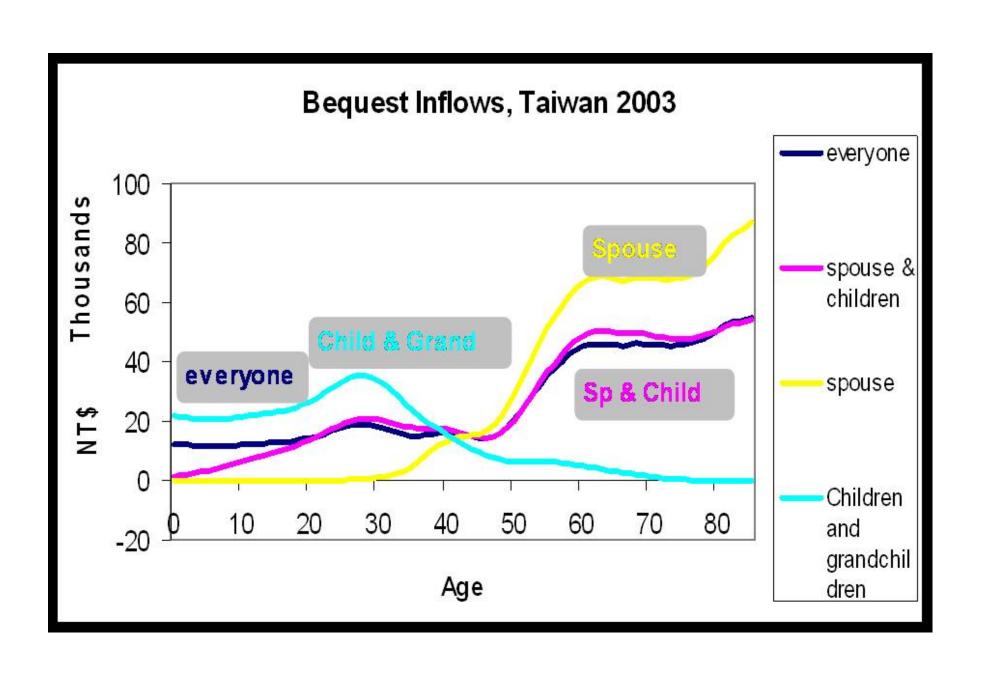
Who gets the bequests?

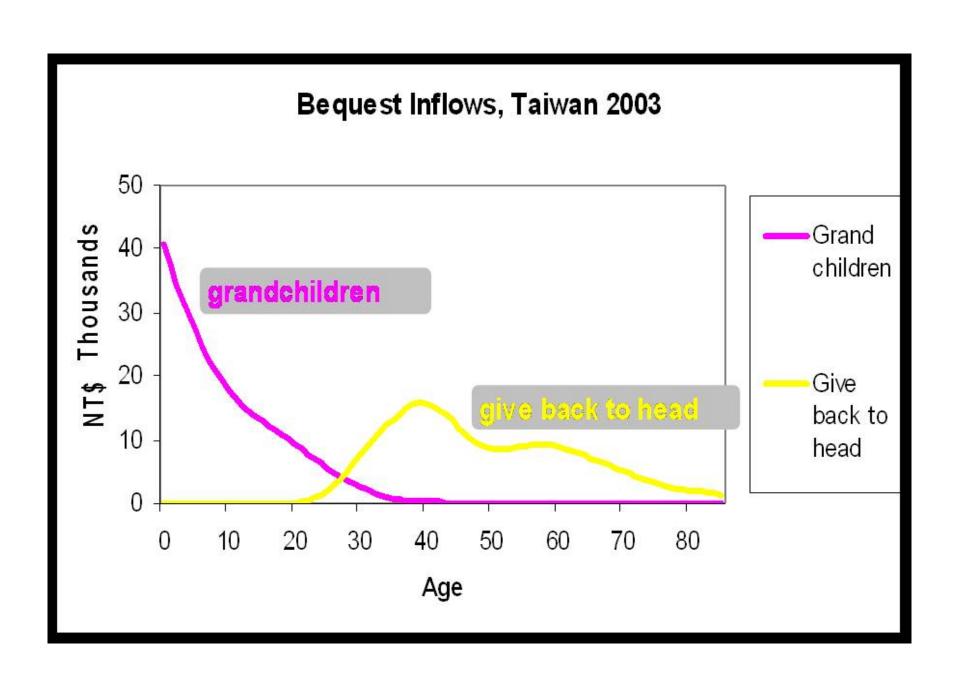
Trying on different methods.











Thank you

welcome suggestions & comments

Figure 9.1 Asset-based flows, persons 18 and older, simple average of values: 17 countries around 2000



Source: Mason et al (forthcoming)