Institute for
FUTURES STUDIES

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Data

Statistics Sweden Time Use Studies

1990-1991, 2000-2001, 2010-2011

- Data have been collected by time diaries for one workday and one day in the weekend randomly selected over the year.
- The sample of individuals has been selected randomly in age strata and if married the spouse has also been included.
- Total sample size is about 6 000 individuals.
- Important for us is that there is also an elderly sample 65-84.

Special problems

- The time use surveys only include the adult population and children are viewed as objects of time use and not as subjects that actually can contribute to household production.

- The data only record time outflows to other households but we do not know to which age group this is a time inflow.

  Elderly care for example is known from other sources to be a very substantial part of time reallocation across generations, but with this data we can not trace recipients of such time outflows.

HETUS (Harmonised European Time Use Studies)

- We will use this data for European comparisons.

- European NTA countries is included in the HETUS population: UK, France, Spain, Germany, Slovenia, Sweden and Finland.

Wages

Statistics Sweden Time Use Studies & HETUS

- 2000-2001 and 2010-2011 include wages

LINDA

- Register-based longitudinal data set from 1960
- Covers 3% of the total population.

- From LINDA we can estimate wages, based on age, sex, education, family constellation and other background variables that are included in time use studies.

Project plan

- The first task for the project is to work out how to integrate time use data with general NTA methodology.
- Use data from the Swedish Time Use Survey 2000/01 as a benchmark year.
- When we are satisfied that we are able to derive reliable age profiles for time transfers the same methodology will be applied to the Swedish Time Use Studies 1990/1991 and 2010/2011.

- Use the HETUS data base for construction of European NTA time use data.

- Alongside the empirical work our agent based model, IFSIM will be developed to include capital market modules as well as time use modules allowing for incorporating the empirical findings and testing the mechanisms inferred from this.