Eva Hagsten, January 2014
„Export behaviour of SMEs in the Swedish computer service industry“
Information on Stata command and data access

*variables:
*nq: gross value of output in nominal prices
*e: employment measured in full-time equivalents
*dnx : export dummy
*size_2: size dummy for firms between 10 and 49 employees
*size_3: size dummy for firms between 50 and 249 employee
*young5:firm five years or younger for given year
*frgn_ownlag1: foreign owned firm lagged on year
*hkpclag1: Share of workers with tertiary degree lagged on year

```
replace size=1 if e>=0 & e<=9
replace size=2 if e>=10 & e<=49
replace size=3 if e>=50 & e<=249
replace size=4 if e>=250
gen sme=.
replace sme=0 if e>=250
replace sme=1 if e<250
gen dnx=.
replace dnx=0 if nx>=0
replace dnx=1 if nx>0
gen nqe=nq/e
gen lnnqe=log(nq/e)
sort firmid1 year
by firmid1: gen  frgn_ownlag1= frgn_own[_n-1]
sort firmid1 year
by firmid1: gen lnnqelag1= lnnqe[_n-1]
sort firmid1 year
by firmid1: gen  hkpclag1= hkpct[_n-1]

xtlogit dnx size_2 size_3 young5 frgn_ownlag1 hkpclag1 yr_3 yr_4 yr_5 yr_6 yr_7 yr_8 yr_9
yr_10  if sme==1,fe
mfx, predict(pu0)

xtlogit dnx    size_2 size_3 young5 frgn_ownlag1 hkpclag1 lnnqelag1   yr_3 yr_4 yr_5 yr_6
yr_7 yr_8 yr_9 yr_10  if sme==1,fe
mfx, predict(pu0)
```

Data access:
sources:

- Swedish Business Register
- Education register
- Structural business statistics
- VAT database for exports of goods and services

(all linked)

Access to the data
Confidential Firm level data can be accessed via a remote access system called Microdata Online Access (MONA) (://www.scb.se/mona-en/). In general, access is provided to researchers affiliated to higher education or research institutions. A written request has to be sent to Statistics Sweden. The application should contain a project description and a statement of ethical review board attached.