

```

* Topics...course
* Working with the ESS data;
* 20.9.2012 Risto Lehtonen;

*(1) Open the SAS software;

*(2) Let us transform the SPSS data file ESS into SAS data file ESS;

* Transforming SPSS data into SAS format;
* file -> import data -> SPSS- file ...etc.;

*(3) Program codes to be written into the Edit window;

* Variable list;
proc contents data=ess position;
run;

* Frequency Distribution and histogram;
proc freq data=ess;
tables trstprl--trstun / plots=all;
run;

proc freq data=ess;
tables gndr*(trstprl--trstun) / plots=all;
run;

*Chi-squared test statistics;
proc freq data=ess;
tables gndr*(trstprl--trstun) / plots=all chisq;
run;

* Principal components;
proc princomp data=ess out=ess data=ess prefix=PC plots=all;
var trstprl--trstun;
run;

* Linear regression;
proc surveyreg data=ess plot=all;
class gndr;
*model pcl=gndr;
*model pcl=agea;
model pcl=gndr agea / anova solution;
*model pcl=gndr agea gndr*agea;
output out=ess pred=predicted;
run;

* Plot predicted against age for each gender;
proc gplot data=ess;
plot predicted*agea=gndr;
run;
quit;

```

Selected ESS data of Finland: **ESS5_Finland-selection.sav** (24.8.2012/KV)

Question **codes** (see codebook **ESS5Source_Mainquestionnaire.pdf**),
variable **names** and **numbers** (see data) and some descriptions
(details: see codebook):

Core A1 - A10 Media; social trust

A1 = tvtot (2)

...

A10 = pplhlp (11)

Core B1 - B40 Politics, including: political interest, efficacy,
trust, electoral and other forms of participation, party
allegiance, socio-political orientations

B1 = polintr (12)

...

B40 = imwbcnt (50)

Core C1 - C36 Subjective wellbeing, social exclusion, religion,
perceived discrimination, national and ethnic identity

C1 = happy (51)

...

C23 = pray (67) (rest of C variables removed)

D1-D45 Trust in the Police and Courts, including: confidence in the
police and courts, cooperation with the police and courts, contact
with the police and attitudes towards punishment.

D1 = insclwr (68)

...

D45 = troff5y (112)

Core F1 - F70 Socio-demographic profile, including: household
composition, sex, age, marital status, type of area, education &
occupation of respondent, partner, parents, union membership and income.
(only a few essential background variables selected)

F2 = gndr (113) respondent's **GENDER** (1=male, 2=female)

F3 = yrbrn (114) respondent's **YEAR OF BIRTH**

F15 = edlvdfi (115) respondent's **EDUCATION** (Finnish classification)

agea (116) respondent's **AGE** (in years, readily computed)

F58 = edlvdfi (117) father's **EDUCATION** (Finnish classification)

F64 = edlvmdfi (118) mother's **EDUCATION** (Finnish classification)

G1-G88 Work, Family and Wellbeing, including: impact of the
recession on households and work, job security, housework,
wellbeing, experiences of unemployment and work-life balance.

G1 = gdsprt (119)

...

G88 = plnchld (179) (some variables removed)

Supplementary Section H Human values scale

(**not described in codebook; all of form "Important to..."**)

ipcrtiv (180)

...

impfun (200)

Supplementary Section I Test questions (**removed**)

Section J Interviewer self-completion questions (**removed**)

(Weight variables **dweight** and **pweight** are not needed in analysing
Finnish data, as they are related to the European sampling scheme.)