Day 1 EU-LFS: Practical Training Session I: Data Structure & Data Management

Exercise 3 Employment patterns and migrant status of couples living in the same household

3.1 Specify the % of couples; in which
(a) both are working full-time
(b) both are working part-time
(c) both are outside labour market or unemployed
(d) one is working full-time, one is working part-time

3.2 Specify the migrant status of couples
(a) Both migrants
(b) One migrant, one native
(c) Both native

3.3 Specify the working home patterns of couples

Aim: Familiarize yourself with the features of the EU-LFS in order to create your own couple file

Data: yearly file 2021 (release 2022)

Variables needed

- Identifiers : ountry, hhnum, hhseqnum
- Weights: coeffhh, coeffhhavg
- hhlink Relationship to the reference person in the household
- hhspou Person number of partner
- hhpartnr Cohabiting partner lives in the same hh (derived variable)
- Intquest Questionnaire used
- sex Sex
- age_grp Age groups
- ilostat ILO work status
- ftpt Full time/part time (self defined)
- temp Permanency of main job
- stapro Status in employment in main job
- omework Working at home for the main job
- countryb Country of birth

Step 0 Open data; yearly file 2021

Step 1 Drop countries with no household information available CH; IS.

Step 1a: Drop additional subsample respondents (intquest = 10)

Part 1 – Prepare your data

Step 2: Generate the new variables you would like to use later on in your couple file

(a) Employment pattern

Version 1: Combine employment (ilostat) and working time (ftpt)=> 3 categories

1) employed/full-time
2) employed/part-time
3) outside labour market or unemployed

Optional Version 2: Version 1 & contract type (temp) => 5 categories

1) employed/full-time/permanent
2) employed/full-time/temporary
3) employed/part-time/permanent
4) employed/part-time/temporary
5) outside lm or unemployed

(b) Migrant status (countryb)

Create a dummy variable: native born/migrant

(c) Working home pattern (homework)

Create a dummy variable: yes (always/sometimes); no (never)

SAVE YOUR WORK

Part 2 – Prepare your couple file

Step 1: Keep only persons cohabiting with a partner (hhspou > 0), any issues?

Step 2 Save your data => **couple_only.dta**

Step 3 Use couple_only.dta to generate a file including only men;

- rename the variables for the men file, use the ending '1' for male
- save the men file => **couple_m.dta**

Step 4 Use couple_only.dta to generate a file including only woman

- rename the variables for the women file, use the ending '2' for female
- save the women file => **couple_f.dta**

Part 3 – Merge men and women file

Step 1: Merge men and women file using country hhnum hhspou

please note: hhhspou of one partner refers to the hhseqnum of the other partner

Step 2: Restrict your sample to couples where both partners are in the age range 25-59

Step 3: Save your data => **couple_mf.dta**

Part 4 – Combine the variables created in part 1 to new couple variables

Step 1 Create a new employment variable (4 categories)

(1) both are working full-time
(2) both are working part-time
(3) both are outside labour market or unemployed
(4) one is working full-time, one is working part-time

Step 2 Create a new migrant status variable (3 categories)

(1) both migrants
(2) one migrant/one native
(3) both native

Step 2 Create a new workhome variable (3 categories)

(1) both workhome
(2) one workhome/one no
(3) both never workhome

SAVE YOUR DATA

Part 5 -Describe employment patterns, migrant status and workhome patterns of couples by country