

Day 2 - EU-SILC

Part III Practical Training Session: Panel data structure & analyses

Exercise 1 – Merging the different files

Merge the four cross-sectional files D-, H-, R-, and P-file for 2021.

Data sets needed

- Cross-sectional data 2020
 - UDB_c20D_ver_2022_release2.dta
 - UDB_c20H_ver_2022_release2.dta
 - UDB_c20R_ver_2022_release2.dta
 - UDB_c20P_ver_2022_release2.dta

Variables needed

- | | |
|------------------------------|------------------------------|
| • DB010 Year of the survey | • RB030 Personal ID |
| • DB020 Country alphanumeric | • RB040 Household ID |
| • DB030 Household ID | • RB110 Membership status |
| • HB010 Year of the survey | • RB250 Data status |
| • HB020 Country alphanumeric | • PB010 Year of the survey |
| • HB030 Household ID | • PB020 Country alphanumeric |
| • RB010 Year of the survey | • PB030 Personal ID |
| • RB020 Country alphanumeric | • PX030 Household ID |

Solution steps

- Open D, H, R, and P files
- Rename identifier variable
- Save temp files
- Merge all temp files to one combined data set
- Check who was merged and who was not (use DB110, RB110, RB250)
- Save combined data set to file