Day 2 - EU-SILC
Part II Practical Training Session: Cross-sectional data structure & analyses

Exercise 6 – How to use weights

Use correct weights for the analyses from previous exercises
- **Ex ii: What is the median age across people in each country (unit all persons in HH)**
- **Ex ii: What is the median of the oldest person in the household in each country (unit households)**
- **Ex iii: Table of percentages of ISCED levels in 2021 across countries (unit all persons aged 16+ in HH)**
- **Ex v: Table of percentages of people suffering from any chronic illnesses (PH020)**

and for this additional question
- **Mean hours of education at pre-school (RL010) in each country (unit all persons aged <=12 in HH)**

Data sets needed
- merged data from first exercise
- I named it: `merged_cross_2021.dta`

Variables needed
- Variables used in exercise ii), iii), and v)
- PX040
- DB090
- RB050
- PB040
- PB060
- RL070
- RL010

Solution steps
- Ignore regional weights (only available for FR)
- Cross-sectional files contain two longitudinal weights. Don't use them!

- Re-use code from before as much as possible
- To create weighted twoway tables
  - you can use this code:
    ```
    table rowvar [pweight=weight], command(prop colvar)
    nototals
    ```
  - or this code:
    ```
    svyset [pweight=weight]
    svy: tab rowvar colvar, row
    ```