

## Day 2 - EU-SILC

### Part II Practical Training Session: Cross-sectional data structure & analyses

#### Cross-sectional regression exercise

**Regression of Get-together with Friends/Family for a drink/meal at least once a month on marital status, age, sex, education, household income, number of children (persons under 15 in HH), and country fixed effects. Use the correct weight. For sake of simplicity linear probability model, i.e. OLS regression. Use code from previous exercises where it fits.**

#### Data sets needed

- Cross-sectional data 2021
  - UDB\_c21D\_ver\_2022\_release2.dta
  - UDB\_c21H\_ver\_2022\_release2.dta
  - UDB\_c21R\_ver\_2022\_release2.dta
  - UDB\_c21P\_ver\_2022\_release2.dta

#### Variables needed

- |           |         |
|-----------|---------|
| • country | • RX010 |
| • year    | • RB090 |
| • hhid    | • PE041 |
| • pid     | • HY020 |
| • PD050   | • PB040 |
| • PB190   | • PB060 |
| • RB080   | • PX040 |

#### Solution steps

- Merge four files
- Prepare necessary data
- Construct correct weight
  - Which level is it?
- OLS regression