# Exercises 2. Multiple OLS regression

1. Please load the data *WoON2015small.dta* in Stata
2. keep the following variables in memory: livability score ( *lbm2014*), housing tenure (*huko*), type of living environment (*hwmbrt*) and birth country of respondent (*gblop3*).
3. Inspect and identify all these variables: which variables are continues and which ones categorical?
4. Could you calculate descriptive statistics of all these variables, according to the type variables?
5. Could you predict the level of livability score from housing tenure, type of living environment, birth country of respondent? How can you use these variables in the regression analysis.
6. Could interpret the regression estimates? How do the explanatory variables affect livability score? Which variable is the most influential? How much variance in the livability score is explained by these variables?
7. What have you learned from this regression analysis? Which research question could you answer from these results?