Files for estimation of the impact of mother's time on children's grades in school.

Construct_estimates_Mityakov_Mroz.do

Set the basic working directory (TWD) here – all file locations defined relative to this

NOTE: need to have copydesc installed in STATA.
*** ssc install copydesc

NOTE: need to have outreg2 installed in STATA.
*** ssc install outreg2

NOTE: need to have ivreg2 installed in STATA.
*** ssc install ivreg2

NOTE: need to have ranktest installed in STATA.
*** ssc install ranktest

This Construct_estimates_Mityakov_Mroz.do 1 executes a set of do-files :

1. file_locations.do
   This sets the locations of all of the input and output files. Best advice is to leave the
   output file (relative) locations unchanged
2. avgs_nnet_ados.do
   defines an ado program to take averages of variables that do not include the person of interest. There is a set of globals (defined elsewhere) that are sequentially used to take these averages (the first being the most narrowly defined and later ones relaxing those restrictions when not enough observations are in the set to construct a reliable average)
3. Russia_cpis.do
   This inputs Russia CPIs and constructs various price indices. It used OECD data access from FRED
4. pure_cons_goods.do.
   This defines a set of goods that only influence utility and not production. Only adult clothes are used from this data set in this project, to limit the number of endogenous variables.
5. local_pure_cons.do
   Construct local averages of pure consumption variables
6. alcohol_clothes_prices.do
   This defines a consistent set of alcohol prices over time as well as a set of adult clothing prices.

7. prices.do
   This cleans up the entire set of other prices from Goskomstat
8. kidsData_grades.do
   This reads in data for the kids and cleans it up and does a partial selection of the final sample.
9. WomenData_forGrades.do
   This processes the women-level data and also constructs local averages of some woman specific variables used later as instruments.
   combine_files_momtime.do
   This combines the various datasets, children, women, regional and makes them all consistent. It uses the do-file
   equiv_scale.do
   to adjust all incomes, etc. into adult equivalence scale metrics. It als collects information to use or the deletion of outlier observations for real income and expenditures (these are defined in total scale, not adult equivalence scale)

   It also constructs the clothing and alcohol (not used) indices with the do-file
   clothing_alcohol_indices.do

10. momtime_grades_regs.do
    This runs the sequence of 5 regressions, 2 OLS and 3 GMM that are presented in the online Data Appendiux. The 3 GMM estimations are those reported in the main text. It writes out excel and text files containing the estimates in the subfolder estimates_files.