

## Optional Exercises:

### 4. Regressions

Install the `outreg2` package via the `ssc` command and export tables for all your regressions.

Run a regression of per capita GDP on different variables in your data set.

Test whether political rights and civil liberties have an impact on per capita GDP. Test their coefficients separately as well as jointly.

Test whether `pr` and `cl` have the same impact on growth.

`xtset` your data and run a fixed effects regression using `xtreg`. Compare this with the result from running the `areg` command absorbing countries and a normal regression using `regress` that includes dummies for each country. Comment on the differences.

Coming back to the Mroz (1987) data: use an IV strategy instead of simple OLS. Try using mother's, father's and husband's education as instruments.

Test the validity of your instruments and comment on your results as well as your instruments.