Subject: Re: Setting up pooled DHS data as panel
Posted by Reduced-For(u)m on Sun, 29 Jun 2014 22:48:49 GMT
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Dan,

   I've done this in a few ways, but it really depends on the outcomes you are using and the right-hand-side variables of interest. Can you give me a little more detail?

1 - each country separately, or all countries pooled?

2 - what is the unit of analysis (and which recode)? Family, child, mother?

xtset (and xtreg/whatever) may be useful, but maybe not. It really depends on the kind of variation you are trying to grab and the questions you are asking.

If you just want to look at within-country changes over time, you can do the regressions separately by round and compare the coefficient estimates from first/second survey, and then use the "sureg" commands (seemingly unrelated regressions) to get standard errors/p-values/confidence intervals. That would essentially compare means from one survey to the next, and would not require adjusting the weights or re-setting new strata or the other kinds of problems that can arise when appending multiple rounds (see the discussions on merging/appending datasets that we have only partially managed to resolve on the forums).