
Subject: Re: Weights in country-year level regressions
Posted by [Bridgette-DHS](#) on Mon, 19 Nov 2018 18:39:26 GMT
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Following is another response from Senior DHS Stata Specialist, Tom Pullum:

Even if you do not collapse the surveys, you still have to deal with the variation in sample sizes. Surveys with larger samples will tend to dominate. I prefer to revise v005, multiplying by a survey-specific factor. If, say, your combined data file with k surveys has N cases, you would revise the weights so that the weighted number of cases for each survey is the same, N/k . However, even that approach is vulnerable to criticism. Stata code to do this is posted.

Here at DHS, we usually do not pool surveys. When we combine successive surveys from one country into a single data file, that's usually just to make it easier to describe trends. There have been a few times when we pooled surveys because that was the only way to get enough cases, for some rare outcome. The main reason for not pooling is that the reference population, of which the data are supposed to be representative, is too difficult to define. But other users may have a different perspective.