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Subject: Re: How do I account for clustering within families?

Posted by [ab803](#) on Fri, 22 Sep 2017 01:37:58 GMT

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Hi DHS Forum,

I'm using the PR dataset to examine child health outcomes for several countries between 2000 and 2014. I am not pooling countries, or surveys to get an aggregated estimate, but I am interested in whether estimates changed between each survey for a given country. For a given country, I plan to append all the surveys for that country and then examine change over time. After reading the existing threads, I have two questions I'd be grateful for your help with:

1. Do I need to re-weight or re-normalize? Based on comments in earlier threads it is my understanding that I don't need to re-weight or re-normalize as I am appending multiple years of data for a country and using `i.year` variables in my regressions to understand change over time. I'd be very grateful if you could confirm this.

2. In my `svyset` command, I would like to account for (1) the strata and (2) the non-independence and clustering of children within the household. Would the following command be appropriate?

```
egen stratumid=group(hv024 hv025)
```

```
svyset [pw=hv005], psu(hv021) strata(stratumid) singleunit(centered) || hv002
```

Many thanks!

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