Subject: Which weight to use, Household or Child?
Posted by duke2015 on Wed, 10 Jun 2015 15:10:50 GMT
View Forum Message <> Reply to Message

Hi there,

I am running a regression predicting child stunting from variables on the household level. I have merged the HR file and the KR (child's) recode file.

There was a recommendation that the weight to use should be the one with the highest rate of non-response, but I'm not sure which weight that is....how can I figure this out? I'm using Uganda 2011.

Thank you!

Subject: Re: Which weight to use, Household or Child?
Posted by Reduced-For(u)m on Wed, 17 Jun 2015 21:33:19 GMT
View Forum Message <> Reply to Message

My thoughts in this particular instance is that you want the weight from the dataset where your outcome variable comes from (in this case, stunting). So since the observations on the left hand side of your regression come from the child recode, you should use those weights.

Subject: Re: Which weight to use, Household or Child?
Posted by duke2015 on Mon, 29 Jun 2015 14:40:53 GMT
View Forum Message <> Reply to Message

I thought that it would make sense to use the weight from the file of the unit of analysis, but I wasn't sure if this was the correct way to do things since there really aren't any 'rules' in this respect.

Thanks in advance.

Subject: Re: Which weight to use, Household or Child?
Posted by Bridgette-DHS on Wed, 05 Aug 2015 14:18:30 GMT
View Forum Message <> Reply to Message

Following is a response from Senior Sampling Specialist, Ruilin Ren:

If you merge the HR file with the KR file, the only weight variables you might need are the household weight HV005, and the household weight for the sub-sample of male survey HV028 (if there is a male survey and that it was conducted in a sub-sample of households). Since we usually do not calculate a child weight, you have to use the household weight for anthropometry

indicators. If the anthropometry is measured in all of the households, you can use HV005. If anthropometry is measured in the male sub-sample, you can use HV028.

Please note that the survey final report might have used HV005 in the later case too (may not be systematically), so if you want to match the report figures, you may try both weights to figure out which one to use. But the difference should be very small, and will not alter any statistical conclusions.

Hope this is helpful.