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Subject: Mali 2012/13 - Multilevel Modeling Weights  
Posted by [Niklas H](#) on Thu, 18 Jul 2024 19:55:37 GMT  
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Hello,

I am trying to assign the values for A\_h and M\_h using Appendix A of the final report with v022 for the Mali 2012/13 household recode and child's recode datasets to build a multilevel weight. In these datasets, I am finding that v022 does not have labels for which region the values correspond to. I have tried to discern which regions the values of v022 correspond to using variables v023 and v024 with no luck as too many different values of v022 seem to correspond to the same region (i.e. there may be 4 values for one region while my understanding is that there should be 2). I am hoping someone may be able to advise on how to assign the values in Appendix A of the final report to v022 without the value labels, or a way to figure out what the value labels are so that I may proceed. Any and all guidance is much appreciated.

Thank you.

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Subject: Re: Mali 2012/13 - Multilevel Modeling Weights  
Posted by [Bridgette-DHS](#) on Fri, 19 Jul 2024 11:11:33 GMT  
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Following is a response from Senior DHS staff member, Tom Pullum:

I looked at the data using the HR file (MLHR76A) because households were sampled. As you say, there is no label for hv022 (which has 15 values), but there IS a label for hv023 (which has 12 values). I entered "tab hv022 hv023". The table shows that there is mostly a one-to-one correspondence between these two variables, but there are 3 values of hv022 that identify smaller sampling strata that were repeats of hv022: hv022=2 gives 390 extra households with hv023=8; hv022=8 gives 308 extra households with hv023=4; and hv022=11 gives 73 extra cases with hv023=3. I would say that these 681 households, less than 7% of the sample, are the only problematic ones, but even for them, you have a label from hv023.

If you can't find further documentation on the location of these 3 groups of households, within hv023, you could go to the geographic data and make a map showing where the clusters are located. The displacement of the clusters would not impair your ability to get a general location. However, I personally would be satisfied to use hv023 rather than hv022.

A more serious issue for this Mali survey is the omission of regions 6, 7, and 8 from the sample. (compare "label list HV024" with "tab hv024"). They are sparsely populated but had to be omitted for security reasons. Most of the surveys of Mali, I believe, if not all, have had to omit the northern part of the country.

Hope this helps.

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