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Subject: MULTILEVEL MODELING USING DHS SURVEYS: APPROXIMATE LEVEL-WEIGHTS for Kenya DHS Surveys

Posted by [geoK](#) on Thu, 25 Apr 2024 13:10:58 GMT

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Dear DHS Team,

I have been reviewing the DHS Methodological Reports 27 in order to create wt1 and wt2 weights for multilevel modeling using the latest two rounds of the Kenya DHS. I followed the example provided in the report, which used the Zimbabwe DHS, but I am now encountering difficulty identifying which tables and columns correspond exactly to Table A.2 and Table A.3. These are the tables where I need to extract figures for Stage 1 of the process. While it is clear for Zimbabwe, I am uncertain if I am selecting the correct tables and columns for the 2014 and 2022 KDHS Appendix A tables. Could you please confirm where I can locate the figures for Stage 1? Thank you!

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Subject: Re: MULTILEVEL MODELING USING DHS SURVEYS: APPROXIMATE LEVEL-WEIGHTS for Kenya DHS Surveys

Posted by [Bridgette-DHS](#) on Fri, 26 Apr 2024 11:02:21 GMT

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Following is a response from Senior DHS Staff member, Tom Pullum:

Unfortunately, we cannot provide much assistance with this topic. I recommend that you first identify the specific appendix tables in the Zimbabwe final report that were used in MR27. The Kenya 2022 survey was a DHS-8 survey and followed a slightly different tabulation plan, but I hope you can find the appendix tables in the Kenya report that correspond with the tables in the Zimbabwe report. I haven't checked, but the table titles should be very similar even if the table numbers have changed.

Ideally, DHS would routinely calculate the level weights when each survey is completed, and make them available in a small cluster-level file. We have recommended this, but without success. If other users have calculated the level-weights for other surveys, perhaps they could let us know and share them on the forum?