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Subject: KR file, Missing anthropometric indicators in the 2022 Ghana DHS

Posted by [Josie](#) on Wed, 30 Oct 2024 03:06:52 GMT

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Hi,

I am exploring the 2022 Ghana DHS for child malnutrition outcomes. I am using the KR file because I am interested in children under 5 of interviewed women. I find that in this file, the total sample is 9353 but there are missing values for a little over 4900 children on anthropometric indicators.

The 2022 Ghana DHS report indicated that 5045 children were eligible for the measurements of whom 98% had valid measures. In the KR file, information is available for about 4417 children, which is understandable since not all children had interviewed mothers.

What are the reasons for the substantially high number of missing children in the 2022 KR file (except those that were reported dead == 291)? How do I subsample to get the right sample for my work? Do I just exclude all the missing information? It would be worthwhile getting a justifiable reason to acknowledge in my research paper for my sample. I think I will also need to perform a comparison analysis on the socio-demographic characteristics of children and their mothers with missing data and those without to confirm it is a representative sample. Is this right?

I am using R for my analysis.

This was not the case for the 2003, 2008 and 2014 GDHS, which I felt was very odd (especially as I am also doing a trend analysis).