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Subject: Selecting appropriate weights when IR and MR files are pooled

Posted by [gebretsh@gmail.com](mailto:gebretsh@gmail.com) on Thu, 20 Apr 2023 13:56:25 GMT

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Dear DHS experts,

As usual, I am happy to thank you for your important contribution to the good utilization of DHS data analysis.

I plan to do a study on the prevalence of and factors affecting tobacco use in Ethiopia using the 2016 Ethiopia DHS (EDHS) among HIV positives and negatives.

Now, besides doing it separately, I want to pool the IR and MR files together, to which the AR file would be merged. In the pooled data (that contains the IR and MR files), there are two weights: the women's (v005) and the men's (mv005).

Now, my question is, which weight should be used to estimate the prevalence of tobacco and do regression on it using the pooled data among HIV positives?

The reason for pooling is to get an idea of the overall prevalence of the problem in the population (among women and men).

Thank you for your help

Regards,

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