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

Posted by [gebretsh@gmail.com](mailto:gebretsh@gmail.com) on Mon, 24 Apr 2023 14:12:39 GMT

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Thank you so much.

Finally, on this topic, I would like to get your help on the following two points:

Lat time you advised me to use the HIV weight even if my outcome variable was not an HIV test result. Now, when I checked the AR file,

I did not find a strata variable. In my regression model, I plan to account for cluster (v001), HIV weight, and strata variables. How can I get the strata, or is it not necessary to account for stratification at all in my regression analysis? This seems odd to me because in all other cases, all three design elements are available (v001, v023, and weight variable).

The second question is: I try to replicate Table 3.10.2 on men's tobacco smoking, page 58 in the 2016 EDHS. I get 5.4% after recoding mv463aa. The table produces two conflicting findings: on the left-hand side, it reported 4.3% (for any type of tobacco), but on the right-hand side (under the frequency of smoking heading), 3.5% and 1.9% add up to 5.4%, which is exactly what I found. Which figure is correct on the prevalence of smoking any tobacco in the table? I want to know the prevalence of tobacco use (both tobacco that can be smoked and tobacco that is smokeless). Does the 5.4% include smokeless tobacco use?

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