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Subject: Weights for analysis of HIV+/HIV- urban and rural populations

Posted by [Bouboulina](#) on Wed, 17 May 2017 19:14:00 GMT

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Hello,

I read the DHS guide to statistics and need help interpreting this note: "The sum of the sample weights only equals the number of cases for the entire sample and not for subgroups such as urban and rural areas."

I want to compare proportions of various variables between urban and rural HIV-positive populations (stratified by sex) in the 2010 Burundi and 2015 Rwanda surveys. Since my analysis will exclude HIV-negative persons, is it still correct to use the HIV05/1000000 as the weight? Or do I need to do something additional to this weight?

I'm also interested in comparing urban HIV-positive to urban HIV-negative populations and rural HIV-positive to rural HIV-negative populations (also stratified by sex). Same question here: is it still correct to use HIV05/1000000 as the weight?

Thanks so much!

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