
Subject: Re: Weighting Couples HIV data
Posted by [Bridgette-DHS](#) on Thu, 12 Nov 2015 14:44:37 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

If you are using couples with the HIV data attached, DHS would recommend that you use hiv05 from the men as the weight variable. We always have worse nonresponse for men than for women, especially for HIV tests. This is contrary to your suggestion. Sorry about that.

Just "off the top of my head" I would suggest that in the couples file you take the log of hiv05 for the women and hiv05 for the men. I would predict that in most surveys the standard deviation of log(hiv05) will be greater for men than for women. That's a way of quantifying the variability in nonresponse.

Stan Becker at Johns Hopkins University has proposed a way to synthesize the weights from men and women in a couples file. Here's a reference: <http://uaps2015.princeton.edu/abstracts/151669>.