Subject: Merging Female (IR) file and Male (MR) files
Posted by G Kumar S on Fri, 07 Jul 2023 10:44:09 GMT
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Hello all,
I am in the in the process of analyzing the Indian DHS data (NFHS-V (2019-21)). While looking for some references, I came across a paper titled 'Knowledge of HIV/AIDS and its determinants in India: Findings from the National Family Health Survey-5 (2019-21)'.

This paper merged the HIV module (respondents aged 15-49 years) female (108785) and male (93267) files of NFHS-5 (2019-21) into a single dataset. The outcome variable of the paper was Knowledge of HIV/AIDS, with gender as one of the independent variables of the analysis.

1. Is this okay to combine these files for deriving combined figures?
2. If so, what weights are to be used?
Thank you in advance.

The link of the paper is
http://www.populationmedicine.eu/Knowledge-of-HIV-AIDS-and-i
ts-determinants-in-India-nFindings-from-the-National-Family, 163113,0,2.html

Subject: Re: Merging Female (IR) file and Male (MR) files
Posted by Janet-DHS on Mon, 10 Jul 2023 14:46:09 GMT
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Following is a response from DHS staff member, Tom Pullum:

Men were subsampled in NFHS-4 and -5, so there are only about 1/6 as many men as women. If the cases for women and men were put into a single file, and a weight was calculated as v005 for women and 6*mv005 for men, the weighted sample would be approximately representative of the population of women and men combined. This simple calculation of a combined weight is probably not optimal but would be useful. (In regressions these weights would automatically be re-normalized to have a mean of 1.) It would be safest to give separate estimates for women and men separately rather than for the pooled sample.

Subject: Re: Merging Female (IR) file and Male (MR) files
Posted by G Kumar S on Wed, 12 Jul 2023 04:29:21 GMT
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Thank you very much for the clarification.