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Subject: Couple data: sampling and weights  
Posted by [Isha](#) on Fri, 13 Aug 2021 06:13:12 GMT

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Hello,

I am using the couple recode file for India (NFHS4, 2015-16). I had three questions related to sampling/weighting.

1. I understand that the couple recode file is created from a sub-sample of currently married women and their husbands and was not sure how nationally representative this data is. Further, can the analyses reflect state-wise differences (of course after using state weights).
2. Also, I wanted to create an indicator of "desired sex ratio at the community level". I had created such an indicator from the women's recode file by creating the ratio of ideal number of boys per 100 girls for each rural and urban area of all states. This value of desired sex ratio at the community level was assigned to all women belonging to that community. However, can one create the same for couples in each community (state x place of residence) in the couple recode file? I was not sure if it is appropriate for each case to take on a community level value as the couple data is not representative of each administrative state (or can it be?).
3. In Stata, when I used the "svy" command for a regression, I get this error: "Missing standard errors because of stratum with single sampling unit". Could you explain how I can use weights or account for the sample design while carrying out a regression in such a dataset which seems to have this issue of a stratum with a single PSU.

Thank you so much!

Best,  
Isha

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