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Subject: Re: Couple data: sampling and weights  
Posted by [Isha](#) on Fri, 20 Aug 2021 16:39:27 GMT

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Dear Shireen,

Thank you for your advice. I have got a lot of help from you all experts here. I also searched the forum to help answer some more questions, which was useful.

As of now, I have completed most of my analysis and wanted to check that these statements make sense in terms of the sampling and do not look analytically illogical:

- My aim is to see how state-level norms (level-2) effect of predictors (level-1) of son preference in India. My binary dependent variable is a "couple level" variable of son preference (merged responses of women and their husbands).
- I am carrying out a multilevel logistic regression using couple data from India (CR recode file)
- I have used national men's weights for all the level-1 variables (these include individual level attitudes and socioeconomic background)
- For level two, I am only using state (since that is how I set up my argument). The state variable (v024) includes some smaller administrative units but I do not want to drop them to avoid missing data).
- At level two for state, I assign all observations the same value (=1) since all states (approx for smaller administrative units) have an equal probability of being selected in the final sample.
- I ran the code ("melogit") and the results look believable (I cross checked with a logistic regression model).

I hope all this makes sense for couple data and the way it is sampled. I wanted to check since it is a couple recode file for which there are fewer resources to validate.

Thank you for the bysort idealsex ratio code. That was useful!

Best,  
Isha

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