
Subject: Re: Couple data: sampling and weights
Posted by [Isha](#) on Wed, 25 Aug 2021 20:47:14 GMT
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Dear Shireen,

I hope all is well. I am following up to my last query on using weights to carry out multilevel analysis with couple data. It seems that when I use weights at both levels to carry out multilevel logistic regression, Stata does not consider them as the results are completely the SAME when I run the same command without weights. Hence, I thought to use the svy command instead of separate weights for the two levels.

For my multilevel analysis, I am using couples at level-1 (mens' weight) and state (v024, weight=1) at level 2. But the svyset command I have been using for all other analysis is: svyset [pw=wtg], psu (v021) strata (v023) singleunit(centered)
This svy command does not take state into account and I was wondering if I could create a different svy command with state (and use that same command to weight the multilevel logistic regression data). Currently, Stata tells me that the svy command is not allowed with this analysis but other social scientists do use it. So I was wondering if it makes sense to create a svy command which considers state into the design and could be used for all final analysis.

In other words, can we assume that the sampling/analysis is two level with couples NESTED in states? (instead of using cluster and strata).

Thanks a lot!

Best,
Isha
