Subject: Pooled Survey MeLogit Syntax Query
Posted by cmergenthaler on Tue, 26 Jul 2016 09:16:27 GMT
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Dear DHS experts,

I would be grateful to have your insight as to whether my Stata version 14 syntax is logical for the following analysis:

I am attempting to run an melogit model on pooled data from 13 surveys (4 of which are repeated surveys from two countries), in which a number of individual and household variables (ie age category, religion, wealth index, and child health) are used to predict a binary outcome variable of care being provided for a sick child. All data used are collected from moms only.

Based mostly on Tom Pullman's very helpful advice from the thread: "sampling stratification of the Cameroon DHS 2011, 2004, 1998 and 1991 data", I have borrowed some of the following syntax:

```
generate weight = v005/10000000
egen clusters=group(survey v021)
egen strata = group(survey v024 v025)
svyset clusters [pweight=weight], strata(strata) singleunit(centered)
```

*Then my survey melogit command is:
svy: melogit child_cough_care v476_1 i.v013 i.religion i.v106 i.v190 HIV_accept

Can someone kindly clarify whether I have weighted this correctly, and whether it properly accounts for fixed and random effects?

Thank you in advance!

Kind regards,

Christina