Hi,

I am having trouble creating a logistic regression model while using the 2015-2016 India DHS Births Recode dataset. I am trying to adjust for a weighted analysis and have used the following code:

```
svyset [pw=wgt], psu(v021) strata(v023)
svy:ologit b1 quartageatbirth2 quartageatbirth3 quartageatbirth4, or
```

Survey: Ordered logistic regression

Number of strata =   2,514   Number of obs   = 1,315,617
Number of PSUs   =   28,518   Population size = 1,289,652
                                      Design df   =   26,004
                                      F(0, 26004) =   .
                                      Prob > F   =   .

b1	Odds Ratio	Linearized Std. Err.	t	P>|t|	[95% Conf. Interval]	
quartageatbirth2	.9567935	.	.	.	.	.
quartageatbirth3	.9242713	.	.	.	.	.
quartageatbirth4	.8839336	.	.	.	.	.
/cut1	-2.388488	.		.	.	
/cut2	-1.651026	.		.	.	
/cut3	-1.125956	.		.	.	
/cut4	-.7196191	.		.	.	
/cut5	-.3491667	.		.	.	
/cut6	.0052559	.		.	.	
/cut7	.3622409	.		.	.	
/cut8	.775032	.		.	.	
/cut9	1.171656	.		.	.	
/cut10	1.707994	.		.	.	
/cut11	2.521563	.		.	.	

Note: Estimates are transformed only in the first equation.
Note: Missing standard errors because of stratum with single sampling unit.

I am particularly confused as to why I am getting the error note specifying there are strata with only a single sampling unit and unsure as to how proceed. When I conduct these analyses (using the same svyset and svy:ologit command on data from other nations in the DHS data, I do not get the same errors and thus have the appropriate standard error estimates. Is this something that is

unique to the India data or is my command code incorrect. I have tried reading up on this issue online and rehashing my command code, but have had no succeed.

I would greatly appreciate any assistance on this matter!

Regards,
Zeb

Subject: Re: India DHS 2015-2016 Births Recode Data
Posted by Bridgette-DHS on Thu, 07 Jan 2021 14:51:57 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

You just need to add the "singleunit" option to svyset, as follows: "svyset [pw=wgt], psu(v021) strata(v023) singleunit(centered)".