Subject: Re: Melogit and Weights

Posted by BillC on Thu, 23 Jul 2020 21:09:45 GMT

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Hi Trevor,

Am facing the same issue as Yawo. I am examining a multilevel model in Afghanistan and want to run a random intercept model with region (v024) as the second level.

A) Here is my code (based on Shireen's post):
gen wt=v005/1000000
gen wt2=1
svyset region, weight(wt) strata(v023), singleunit(centered) || _n, weight(wt2)

Stata output follows:

Note: Stage 1 is sampled with replacement; further stages will be ignored for variance estimation.

pweight: <none>
 VCE: linearized

Single unit: centered

Strata 1: v023
 SU 1: region
 FPC 1: <zero>
Weight 1: wt
Strata 2: <one>
 SU 2: <observations>
 FPC 2: <zero>
Weight 2: wt2

B) Here is the Stata output for the svy: melogit model

(running melogit on estimation sample) weights in variable wt not constant within groups defined by: region an error occurred when svy executed melogit

C) Here is the output of the code you suggested to check if there is variation in the min/max of wt2:

	•	Percent	
1	29,461	100.00	100.00
•		100.00	

Thoughts?

Thanks!