
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:

wt2	Freq.	Percent	Cum.
-----+-----			
1	29,461	100.00	100.00
-----+-----			
Total	29,461	100.00	

Thoughts?

Thanks!
