
Subject: Adjusting survey weights in melogit in Stata
Posted by [Asantie](#) on Sat, 23 Oct 2021 15:25:24 GMT
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Hi DHSers,

I am currently using Ethiopian DHS 2016 data to examine predictors of institutional delivery

Based on IR data, I have created necessary dependent (outcome) and independent variables (varlist). In the analysis I would like to consider the complex survey design nature of DHS survey and used the following STATA code:

```
gen female_wgt= v005 /1000000
```

```
svyset v021 [pw=female_wgt], strata(v023)  
svy: melogit outcome varlist if ANC_use==1 || v001:
```

But I received the following error message:

```
survey final weights not allowed with multilevel models;  
a final weight variable was svyset using the [pw=exp] syntax, but multilevel models require  
that each stage-level weight variable is svyset using the stage's corresponding weight()  
option an error occurred when svy executed melogit"
```

I think the problem is with the code I used to specify "pw" or "weight" Could you please help me how I need to write the command for svyset and svy with proper weight code????

Many thanks in advance
Asantie
