
Subject: variables for svyset in Stata (Bangladesh 2011)

Posted by [k Morris](#) on Fri, 09 Jan 2015 18:31:31 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello,

I am currently trying to analyze c-section by wealth quintile (lower 2 and upper 3 as their own groupings).

I am using Stata 12, and when trying to set svyset for the data, I have been encountering an issue with the strata that is affecting my results in analysis.

```
gen birth5=0
replace birth5=1 if v208>0
label var birth5 "have a live birth in past 5 years"
label define yesno 0 "no" 1 "yes"
label values birth5 yesno
keep if birth5 == 1
```

```
gen wt=v005/1000000
```

```
gen csect = . if m17 == .
replace csect = 1 if m17 == 1
replace csect = 0 if m17 == 0
```

```
label variable csect "C-Section"
label define csect 0 "no" 1 "yes"
label value csect csect
```

```
gen psu=v021
```

```
gen strata=v023
**note, I generated the weight earlier, above)**
```

```
svyset psu [pweight=wt], strata(strata)
```

```
**now analyzing using poisson for the lower 2 wealth quintiles**
svy: poisson csect v190 if v190<3
```

And this is where I run into errors, see results as written below
(running poisson on estimation sample)

Survey: Poisson regression

```
Number of strata = 19          Number of obs   = 3645
Number of PSUs   = 499        Population size  = 3867.0893
                    Design df   = 480
                    F( 0, 480) = .
```

Prob > F = .

	Linearized				
csect	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
v190	1.011505
_cons	-4.721347

Note: missing standard errors because of stratum with single sampling unit.

Did I do something wrong with the sampling unit? Is this error unique to this dataset or will I have to change my syntax?

Thank you!
Kate Morris