Subject: Re: variables for svyset in Stata (Bangladesh 2011)
Posted by mmr-UMICH on Tue, 03 Feb 2015 18:49:57 GMT

To avoid such an error/warning :"Note: missing standard errors because of stratum with single sampling unit.", we can use singleunit() in svyset command line that specifies how to handle strata with one sampling unit. By default, svyset uses singleunit(missing) that results in missing values for the standard errors. I usually use to handle such situations by using method singleunit(centered) that specifies that strata with one sampling unit are centered at the grand mean instead of the stratum mean.
e.g., for your code: svyset psu [pweight=wt], strata(strata) singleunit(centered)
Other methods are:
   singleunit(certainty) causes strata with single sampling units to be treated as certainty units. Certainty units contribute nothing to the standard error.
   singleunit(scaled) results in a scaled version of singleunit(certainty). The scaling factor comes from using the average of the variances from the strata with multiple sampling units for each stratum with one sampling unit.

Thanks,