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Subject: Re: using SPSS Complex Samples  
Posted by [Trevor-DHS](#) on Thu, 21 Aug 2014 15:15:41 GMT  
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Here is a simple example of creating a complex sampling plan using a women's recode (IR) data file (open the data file before running the commands):

\* Create weight variable.  
compute wt = V005/1000000.  
\* Define strata variable, sometimes V022, V023, or combination of V024 and V025.  
compute strata = V022.  
\* or urban/rural within region..  
compute strata = V024\*2 + V025.

#### CSPLAN ANALYSIS

```
/PLAN FILE='C:\Temp\DHS_IR.csplan'  
/PLANVARS ANALYSISWEIGHT=wt  
/DESIGN STRATA= strata CLUSTER= V021  
/ESTIMATOR TYPE=WR.
```

\* Define variable to use in analysis.  
\* Secondary education or higher.  
compute sec = (V106 = 2 or V106 = 3).

\* Complex Samples Descriptives.

#### CSDESCRIPTIVES

```
/PLAN FILE = 'C:\Temp\DHS_IR.csplan'  
/SUMMARY VARIABLES = sec  
/MEAN  
/STATISTICS SE CV COUNT POPSIZE DEFF DEFFSQRT CIN  
/MISSING SCOPE = ANALYSIS CLASSMISSING = EXCLUDE.
```