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Subject: SPSS to STATA commands

Posted by [nessie2020](#) on Mon, 26 Oct 2020 16:55:50 GMT

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Hello!

I have a code from SPSS that I need to recode in Stata. I am having difficulty recoding 4 codes. I have written out my attempt at recreating the code, but I am not getting the same numbers as the original code. Am I missing something? Please let me know. Thank you!

### 1. CSPLAN ANALYSIS

```
/PLAN FILE='C:\Users\Maria Teresa\Desktop\articulo DHS\dhs data '+  
  'set\GU_2014-15_DHS_03212017_1754_47917\muestreo_guatemala.c saplan'  
/PLANVARS ANALYSISWEIGHT=WGT  
/SRSESTIMATOR TYPE=WR  
/PRINT PLAN  
/DESIGN STRATA=V022 CLUSTER=V021  
/ESTIMATOR TYPE=WR.
```

Stata code I wrote:

```
gen stratum = v022  
svyset v021 [pw=wgt], strata(stratum)
```

### 2. One-way tabulation

CSTABULATE

```
/PLAN FILE='C:\Users\Maria Teresa\Desktop\articulo DHS\dhs data '+  
  'set\GU_2014-15_DHS_03212017_1754_47917\muestreo_guatemala.c saplan'  
/TABLES VARIABLES=B8_under5  
/CELLS POPSIZE TABLEPCT  
/STATISTICS SE  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

Stata code I wrote:

```
svy:tab b8_under5, count se percent
```

### 3. Two-way tabulation

CSTABULATE

```
/PLAN FILE='C:\Users\HP 2018\Desktop\TRABAJOS\PROYECTOS 2017\articulo DHS\dhs data '+  
  'set\GU_2014-15_DHS_03212017_1754_47917\gubr71sv\guatemalaoc tubre.csaplan'  
/TABLES VARIABLES=HW72_waisting2DS BY full_inmunization  
/CELLS POPSIZE COLPCT  
/STATISTICS SE  
/TEST INDEPENDENCE  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

My Stata Code:

```
svy: tabulate hw71_underweight2DS full_immunization, count se
```

#### 4. Logistic regression

```
CSLOGISTIC HW71_underweight2DS(LOW) BY full_inmunization
/PLAN FILE='C:\Users\HP 2018\Desktop\TRABAJOS\PROYECTOS 2017\articulo DHS\dhs data
'+
'set\GU_2014-15_DHS_03212017_1754_47917\gubr71sv\guatemalaoc tubre.csaplan'
/MODEL full_inmunization
/INTERCEPT INCLUDE=YES SHOW=YES
/STATISTICS CINTERVAL
/TEST TYPE=F PADJUST=LSD
/ODDSRATIOS FACTOR=[full_inmunization(HIGH)]
/MISSING CLASSMISSING=EXCLUDE
/CRITERIA MXITER=100 MXSTEP=5 PCONVERGE=[1e-006 RELATIVE] LCONVERGE=[0]
CHKSEP=20 CILEVEL=95
/PRINT SUMMARY VARIABLEINFO SAMPLEINFO.
```

I don't know what to do here.

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Subject: Re: SPSS to STATA commands

Posted by [Bridgette-DHS](#) on Mon, 26 Oct 2020 20:43:31 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

We can't help with SPSS. I hope other users will volunteer. I can say that your svyset specification looks ok.

The Stata code for anthropometry and immunizations is in our GitHub site. You can find a link on the Forum home page. It may be better to use that than to try to translate from SPSS to Stata.