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Subject: Re: GENERAL SMOKING PREVALENCE IN RWANDA

Posted by [Mlue](#) on Mon, 20 Feb 2017 23:53:57 GMT

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In case you are using SPSS

Smoking prevalence in Rwanda 2014-15 ... Women's file

\*\* OPEN THE SPSS (DHS MEN'S) DATASET AND THEREAFTER OPEN THIS SPSS SYNTAX  
\*\* RIGHT-CLICK, AND SELECT RUN ALL  
\*\* OR YOU CAN "HIGHLIGHT" EACH STEP AND THEN "RIGHT-CLICK" AND SELECT "RUN SELECTION"

\*\* IN ORDER TO FULLY REPLICATE THE TABLES IN THE DHS REPORT, IT IS BEST TO USE COMPLEX SURVEY ANALYSIS WHICH IS EQUIVALENT TO SURVEYSET IF YOU WERE USING STATA \*\*

\*\* =====  
\*\* \*

\* CHANGE PATH BELOW TO THE PARTICULAR FOLDER WHERE YOUR SPSS DATA IS LOCATED

\*\* (create a folder under "MY DOCUMENTS" and save it as "RWANDA - 2014-15 DHS"), then where Dubile appears, change to your Computer name

\*\* To get your Computer name: click on "My Computer / Computer", then right-click ==> "Properties" ==> "Computer description = your computer name

GET

FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\RWMR70FL.SAV'.  
DATASET NAME DataSet1 WINDOW=FRONT.

\*\*\*\*\*  
\*\*\*\*\*

\* WEIGHT VARIABLE

COMPUTE weight=mv005 / 1000000.  
VARIABLE LABELS weight 'wgt'.  
EXECUTE.

\* =====  
\* ==\*

\*\* EDUCATION RECODE

RECODE MV106 (0=0) (1=1) (2 thru 3=2) INTO education.  
VALUE LABELS education 0"No education" 1"Primary" 2"Secondary/higher".  
VARIABLE LABELS education 'Recode for education.'.

EXECUTE.

\*\* AGE 50-59 YEARS OLD

RECODE MV012 (15 THRU 49 = 0) (50 THRU 59 = 1) INTO aged\_50to59.  
VALUE LABELS aged\_50to59 0"15-49" 1"50-59".  
VARIABLE LABELS aged\_50to59 'Persons aged 50-59 years.'  
EXECUTE.

/\*\*\*\*\*  
\*\*\*\*\*/

\*\* COMPLEX SURVEY ANALYSIS - EQUIVALENT OF SURVEYSET  
\*\* change Dubile to your computer name

CSPLAN ANALYSIS

/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/PLANVARS ANALYSISWEIGHT=weight  
/SRSESTIMATOR TYPE=WOR  
/PRINT PLAN  
/DESIGN STRATA=mv022 CLUSTER=mv021  
/ESTIMATOR TYPE=WR.

\*\*\* DERIVING VARIABLE = SMOKING CIGARETTES

RECODE MV463A (1=1) (0=0) (9=0) (ELSE=0) INTO cigarettes.  
VALUE LABELS cigarettes 0"No" 1"Yes".  
VARIABLE LABELS cigarettes 'Smokes cigarettes.'  
EXECUTE.

/\*\*\*\*\*  
\*\*\*\*\*/

\* CHECK IF CORRECT USING COMPLEX SURVEY FREQUENCIES (should be the same as in the report)

\*\* TABLE

CSTABULATE

/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=cigarettes  
/CELLS POPSIZE TABLEPCT  
/STATISTICS SE CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.

\*\* CROSSTAB CIGARETTES WITH AGE GROUP - from the output, your percentage is named "estimate" with the %

CSTABULATE

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=MV013 BY cigarettes  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

```
/*  
*****/  
*****/
```

\*\*\* DERIVING VARIABLE = SMOKING PIPE

```
RECODE MV463B (1=1) (0=0) (9=0) (ELSE=0) INTO pipe.  
VALUE LABELS pipe 0"No" 1"Yes".  
VARIABLE LABELS pipe 'Smokes pipe.'  
EXECUTE.
```

\* CHECK IF CORRECT USING COMPLEX SURVEY FREQUENCIES (should be the same as in the report)

\*\* TABLE

CSTABULATE

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=pipe  
/CELLS POPSIZE TABLEPCT  
/STATISTICS SE CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

\*\* CROSSTAB PIPE WITH AGE GROUP - from the output, your percentage is named "estimate" with the %

CSTABULATE

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=MV013 BY pipe  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

```
/*  
*****/  
*****/
```

\*\*\* DERIVING VARIABLE = OTHER TOBACCO

```
COMPUTE other_tobacco = 0.  
if MV463C = 1 or MV463D = 1 or MV463X = 1 other_tobacco = 1.  
if MV463C NE 1 and MV463D NE 1 and MV463X NE 1 other_tobacco = 0.
```

```
value labels other_tobacco 0 "No" 1 "Yes".
VARIABLE LABELS other_tobacco 'Uses/smokes other tobacco'.
EXECUTE.
```

\* CHECK IF CORRECT USING COMPLEX SURVEY FREQUENCIES (should be the same as in the report)

\*\* TABLE

```
CSTABULATE
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'
/TABLES VARIABLES=other_tobacco
/CELLS POPSIZE TABLEPCT
/STATISTICS SE CIN(95)
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

\*\* CROSSTAB PIPE WITH AGE GROUP - from the output, your percentage is named "estimate" with the %

```
CSTABULATE
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'
/TABLES VARIABLES=MV013 BY other_tobacco
/CELLS POPSIZE ROWPCT
/STATISTICS CIN(95)
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

\*\* This part calculates the last three row of Table 3.8.2 \*\*

```
CSTABULATE
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'
/TABLES VARIABLES=aged_50to59 BY other_tobacco
/CELLS POPSIZE ROWPCT
/STATISTICS CIN(95)
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

\*\*\* DERIVING VARIABLE = DOES NOT USE/SMOKE TOBACCO

```
RECODE MV463Z (1=1) (0=0) (9=0) (ELSE=0) INTO does_not_use_tobacco.
VALUE LABELS does_not_use_tobacco 0"No" 1"Yes".
VARIABLE LABELS does_not_use_tobacco 'Does not use/smoke tobacco products.'.
EXECUTE.
```

\* CHECK IF CORRECT USING COMPLEX SURVEY FREQUENCIES (should be the same as in the report)

\*\* TABLE

```
CSTABULATE
```

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=does_not_use_tobacco  
/CELLS POPSIZE TABLEPCT  
/STATISTICS SE CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

\*\* CROSSTAB PIPE WITH AGE GROUP - from the output, your percentage is named "estimate" with the %

```
CSTABULATE  
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=MV013 BY does_not_use_tobacco  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

\*\* This part calculates the last three row of Table 3.8.2 \*\*

```
CSTABULATE  
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=aged_50to59 BY does_not_use_tobacco  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

save outfile 'C:\Users\Dubile\Desktop\MAPS\RWANDA\_MEN\_ANALYSIS.sav'.

```
**////////////////////////////////////  
/**
```

\*\* ANALYSIS FOR ONLY MEN AGED 15-49 YEARS

\*\*\*\*\* RESTRICT - (SELECT CASES)

```
USE ALL.  
COMPUTE filter_$=(MV012 >= 15 & MV012 <= 49).  
VARIABLE LABELS filter_$ 'MV012 >= 15 & MV012 <= 49 (FILTER)'.  
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.  
FORMATS filter_$ (f1.0).  
FILTER BY filter_$.  
EXECUTE.
```

\*\*\* CROSSTABS

```
CSTABULATE  
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=education BY cigarettes
```

```
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

CSTABULATE

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=education BY pipe  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

CSTABULATE

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=education BY other_tobacco  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

CSTABULATE

```
/PLAN FILE='C:\Users\Dubile\Documents\RWANDA - 2014-15 DHS\Plan1.csaplan'  
/TABLES VARIABLES=education BY does_not_use_tobacco  
/CELLS POPSIZE ROWPCT  
/STATISTICS CIN(95)  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```