Subject: Re: Difficulty reproducing DV prevalence results Posted by Liz-DHS on Thu, 05 Sep 2013 23:07:25 GMT View Forum Message <> Reply to Message

Dear User,

Hope this will help. Using CSPro here is some code and comments for the table you are trying to run. I am using code from our standard tables, so this may not match exactly but will give you an idea of how the application works. It may assist you in replicating the results. The variables used in our tables are working variables, but you can see where they actually come from.

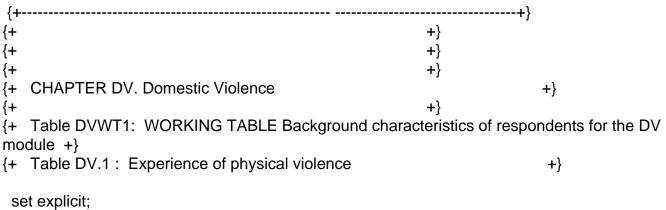
Row Variables (separated by + signs) V013W refers to V013 Age in 5-year groups v130w refers to V130 Religion v131w refers to V131 Ethnicity v102w refers to V102 Type of place of residence v101w refers to V101 Region v501w2 refers to V501 Current marital status v218w refers to V501 Current marital status v218w refers to V218 Number of living children v741w3 refers to V741 Type of earnings from respondent's work v106w refers to V106 Highest educational level v190w refers to V190 Wealth index tot1549 refers to a Total Variable for age 15-49

Column Variables (come after the row variables and separated from row variables by a blank) coldv01a refers to a Column DV01 Variable and probably refers to the first two values in your table Ever, Oftencoldv01b refers to a Column DV01 Variable and probably refers to the second set of values Sometimes, Any

numwom refers to the column with the number of women

If there was a * separator, that would indicate a layer

PROC GLOBAL



numeric i, imax, itot, j, jmax, jtot, imar, imar1, iepv, jepv, jany, jmax1, jmax2, iage, jphs; numeric rweight; numeric PVever, SVever, cnt; numeric anyPV, anySV, AnyEV, freqPV, freqSV, freqEV, decision, wbeat, diffage, diffed; numeric chusb, fhusb;

numeric d105aw, d105bw, d105jw, d105cw, d105dw, d105ew, d105fw, d105hw, d105iw, d105kw, d103aw, d103bw, d103cw;

crosstab float(0) txxx unweight runday+runmonth+runyear exclude(specval, rowzero, colzero, totals, percents)

title("Tables for Domestic Violence, Country 2011");

crosstab float(1) dvwt1

```
v013w+v130w+v131w+v501w2+v741w3+v102w+v101w+v106w+v190w+tot1 549 imarr*coldvwt1 exclude(rowzero,colzero,percents,totals,specval)
```

title("WORKING TABLE Background characteristics of respondents for the DV module"," ", "Percent distribution of women who completed the domestic violence module by selected

background",

"characteristics, Country 2011")

stub("Background characteristic");

crosstab float(1) DV01

```
v013w11+v130w+v131w+v102w+v101w+v501w2+v218w+v741w3+v106w+v1 90w+tot1549 coldv01a+coldv01b+numwom
```

exclude(totals,specval,rowzero,colzero,percents)

{+US}

title("Table DV.1 Experience of physical violence", "",

"Percentage of women age 15-49 who have ever experienced physical violence since age 15 and",

"percentage who have experienced violence during the 12 months preceding the survey, by ",

"background characteristics, Country 2011") stub("Background characteristic");

```
PROC RECODE6_FF preproc
```

```
numwom = 1;
numwom2 = 1;
numwom3 = 1;
ncurrm = 1;
emwoman = 1;
phsviol = 1;
twviol = 1;
total = 0;
tot1549 = 0;
```

unweight = (sysparm()[1:1] = "U"); { 1 - run unweighted tables }

postproc

{ constructs table to determine whether run is weighted/unweighted }

```
txxx(unweight,0) = sysdate( "dd" );
                                       {day }
txxx(unweight,1) = sysdate( "mm" ); { month }
txxx(unweight,2) = sysdate( "yyyy" ); { year }
{ Table DVWT1 processing }
itot = tblrow( dvwt1 );
jmax1 = tblcol(dvwt1, imarr = 1 coldvwt1 = 1);
jmax2 = tblcol( dvwt1, imarr = 2 coldvwt1 = 1 );
do i = 0 while i \le itot
 dvwt1[i,jmax1] = dvwt1[i,jmax1+1] * 100 / dvwt1[itot,jmax1+1];
 dvwt1[i,jmax2] = dvwt1[i,jmax2+1] * 100 / dvwt1[itot,jmax2+1];
enddo;
{ Table DV.1 processing }
itot = tblcol(DV01);
jmax = jtot - 1;
do j = 0 while j \le jmax
 DV01[*,j] = DV01[*,j] * 100 / DV01[*,jtot];
enddo;
{ check unweighted N's }
Col2Dim( "dv01", dv01, 0, jtot-1, dv01u, 0);
```

Page 3 of 3 ---- Generated from The DHS Program User Forum