
Subject: Difficulty reproducing DV prevalence results
Posted by [mark.janko](#) on Tue, 02 Jul 2013 17:37:30 GMT
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I am trying to replicate Table 16.1 from the 2010-11 Zimbabwe DHS final report (page 254), and am having difficulty doing so. I can replicate the "often physical violence in the last 12 months," as well as the "any physical violence in the last 12 months," but I cannot replicate "Ever" or "Sometimes in the last 12 months." I am wondering if someone can help explain why this is, and provide any suggestions as to how to fix the problem.

I am using Stata 11.2, and have defined the weighting scheme as follows:

```
gen wgt=d005/1000000
svyset v021 [pweight=wgt], strata(v022) vce(linearized) singleunit(missing)

keep if v044==1
```

I have defined the physical violence variables as follows:

```
**Ever:**
gen epv=cond(1,d106==1|d107==1|d115y==0,0)

**Often (last 12 months):**
gen opv=cond(1, d105a==1|d105b==1|d105c==1|d105d==1|d105e==1|d105f==1|d105j=
=1|d117a==1,0)

**Sometimes (last 12 months):**
gen spv=cond(1, d105a==2|d105b==2|d105c==2|d105d==2|d105e==2|d105f==2|d105j=
=2|d117a==2,0)

**Any (last 12 months):**
gen adv=cond(1,odv==1|sdv==1,0)
```

My crosstab code, using the wealth index as an example, is as follows:

```
**Ever:**
tab v190 epv [iweight=wgt], row

**Often (last 12 months):**
tab v190 opv [iweight=wgt], row

**Sometimes (last 12 months):**
tab v190 spv [iweight=wgt], row

**Any (last 12 months):**
tab v190 apv [iweight=wgt], row
```

As I said, my results for often and any match up well to the DHS results, but ever and sometimes

do not. I have attached my results, as well as those of DHS for comparison.

On a side note, the denominator in the table is reported as 6542, but I noticed that there are 2 observations coded as "9" in the d106 and d107 variables (physical violence by husband/partner), and 13 observations coded as "9" in d117 "physical violence by non-husband/partner." Would this not mean that the actual denominator should be 6529? I have run my calculations both with and without these observations, and this does not explain the discrepancy.

Many thanks for any help that can be provided!

File Attachments

- 1) [janko_results_table16-1.txt](#), downloaded 924 times
 - 2) [DHS_results_table16-1.JPG](#), downloaded 892 times
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