
Subject: Re: using svy command and getting out p-values
Posted by [Bridgette-DHS](#) on Thu, 23 Mar 2017 12:59:59 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

I don't understand the comparison that you are making. Let's be as specific as possible. In order to test the null hypothesis that knowledge of AIDS is the same across all five-year age groups of men, I use this command:

```
use e:\DHS\DHS_data\MR_files\NMMR61FL.dta, clear
svyset mv001 [pweight=mv005], strata(mv022)
svy: logit mv751 i.mv013
```

The output includes this test of the null hypothesis: $F(9, 516) = 4.18$; $\text{Prob} > F = 0.0000$.

The p-value is less than .0001; knowledge of AIDS differs very significantly across age groups. This is an F test, not a chi-square test. I do not believe that there is a valid chi-square test of this null hypothesis that includes the svy adjustment. Please show me the lines you used to get a chi-square and p-value using svyset and svy: tab. Please do it just for this specific example, involving mv751 and mv013. Thanks.
