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Subject: Calculating median age at first sex and percentage of respondents with sex before the age of 15

Posted by [chichi](#) on Tue, 14 Mar 2017 14:26:30 GMT

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Hello!

I am using the Namibian DHS 2013. I created one dataset with the women's, the men's and the HIV data.

I want to calculate the median age at first sex intercourse by women and men in the age group 25-49. First I checked if I have the same number of women and men as in the final report of 2013.

This was my stata code:

```
tab v525 if v012 > 24 & v012 < 50 [iweight=wgt1], miss
```

I had 7.776 respondents like in the report. Then for calculating the median I used this code:

```
by gender, sort : summarize v525 if v012 > 24 & v012 < 50 [aweight = wgt1], detail
```

The median number which came out was the same as in the report. But the number of observations for men and women was different. Overall I had 7.746 respondents, 30 respondents fewer than in the report. Can someone tell what I made wrong?

Further I want to get out the percentage of women and men who had sex before the age of 15. my code was:

```
by gender, sort: tab v525 if v012 > 24 & v012 < 50 [iweight=wgt1], missing
```

My result was 7.9% for women and 12.5% for men, while the report indicated 5.0% for women and 10.1% for men in the age group 25-49 years.

It would be great if someone could help me or have a stata code for my intention! Thank you!

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