Subject: Stata code for mean duration of insusceptibility
Posted by schoumaker on Mon, 27 Feb 2017 22:57:47 GMT
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Hello,

Has anyone Stata code to compute mean durations as published in "Table 5.6 Postpartum amenorrhoea, abstinence, and insusceptibility" ?

I am trying - and failing- to replicate the mean duration of postpartum insusceptibility, using the description in the guide to DHS statistics (p.75). The distribution of births and percentages I get are slightly different from the ones published, and my mean duration tends to be 1-2 months lower.

Thanks,

Bruno

Subject: Re: Stata code for mean duration of insusceptibility
Posted by Trevor-DHS on Wed, 15 Mar 2017 13:03:00 GMT
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Hi Bruno,

I don't know of Stata code for this, but I can share the CSPro code that is used for this, and perhaps you can work it out from that code. We might also have some SPSS code - I'll check these out and send them to you.

Cheers. Trevor

Subject: Re: Stata code for mean duration of insusceptibility
Posted by Michaelo on Wed, 22 Nov 2017 08:41:03 GMT
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Thanks Trevor. I will appreciate it much if could kindly share with the SPSS codes for the computation of percentage of births for which mothers are postpartum amenorrhoeic, abstaining, and insusceptible, by number of months since birth, and mean duration. I am using the Ghana dataset and would wish to observe the patterns as per some population sub groups.
Thanks
Michaelo

Subject: Re: Stata code for mean duration of insusceptibility
Posted by kbietsch on Tue, 16 Jan 2018 20:27:03 GMT
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Has anyone written the stata code?

I have this for % postpartum amenorrhoeic, abstaining, and overall insusceptible

```
clear all
 use GHKR72FL.DTA, clear

 * age of child
 gen months = v008-b3

 * keeping young and droppin first of multipe births
keep if months <=35 & b0!=1

* //postpartum amenorrheic from most recent birth (midx=1).
gen ppa=.
replace ppa=1 if midx==1 & v405==1
replace ppa=0 if ppa==.
* //abstaining since most recent birth (midx=1).
gen abst=.
replace abst=1 if midx==1 & v406==1
replace abst=0 if abst==.
* // postpartum amenorrheic or abstaining since most recent birth (midx=1).
gen insus=.
replace insus=1 if midx==1 & (ppa==1 | abst==1)
replace insus=0 if insus==.

gen weight=v005/1000000
gen idnum = v021
gen statid =v022

svyset idnum [pw=weight], strata(statid) singleunit(scaled)

svy: mean ppa
svy: mean abst
svy: mean insus
```

********** **********

To try and calculate mean time insusceptible, I referred to the Guide to DHS statistics

I assigned each person into their 2 month window and collapsed the data

```
gen month2=.

replace month2=0 if months==0 | months==1
replace month2=2 if months==2 | months==3
replace month2=4 if months==4 | months==5
```

```
replace month2=6 if months==6 | months==7
replace month2=8 if months==8 | months==9
replace month2=10 if months==10 | months==11
replace month2=12 if months==12 | months==13
replace month2=14 if months==14 | months==15
replace month2=16 if months==16 | months==17
replace month2=18 if months==18 | months==19
replace month2=20 if months==20 | months==21
replace month2=22 if months==22 | months==23
replace month2=24 if months==24 | months==25
replace month2=26 if months==26 | months==27
replace month2=28 if months==28 | months==29
replace month2=30 if months==30 | months==31
replace month2=32 if months==32 | months==33
replace month2=34 if months==34 | months==35

collapse (sum) ppa abst insus [aw=v005] , by(month2)
```

I then created a width variable:

```
gen width=.
replace width=.75 if _n==1
replace width=1.75 if _n==2
replace width= 2 if width==.
```

But like Bruno, I am still about 2 months lower than the report. Any ideas?

Subject: Re: Stata code for mean duration of insusceptibility
Posted by Liz-DHS on Fri, 27 Apr 2018 20:58:25 GMT
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Dear User,
Do you still need help with this post?
Thank you!

Subject: Re: Stata code for mean duration of insusceptibility
Posted by enansubuga on Sun, 21 Oct 2018 23:37:41 GMT
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I am trying to replicate Table 5.6 of the Uganda DHS but am not making any headway.

What is the STATA code that I can use to replicate this table for UDHS 2016. I have read through the comments on the subject on the same issue and also looked at the DHS guide to statistics but still not making headway.

Any help with regards to the STATA code to replicate with Table using the kids/ children's record (KR) is highly appreciated.

Thank you
Elizabeth

Subject: Re: Stata code for mean duration of insusceptibility
Posted by Liz-DHS on Tue, 23 Oct 2018 19:55:52 GMT
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Dear User, Please refer to The Guide to DHS Statistics . There is a section in the manual about this topic. You can also search the DHS User Forum for Key words to find posts on this topic. Please share your code with the user community on the forum and someone may be able to help. For help with Stata, please visit,
http://www.cpc.unc.edu/research/tools/data_analysis/statatutorial Thank you!