
Subject: sas commands for delivery assistance by health professional

Posted by [phres110](#) on Sat, 25 Mar 2017 15:45:24 GMT

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Dear Experts

Thanks in advance. Could you please help me defining sas commands for using M3A-N for delivery assistance by health professional including doctors and nurses etc (excluding TBA)

Regards

dhs110

Subject: Re: sas commands for delivery assistance by health professional

Posted by [Trevor-DHS](#) on Tue, 28 Mar 2017 17:35:01 GMT

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Sorry - we do not have SAS commands for this.

Subject: Re: sas commands for delivery assistance by health professional

Posted by [Liz-DHS](#) on Tue, 28 Mar 2017 18:33:02 GMT

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We do not have any assistance to offer on this post.

Subject: Re: sas commands for delivery assistance by health professional

Posted by [phres110](#) on Thu, 30 Mar 2017 02:54:05 GMT

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I am sorry i think i questioned in a wrong way. I mean to say that i want to use this variable by making a dichotomous variable doctor and all other SBA as 1 and all others including TBA as 0.....kindly help me in combining M3A to N thorough SAS commands

Thanks and Regards

Subject: Re: sas commands for delivery assistance by health professional

Posted by [Mlue](#) on Thu, 30 Mar 2017 11:32:07 GMT

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Hi,

I'm not sure if this is what you're looking for, but I hope it points you into the right direction.

The code below replicates [Table 9.6 Assistance during delivery] - from the Sierra Leone DHS report of 2013

PLEASE NOTE THAT I USED THE INDIVIDUAL RECODE FILE (WOMEN DATASET) TO ACHIEVE THE FOLLOWING

Also note that in order to achieve all of this, I had to import Stata data into SAS and analyse as shown below

```
**=====**
```

SAS programme

```
/** SKILLED BIRTH ATTENDANT **/  
DATA SLDHS2013_1;  
  SET WORK.SLDHS_2013;  
  WHERE m3a in(0,1,9) AND m3b in(0,1,9) AND m3c in(0,1,9) AND v208 in(1,2,3,4);  
/* THE CODE ABOVE SELECTS THE SAMPLE TO MATCH THE TABLE IN THE DHS REPORT  
*/  
  
/* NOW, TO DERIVE THE DEPENDENT VARIABLE (Skilled_birth)*/  
  
  IF m3a = 1 or m3b = 1 or m3c = 1 THEN skilled = 1; else  
  IF m3a or m3b or m3c NE 1 THEN skilled = 0;  
  
  FORMAT skilled_birth$32.;  
  IF skilled = 0 THEN Skilled_birth = "0. Non-skilled provider";  
  IF skilled = 1 THEN Skilled_birth = "1. Skilled provider";  
  
  WEIGHT = (v005 / 1000000);  
PROC TEMPLATE;  
  EDIT BASE.FREQ.CROSSTABFREQS;  
  EDIT FREQUENCY;  
  FORMAT=BEST12.;  
END;  
END;  
RUN;  
  
/* CHECK IF IT MATCHES THE RESULTS ON THE DHS REPORT*/  
  
/* Percentage delivered by a skilled provider in Sierra Leone DHS 2013 report = 59.7% */  
  
PROC FREQ DATA=WORK.SLDHS2013_1;  
  TABLE Skilled_birth /NOCOL NOROW;  
  WEIGHT WEIGHT;  
RUN;  
  
/* CHECK WITH OTHER VARIABLES */  
  
PROC FREQ DATA=WORK.SLDHS2013_1;
```

```
TABLE V025 * Skilled_birth /NOCOL NOFREQ NOPERCENT;  
TABLE V024 * Skilled_birth /NOCOL NOFREQ NOPERCENT;  
TABLE V190 * Skilled_birth /NOCOL NOFREQ NOPERCENT;  
WEIGHT WEIGHT;  
RUN;
```

Subject: Re: sas commands for delivery assistance by health professional
Posted by [phres110](#) on Fri, 31 Mar 2017 01:18:31 GMT
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Thank you very much...it worked well this is what i wanted.
Again thanks a lot.
Regards.

Subject: Re: sas commands for delivery assistance by health professional
Posted by [Trevor-DHS](#) on Fri, 31 Mar 2017 15:44:37 GMT
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Glad you found someone with SAS code to share. I just want to note that what is classified as skilled attendance is specific to each survey. For example for some surveys you would need to include additional variables other than m3a-c, and in some others you would have to exclude m3c. You would need to test this with each survey.

Subject: Re: sas commands for delivery assistance by health professional
Posted by [Mlue](#) on Sat, 01 Apr 2017 14:51:07 GMT
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True...

I concur. dhs110, you'll have to check the footnote on the table for the country which you are interested in analysing... For Sierra Leone, m3c (MCH aide) was included under skilled birth...

See: [http:// userforum.dhsprogram.com/index.php?t=msg&th=5888&got o=11843&#msg_11843](http://userforum.dhsprogram.com/index.php?t=msg&th=5888&got o=11843&#msg_11843)
