Subject: Code for Infant mortality (Dead or Alive)
Posted by Nkechi Onwuka on Thu, 09 Mar 2017 14:41:22 GMT
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Please i'm having issues  with locating/creating a code to analyse infant mortality (Dead or Alive) using Nigeria Demographic and Health Survey (2013) on SPSS. The only such code I can find on the data set is for Under-five mortality (Dead or Alive) on SPSS but I really need that of Infant mortality, ad it is the basis Of my research.

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by A.TIENDREBEOGO-BKF on Tue, 14 Mar 2017 11:05:32 GMT
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First locate your variables: B3 (date of birth), B5 (child is alive) , B7 (age at death in months), v008 (date of interview)
Then create your 5 years periods preceding survey like that:
compute period = trunc((v008-1 - b3)/60).
You will have for this variable 0 (5 years preceding), 1 (5-9 years preceding), 2 (10-14 years preceding), etc.
You can now determine your infant mortality. Let us take an example to be more expressive.
At this level, there are 2 considerations to take into account.
1. if you are only interested inside a period, for example, the past 5 years, all born in this period (period=0) are the denominator because all born in this period died before one year or survive above one year. The numerator (infant deaths) can be calculated like that:
Period=0 and B5=0 and B7<12.
2. if you are interested to all infant deaths occurred in a period, you have to add up those children of the preceding period, in this example period=1 (59 years preceding) who died during 5 years period before on year. You can determine them like that by creating before,  the period of death:
if (B5=0) cmc_death=B3+B7.
compute perdeath=trunc((v008-1-cmc_death)/period).

Then determine the children in this case (born in preceding period and died in the ongoing period before on year)
Period=1 and perdeath=0 and B7<12.

We determine the deaths, let us calculate now the denominator for such children by calculating their number at the beginning of the ongoing period (here period=0).
*compute number of months all child lived:
compute months = 0.
if (B5 = 0) months = b7.
if (B5 = 1) months = (v008 - b3).

Let us determine the beginning of the ongoing period: start=v008-1-60.
Then the denominator is:
start-B3<12 and months>=start.

Thinking this will be helpul to you.

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by Nkechi Onwuka on Mon, 20 Mar 2017 19:42:57 GMT
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Thank you very much A.TIENDREBEOGO-BKF. This helps a lot

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by Davison on Thu, 06 Jul 2017 22:01:50 GMT
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Hello,

I don't understand what you mean with

compute perdeath=trunc((v008-1-cmc_death)/period).

You create the variable period and I understand that this are the periods where the child died but why should I divide with classes?

Best regards

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by A.TIENDREBEOGO-BKF on Fri, 07 Jul 2017 12:40:24 GMT
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You divide into period to have those born and dies and those born during the previous period and died for each five-year period considered. Thus, calculations can be made on each period or over a period of specific interest. Because the mortality during a specific period concerns children born and deceased during this period, plus children born during the previous period and deceased during the period considered before their 5th birthday.

Hoping to have responded to you and keeping me available for further information

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by sally on Wed, 21 Feb 2018 23:44:43 GMT
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please help me out i want to carry out an analysis on infant, neonatal and post neonatal mortality but i have no idea on how to go about it on spss and also the factors that significantly affects each age group please how do i go about it.

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by Liz-DHS on Fri, 04 May 2018 20:05:33 GMT
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Dear User, There are many messages on the forum regarding this topic. Please search the forum. In addition please look at the following resources:
The Guide to DHS Statistics https://
dhsprogram.com/publications/publication-dhsg1-dhs-questionna ires-and-manuals.cfm,
The Standard Recode Manual https://
dhsprogram.com/publications/publication-DHSG4-DHS-Questionna ires-and-Manuals.cfm,
using Datasets for Analysis https://dhsprogram.com/data/Using-Datasets-for-Analysis.cfm and a series of videos to help
guide you with your analysis https://blog.dhsprogram.com/dhsdataintro/.
For specific assistance with Stata, please visit
[url= http://www.cpc.unc.edu/research/tools/data_analysis/statatut orial/][url]
After reviewing these resources, if you still have a question, please feel free to post again. Thank you!

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by Filippus on Tue, 24 Sep 2019 12:58:47 GMT
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How do I compute the infant mortality rate using the dhs dataset for namibia 2013. To have 0 and 1 as an independent variable.

Subject: Re: Code for Infant mortality (Dead or Alive)
Posted by Liz-DHS on Tue, 21 Apr 2020 22:04:48 GMT
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Dear User, Please see link Stata code to produce Demographic and Health Survey Indicators. Thank you!