Subject: Height and Weight Files
Posted by rejone4@emory.edu on Mon, 17 Nov 2014 23:00:20 GMT
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For older DHS surveys without the hw73 variables to make zscores for kids anthropometric measurements I know there is a separate data file that has been created called Height and Weight Scores. Is there anyway to merge this type of file with the children's recode variable to be able to differentiate weight status by different ages?

Subject: Re: Height and Weight Files
Posted by Trevor-DHS on Mon, 17 Nov 2014 23:10:08 GMT
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Yes - see post #3219 for an example.

Subject: Re: Height and Weight Files
Posted by rejone4@emory.edu on Wed, 19 Nov 2014 19:36:31 GMT
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thanks that worked well for most datasets. However there are a few HW files that have hwhhid as the variable for case identification.

For example, Armenia 2005 has this type of setup. When I used the following code:

*rename variables and sort data for merging
ren hwhhid caseid
ren hwline midx
sort caseid midx
save "AMHW01_temp.dta", replace

*sort the children's recode data and then merge
use "H:\Thesis\Armenia_2010\Armenia_2005(V)\AMKR42FL.dta", clear
sort caseid midx
merge 1:1 caseid midx using "H:\Thesis\Armenia_2010\Armenia_2005(V)\AMHW01_temp.dta"

It did not match the data anymore. Is there something that has to be done differently with these files?

Subject: Re: Height and Weight Files

Posted by Trevor-DHS on Thu, 20 Nov 2014 04:00:50 GMT

First, I think you are using the wrong files here. The files for Armenia 2005 are AMKR54FL.dat and AMHW52FL.dta, not AMKR42FL.dat and AMHW01FL.dta.

Second, though, later DHS surveys collected the anthropometry data for all children living in the household, as part of the household questionnaire, rather than just children of interviewed women. For that reason the dataset includes hwhhid which is the ID of the household questionnaire. These datasets are principally designed to link with the PR datasets, and analyses in the survey reports are produced from the data in the PR files, not the KR files for these surveys.

If you want to link to the KR files and just use the data for children of interviewed women, then the following is the approach to use:
use "AMKR54FL.dta"
* Create the household ID by dropping the 3 d character line number from caseid
gen hwhhid = substr(caseid,1,length(caseid)-3)
* Make a copy of the household line number (could use rename instead)
clonevar hwline = b16
* Sort on the household ID and the line number from the household schedule
sort hwhhid hwline
* Merge the data
merge m:1 hwhhid hwline using "AMHW52FL.dta"
Note that this uses a many to one merge because b16 can be 0 (if child is not a member of the household) or b16 can be missing (if the child is dead), and more than one child in the household can have these codes. A 1:1 merge will fail because of potential duplicate values of 0 or missing. Alternatively drop if hwline == 0 or hwline == . to avoid the risk of duplicates and then use 1:1 merge.

The following link is also useful for general information on merging datasets:
http://www.dhsprogram.com/data/Merging-Datasets.cfm

Subject: Re: Height and Weight Files
Posted by arenaud on Wed, 14 Jan 2015 18:28:01 GMT

Hello,

Could you recommend a similar code for merging the Height-Weight file with the KR file in SPSS?

Thanks in advance.

Subject: Re: Height and Weight Files
Posted by Bridgette-DHS on Wed, 14 Jan 2015 20:48:31 GMT

Please search the forum for sample codes, merging datasets in SPSS.