Subject: Merging PR and KR file NFHS
Posted by Lincoln on Fri, 11 Nov 2022 17:23:50 GMT
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Hi, I am having some problems with merging NFHS-5 file merging PR with KR file: Here are codes and result:

PR data
drop if hc60>30
rename hvidx cline
rename v001 clusterline
rename hv001 clusterline
rename hv002 hhline
rename hv024 state
rename hc60 motherline
sort cline clusterline hhline state motherline

. save "/temp

. clear

. use "KR data"

drop if b16==0
drop if b16==.
rename b16 cline
rename v001 clusterline
rename v002 hhline
rename v024 state
rename v003 motherline
sort cline clusterline hhline state motherline
. merge 1:1 cline clusterline hhline state motherline using
"temp
(variable motherline was byte, now int to accommodate using data's values)

Result	Number of obs	
Not matched	734	
from master	727	(_merge==1)
from using	7	(_merge==2)
Matched	221,256	(_merge==3)

Please help.

Regards

Lincoln

Subject: Re: Merging PR and KR file NFHS
Posted by Bridgette-DHS on Mon, 14 Nov 2022 14:47:51 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

I tried this merge with my own code and got the same results, 727 and 7 non-matches. I also tried it with hv112 in place hc60, which gave MORE non-matches. I also tried including age in months (hc1 in the PR file and hw1 in the KR file), which again gave 727 and 7 non-matches.

If the number of cases with _merge=1 were about the same as the number with _merge=2, then it would be possible that something is keeping them from merging with each other. However, almost all of the unmatched children (727) are in the KR file only (_merge=1). There are only 7 children who are in the PR file only (_merge=2). Even if you could match the 7 cases with _merge=2, there would still be 720 unmatched cases with _merge=1. I don't think there's anything you can do to improve the merge. It only affects about 1/3 of one percent of the children in the PR file.

Subject: Re: Merging PR and KR file NFHS
Posted by Lincoln on Tue, 15 Nov 2022 15:32:07 GMT
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Many thanks for the kind response. I will put this as limitation and continue with my analysis.

Regards
Lincoln