
Subject: merging KR and PR - Multi-country and multi years
Posted by [ekowababio](#) on Wed, 31 May 2023 21:41:12 GMT
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Hi,

I am working with multi-country and multiple years data. I have seen discussions or solutions here (including <https://userforum.dhsprogram.com/index.php?t=msg&th=7086&start=0&>) regarding how to merge the PR and KR datasets. The problem is I keep getting error message when try to merge the two datasets indicating the observations are not uniquely identified in the KR data (the master). I tried

```
use "KR_Data.dta", clear
keep if b16>0 & b16<.
**(346,087 observations deleted) missing child line number in household
```

```
gen in_KR=1
gen sex_child=b4
gen age_child=hw1
gen line_number_of_child=b16
gen line_number_of_mother=v003
gen hv001=v001
gen hv002=v002
gen hv003=v003
gen hv024=v024
gen hvidx=b16
```

```
merge 1:1 hv024 hv001 hv002 sex_child age_child line_number_of_mother line_number_of_child
using "PR_Data.dta"
```

I even tried to create a unique id to see if there are duplicates in the KR using the code below

```
egen CN_BIRTHID = concat(State hv024 hv003 hv001 hv002 hvidx sex_child age_child
line_number_of_mother line_number_of_child), punct(-)
isid CN_BIRTHID
sort CN_BIRTHID
by CN_BIRTHID:generate nobs=_N
list State CN_BIRTHID if nobs>1, sepby(CN_BIRTHID)
```

```
isid CN_BIRTHID - return
variable CN_BIRTHID does not uniquely identify the observations
```

and the list returns

```
State CN_BIRTHID
```

```
346700. ML4 ML4-1-2-14-1-4-2-50-2-4
346701. ML4 ML4-1-2-14-1-4-2-50-2-4
```

346739. ML4 ML4-1-2-15-2-4-2-7-2-4
346740. ML4 ML4-1-2-15-2-4-2-7-2-4

346754. ML4 ML4-1-2-16-1-6-2-36-2-6
346755. ML4 ML4-1-2-16-1-6-2-36-2-6

346822. ML4 ML4-1-2-20-1-3-1-41-2-3
346823. ML4 ML4-1-2-20-1-3-1-41-2-3

346908. ML4 ML4-1-2-25-1-5-1-53-2-5
346909. ML4 ML4-1-2-25-1-5-1-53-2-5

347131. ML4 ML4-1-2-36-2-6-1-55-2-6
347132. ML4 ML4-1-2-36-2-6-1-55-2-6

347327. ML4 ML4-1-2-45-1-6-2-13-2-6
347328. ML4 ML4-1-2-45-1-6-2-13-2-6

348214. ML4 ML4-2-2-100-3-3-1-14-2-3
348215. ML4 ML4-2-2-100-3-3-1-14-2-3

349470. ML4 ML4-2-3-71-1-9-2-31-3-9
349471. ML4 ML4-2-3-71-1-9-2-31-3-9

350321. ML4 ML4-3-2-129-2-7-1-15-2-7
350322. ML4 ML4-3-2-129-2-7-1-15-2-7

350346. ML4 ML4-3-2-130-1-6-2-27-2-6
350347. ML4 ML4-3-2-130-1-6-2-27-2-6

350395. ML4 ML4-3-2-133-1-3-2-13-2-3
350396. ML4 ML4-3-2-133-1-3-2-13-2-3

350405. ML4 ML4-3-2-133-1-6-2-32-2-6
350406. ML4 ML4-3-2-133-1-6-2-32-2-6

350416. ML4 ML4-3-2-133-2-4-2-13-2-4
350417. ML4 ML4-3-2-133-2-4-2-13-2-4

350706. ML4 ML4-3-2-144-2-3-1-56-2-3
350707. ML4 ML4-3-2-144-2-3-1-56-2-3

350709. ML4 ML4-3-2-144-2-4-1-27-2-4
350710. ML4 ML4-3-2-144-2-4-1-27-2-4

350935. ML4 ML4-3-2-154-1-5-1-35-2-5
350936. ML4 ML4-3-2-154-1-5-1-35-2-5

350937. ML4 ML4-3-2-154-1-5-1-38-2-5
350938. ML4 ML4-3-2-154-1-5-1-38-2-5

350972. ML4 ML4-3-2-155-2-5-1-33-2-5
350973. ML4 ML4-3-2-155-2-5-1-33-2-5

351178. ML4 ML4-3-2-165-1-6-2-44-2-6
351179. ML4 ML4-3-2-165-1-6-2-44-2-6

351251. ML4 ML4-3-2-168-1-4-2-25-2-4
351252. ML4 ML4-3-2-168-1-4-2-25-2-4

351478. ML4 ML4-3-3-144-1-6-1-11-3-6
351479. ML4 ML4-3-3-144-1-6-1-11-3-6

352051. ML4 ML4-4-2-173-1-3-1-36-2-3
352052. ML4 ML4-4-2-173-1-3-1-36-2-3

352057. ML4 ML4-4-2-173-1-3-2-7-2-3
352058. ML4 ML4-4-2-173-1-3-2-7-2-3

352130. ML4 ML4-4-2-177-2-5-2-32-2-5
352131. ML4 ML4-4-2-177-2-5-2-32-2-5

352493. ML4 ML4-4-2-195-1-4-2-10-2-4
352494. ML4 ML4-4-2-195-1-4-2-10-2-4

352961. ML4 ML4-4-2-219-1-5-1-10-2-5
352962. ML4 ML4-4-2-219-1-5-1-10-2-5

352973. ML4 ML4-4-2-219-1-8-2-11-2-8
352974. ML4 ML4-4-2-219-1-8-2-11-2-8

353143. ML4 ML4-4-2-227-1-7-1-34-2-7
353144. ML4 ML4-4-2-227-1-7-1-34-2-7

353148. ML4 ML4-4-2-227-1-8-2-3-2-8
353149. ML4 ML4-4-2-227-1-8-2-3-2-8

353594. ML4 ML4-5-2-230-1-5-1-37-2-5
353595. ML4 ML4-5-2-230-1-5-1-37-2-5

354127. ML4 ML4-5-2-256-1-5-2-0-2-5
354128. ML4 ML4-5-2-256-1-5-2-0-2-5

354168. ML4 ML4-5-2-259-1-3-1-24-2-3
354169. ML4 ML4-5-2-259-1-3-1-24-2-3

354276. ML4 ML4-5-2-266-1-5-1-0-2-5
354277. ML4 ML4-5-2-266-1-5-1-0-2-5

354321. ML4 ML4-5-2-268-1-4-1-53-2-4
354322. ML4 ML4-5-2-268-1-4-1-53-2-4

354356. ML4 ML4-5-2-271-1-3-1-3-2-3
354357. ML4 ML4-5-2-271-1-3-1-3-2-3

354715. ML4 ML4-5-2-292-1-4-1-28-2-4
354716. ML4 ML4-5-2-292-1-4-1-28-2-4

355096. ML4 ML4-6-2-301-1-3-1-2-2-3
355097. ML4 ML4-6-2-301-1-3-1-2-2-3

355167. ML4 ML4-6-2-305-2-3-2-14-2-3
355168. ML4 ML4-6-2-305-2-3-2-14-2-3

355257. ML4 ML4-6-2-309-1-3-2-6-2-3
355258. ML4 ML4-6-2-309-1-3-2-6-2-3

355657. ML4 ML4-7-3-312-4-4-1-2-3-4
355658. ML4 ML4-7-3-312-4-4-1-2-3-4

355991. ML4 ML4-9-2-339-1-4-2-3-2-4
355992. ML4 ML4-9-2-339-1-4-2-3-2-4

356050. ML4 ML4-9-2-342-2-4-1-47-2-4
356051. ML4 ML4-9-2-342-2-4-1-47-2-4

356577. ML4 ML4-9-2-381-2-4-1-5-2-4
356578. ML4 ML4-9-2-381-2-4-1-5-2-4

356729. ML4 ML4-9-2-396-1-5-1-16-2-5
356730. ML4 ML4-9-2-396-1-5-1-16-2-5

398095. MW4 MW4-1-1-499-3-3-1-26-1-3
398096. MW4 MW4-1-1-499-3-3-1-26-1-3

590644. RW4 RW4-12-2-445-53-5-2-2-2-5
590645. RW4 RW4-12-2-445-53-5-2-2-2-5

591243. RW4 RW4-2-2-139-130-6-1-13-2-6
591244. RW4 RW4-2-2-139-130-6-1-13-2-6

592496. RW4 RW4-3-2-175-92-3-2-29-2-3
592497. RW4 RW4-3-2-175-92-3-2-29-2-3

595905. RW4 RW4-6-2-279-44-8-2-14-2-8
595906. RW4 RW4-6-2-279-44-8-2-14-2-8

599316. RW4 RW4-9-2-21-66-5-1-10-2-5
599317. RW4 RW4-9-2-21-66-5-1-10-2-5

any explanation for this? Thank you.
