
Subject: Re: merge IR MR AND PR

Posted by [tanvirpmc04](#) on Fri, 12 Apr 2024 05:37:41 GMT

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Dear Tom,

Thank you for your quick response.

I intend to study hypertension which is in PR files, while some associated factors are in IR and MR files. So i plan to merge IR with PR, then merge MR with PR and then append resulting datasets.

Following your advice, i have used these codes:

```
clear
```

```
set maxvar 100000
```

```
use " C:\Users\Hp\Desktop\datasets\nepal_dhs\NPIR82DT\NPIR82FL.DTA "
```

```
gen sex = "woman"
```

```
gen in_IR=1
```

```
tab1 in*
```

```
gen cluster=v001
```

```
gen hh=v002
```

```
gen line=v003
```

```
save IRtemp.dta, replace
```

```
use " C:\Users\Hp\Desktop\datasets\nepal_dhs\NPMR82DT\NPMR82FL.DTA ", clear
```

```
gen sex = "man"
```

```
gen in_MR=1
```

```
tab1 in*
```

```
gen cluster=mv001
```

```
gen hh=mv002
```

```
gen line=mv003
```

```
save MRtemp.dta, replace
```

```
use " C:\Users\Hp\Desktop\datasets\nepal_dhs\NPPR82DT\NPPR82FL.DTA "
```

```
gen in_PR=1
```

```
tab1 in*
```

```
gen cluster=hv001
```

```
gen hh=hv002
```

```
gen line=hvidx
```

```
gen hab40=ha40 if hv104==2
```

```
replace hab40=hb40 if hv104==1
```

```
gen bmi=hab40/100
```

```
gen bmic=1 if bmi<18.5
```

```
replace bmic=2 if bmi>=18.5 & bmi<25
```

```
replace bmic=3 if bmi>=25 & bmi<30
```

```
replace bmic=4 if bmi>=30 & bmi<50
```

```
label define bmic 1"Underweight" 2"Normal" 3"Overweight" 4"Obese"
```

```
label values bmic bmic
```

```
save PRtemp.dta, replace
```

```
* Merge PR with IR  
use PRtemp.dta  
merge 1:1 cluster hh line using IRtemp.dta  
rename _merge merge_PR_IR  
keep if merge_PR_IR==3  
save IRPR.dta, replace
```

```
* Merge with MR  
use PRtemp.dta  
merge 1:1 cluster hh line using MRtemp.dta  
rename _merge merge_PR_MR  
keep if merge_PR_MR==3  
save MRPR.dta, replace
```

```
* Append  
use MRPR.dta  
append using IRPR.dta  
save IRMRPR.dta, replace  
use IRMRPR.dta  
tab sex  
tab bmic  
tab bmic sex
```

However, the outputs are as follows,

```
tab sex
```

sex	Freq.	Percent	Cum.
man	4,913	24.87	24.87
woman	14,845	75.13	100.00
Total	19,758	100.00	

```
. tab bmic
```

bmic	Freq.	Percent	Cum.
Underweight	993	13.51	13.51
Normal	4,471	60.81	74.32
Overweight	1,460	19.86	94.18
Obese	428	5.82	100.00
Total	7,352	100.00	

```
. tab bmic sex
```

	sex		
	bmic	woman	Total
Underweight		993	993
Normal		4,471	4,471
Overweight		1,460	1,460
Obese		428	428
Total		7,352	7,352

Can You tell me where I am doing it wrong? Thanks in advance.