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Subject: South Africa 2016

Posted by [Carolina](#) on Tue, 14 Nov 2023 09:36:52 GMT

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Hello,

We merged the individual record (women only) with the HIV results and found that only 2'726 matched observations, while there were 8'514 eligible women that were interviewed.

We just want to make sure that we completed the merge correctly. Is this number accurate ? Why isn't there a 50% split between men and women who were tested ?

Thank you for your response.

Carolina

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Subject: Re: South Africa 2016

Posted by [Janet-DHS](#) on Thu, 16 Nov 2023 19:39:58 GMT

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Following is a response from DHS staff member, Tom Pullum:

The Stata lines below show how to merge the AR file with both the women and the men. Of the 4862 cases in the AR file, 2136 are men and 2726 are women. These numbers are fairly close, and the difference is mainly due to higher refusal rates (for HIV testing) for men than for women. The number of cases in the IR file (8514) does not tell you anything about how many men are in the AR file.

\* Specify workspace

cd e:\DHS\DHS\_data\scratch

\* Prepare AR file

use "...ZAAR71FL.DTA", clear

gen cluster=hivclust

gen hh=hivnumb

gen line=hivline

gen in\_AR=1

sort cluster hh line

save ARtemp.dta, replace

\* Prepare IR file

use "...ZAIR71FL.DTA", clear

gen cluster=v001

gen hh=v002

gen line=v003

gen sex=2

```
keep cluster hh line sex  
save IRtemp.dta, replace
```

```
* Prepare MR file  
use "...ZAMR71FL.DTA", clear  
gen cluster=mv001  
gen hh=mv002  
gen line=mv003  
gen sex=1  
keep cluster hh line sex  
save MRtemp.dta, replace
```

```
* Append IR and MR and merge with AR  
append using IRtemp.dta  
sort cluster hh line  
merge cluster hh line using ARtemp.dta
```

```
keep if _merge==3  
tab sex if in_AR==1
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