

Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

The following lines will do what you want. It is not necessary to merge first with the PR file. You can merge directly with the IR+MR appended file.

* Stata code to merge AR with IR+MR, Liberia LB6A

* Prepare AR for merge

```
use e:\DHS\DHS_data\AR_files\LBAR6AFL.dta, clear
```

```
rename hivclust v001
```

```
rename hivnumb v002
```

```
rename hivline v003
```

```
sort v001 v002 v003
```

```
save e:\DHS\DHS_data\scratch\LBARtemp.dta, replace
```

* Prepare MR for append

```
use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\LBMR6AFL.DTA", clear
```

* reduce the MR file to needed variables

```
keep mv0*
```

```
gen sex=1
```

* rename the mv variables

```
rename mv* v*
```

```
save e:\DHS\DHS_data\scratch\LBMRtemp.dta, replace
```

* Prepare IR

```
use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\LBIR6AFL.DTA", clear
```

* reduce the IR file to needed variables

```
keep v0*
```

```
gen sex=2
```

```
append using e:\DHS\DHS_data\scratch\LBMRtemp.dta
```

```
label define sex 1 "man" 2 "woman"
```

label values sex sex

* Merge appended file with AR

sort v001 v002 v003

merge v001 v002 v003 using e:\DHS\DHS_data\scratch\LBARtemp.dta

tab _merge

After you have mv variables in the MR file to v variables, appended the IR and MR files
