
Subject: Re: Need Help to Clarify

Posted by [Janet-DHS](#) on Tue, 18 Oct 2022 20:40:39 GMT

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Following is a response from DHS staff member Tom Pullum:

This survey had a 1/6 subsample of men for the men's interview. (In 1/3 of the clusters, half of the households were selected.) In the PR file there is a variable hv027 that is 1 if the household was selected for the men's interview. This subsampling had implications for the women's interview. For example, the questions for the variables you mention (v169a, v170, v743a) were only asked in the households selected for the men's interview. The design of the survey anticipated that researchers would want to relate them to characteristics of the husband.

The PR/IR merge below confirms that v170, for example, is Not Applicable (coded with a dot) for women in the households that were not selected for the men's interview.

* specify workspace

```
cd e:\DHS\DHS_data\scratch
```

* Prepare the IR file for the merge

```
use "...IAIR7DFL.DTA", clear
```

```
keep v001 v002 v003 v025 v170
```

```
rename v025 state
```

```
rename v001 cluster
```

```
rename v002 hh
```

```
rename v003 line
```

```
sort state cluster hh line
```

```
save IAtemp.dta, replace
```

* Prepare the PR file and do the merge

```
use "...IAPR7DFL.DTA", clear
```

```
keep if hv117==1
```

```
keep hv001 hv002 hvidx hv025 hv027
```

```
rename hv025 state
```

```
rename hv001 cluster
```

```
rename hv002 hh
```

```
rename hvidx line
```

```
sort state cluster hh line
```

```
merge state cluster hh line using IAtemp.dta
```

```
tab _merge
```

```
keep if _merge==3
```

* Check the pattern of NA on v170 with the subsampling

```
tab hv027 v170,m
```

