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Subject: Re: Merging IR and PR - Indonesia 1987

Posted by [Bridgette-DHS](#) on Tue, 31 Oct 2023 14:27:12 GMT

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

Many examples of merges have been given on the forum. At the end of this post I will paste the lines that I would normally use to do this kind of merge. I would reshape the HR file, to construct the equivalent to a PR file, then reduce the PR file to women (perhaps to women age 15-49) and then merge using the cluster ID, household ID, and line number. Unfortunately, in this HH file I cannot identify the cluster ID and household ID (the line number is hhlno). There are only a few unsubscripted variables in the HH file. I suspect that the ID variables have something to do with the three "\*samp\*" variables but I can't figure it out.

I don't think the approach you are using, without ID codes, will be reliable. For one thing, age in the household survey and age in the women's survey may not be exactly the same. There can be other inconsistencies that will result in ambiguous matches.

This is an interesting challenge, but the Indonesia 1987 DHS is one of our oldest surveys and we can't provide more support for it.

\* Specify a workspace

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

```
use "...IDHH01FL.DTA", clear
```

\* must find the cluster id and household id

```
gen cluster=?hhnisamp
```

```
gen hh=?
```

```
rename *_0* *_*
```

```
keep cluster hh hhsex* hhage*
```

```
reshape long hhsex_ hhage_ .... ,i(cluster hh) j(line)
```

```
rename *_*
```

```
keep if hhsex==2
```

```
sort cluster hh line
```

```
save ID01temp.dta, replace
```

```
use "...IDIR01FL.DTA", clear
```

```
gen cluster=v001
```

```
gen hh=v002
```

```
gen line=v003
```

```
sort cluster hh line
```

```
merge 1:1 cluster hh line using ID01temp.dta
```

```
tab _merge
```

keep if \_merge==3  
drop \_merge

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