

---

Subject: Re: Matching the sample size

Posted by Sami on Sun, 15 Jul 2018 00:14:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Dear Trevor,

I was trying to match the India NFHS-4 2015-16 report table 12.3.1 using data file IAIR74FL.dta. However, first, i am unable to match the women sample size as shown in the report (682,651). Second, my hypertension percentage does not match to the report as (11%). I used the following code as you suggested.

use IAIR74FL, clear

```
gen rweight=v005/1000000
svyset v021 [pweight=rweight], strata(v023) vce(linearized) singleunit(missing)
```

```
gen sbp = .
gen dbp = .
```

```
**if all measures are given, then average the last two
replace sbp = (sb23s + sb27s)/2 if inrange(sb27s,20,299) & inrange(sb27d,20,299) &
inrange(sb23s,20,299) & inrange(sb23d,20,299)
replace dbp = (sb27d + sb27d)/2 if inrange(sb27s,20,299) & inrange(sb27d,20,299) &
inrange(sb23s,20,299) & inrange(sb23d,20,299)
```

```
*****drop unknown BP***
```

```
//systolic reading
drop if sbp==.
```

```
// diastolic reading
drop if dbp==.
```

```
***prehypertension**
```

```
****hypertension****
```

```
gen ht=0 if sbp!=.| dbp!=.
replace ht=1 if (sbp>=140 |dbp>=90)& (sbp!=.|dbp!=.)
```

```
svy:tab hyper, count format(%9.0f)
```

Can you please help me how to resolve this problem?

Many thanks

Sammy

---