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Subject: Re: Matching the sample size

Posted by [Sami](#) on Sun, 15 Jul 2018 00:14:37 GMT

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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

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