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Subject: Hypertension

Posted by [govind@iips.net](mailto:govind@iips.net) on Sun, 04 Sep 2022 11:15:37 GMT

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Dear All,

Currently, I am trying to match the sample size and prevalence of hypertension in India using the person file of DHS data 2119-21. I have used the following codes but cannot match the prevalence percentage and sample size with the final report of the National Family Health Survey (NFHS) 2019-21 report (tables 12.3.1 and 12.3.2). Please help me to match the prevalence percentage and sample size. The codes are:

gen sys = .

gen dia = .

\* if the first measure is given

replace sys = shb18s if inrange(shb18s,20,299) & inrange(shb18d,20,299)

replace dia = shb18d if inrange(shb18s,20,299) & inrange(shb18d,20,299)

\* if the second measure is given take it

replace sys = shb25s if inrange(shb25s,20,299) & inrange(shb25d,20,299)

replace dia = shb25d if inrange(shb25s,20,299) & inrange(shb25d,20,299)

\* if the third measure is given take the last

replace sys = shb29s if inrange(shb29s,20,299) & inrange(shb29d,20,299)

replace dia = shb29d if inrange(shb29s,20,299) & inrange(shb29d,20,299)

\* if all measures are given, then average the last two

replace sys = (shb25s + shb29s)/2 if inrange(shb29s,20,299) & inrange(shb29d,20,299) & inrange(shb25s,20,299) & inrange(shb25d,20,299)

replace dia = (shb25d + shb29d)/2 if inrange(shb29s,20,299) & inrange(shb29d,20,299) & inrange(shb25s,20,299) & inrange(shb25d,20,299)

\*\*\*\*\*

gen ht=.

replace ht=1 if (sys>139|dia>89| shb21==1) & (sys~=.|dia~=.)

replace ht=0 if ht==. & (sys~=.|dia~=.)

Thanking you.

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