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Subject: BMI indicator in KR File

Posted by [Noyel Sebastian](#) on Sun, 05 May 2024 11:01:15 GMT

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I was trying to calculate the BMI of the mother from the KR file of NFHS using this code. NFHS 5's KR file does not have b3\_01, and the code breaks. What change should I make to run the command and get the mother's BMI indicator in the KR file?

\*\*\* Anthropometry indicators \*\*\*

\* age of most recent child

gen age = v008 - b3\_01

\* to check if survey has b19, which should be used instead to compute age.

scalar b19\_included=1

capture confirm numeric variable b19\_01, exact

if \_rc>0 {

\* b19 is not present

scalar b19\_included=0

}

if \_rc==0 {

\* b19 is present; check for values

summarize b19\_01

if r(sd)==0 | r(sd)==. {

scalar b19\_included=0

}

}

if b19\_included==1 {

drop age

gen age=b19\_01

}

//Height less than 145cm

gen nt\_wm\_ht= v438<1450 if inrange(v438,1300,2200)

label values nt\_wm\_ht yesno

label var nt\_wm\_ht "Height under 145cm - women"

//Mean BMI

gen bmi=v445/100

summarize bmi if inrange(bmi,12,60) & (v213!=1 & (v208==0 | age>=2)) [iw=wt]

gen nt\_wm\_bmi\_mean=round(r(mean),0.1)

label var nt\_wm\_bmi\_mean "Mean BMI - women"

//Normal weight

gen nt\_wm\_norm= inrange(v445,1850,2499) if inrange(v445,1200,6000)

replace nt\_wm\_norm=. if (v213==1 | age<2)

```
label values nt_wm_norm yesno  
label var nt_wm_norm "Normal BMI - women"
```

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