
Subject: Re: BMI

Posted by [Frankfeng](#) on Wed, 03 Jun 2020 15:57:16 GMT

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Dear Liz,

I am also doing research on Obesity using South African DHS 2016.

I have recoded BMI for males and females. Males' BMI is matched with the SADHS report. But females' BMI is not matched. In my analyses, the percentage of obese for female is around 35% no matter I used weight or not, but it is 41% in the SADHS.

In the SADHS report, it says the "sample: Women age 15+ who are not pregnant and who have not had a birth in the 2 months before the survey in the 2 months before the survey" (on page 298).

I read the "Guide to DHS Statistics", the process is: Number of women age 1549, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview

I used "individual recode" dataset for my analyses, and the STATA code is:

```
recode v445(min/1849=1 "Underweight") (1850/2499=2 "Normal") (2500/2999=3 "Overweight")  
(3000/5956=4 "Obese") (9998=.),gen(BMI_cate_F)
```

```
tab BMI_cate_F if v213!=1 & (v208 == 0 | b19_01 >= 2) & (v445>=1200 & v445<=6000)
```

Could you please point out that which step I missed?

Thank you.