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Subject: How to find at least one malnourished in a household  
Posted by [nilanjanpatra@gmail.com](mailto:nilanjanpatra@gmail.com) on Tue, 09 Jun 2020 12:31:02 GMT  
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Dear Sir/ Ma'am,

I am working with NFHS-4 (India) household data file (IAHR71FL) with SPSS.

I need to find out the number of households with at least one (child or adult) malnourished for all-India.

For child malnutrition, I need Weight-for-Age (Underweight) for children below 5 years of age (below - 2 SD or above 2 SD).

For adult malnutrition, men age 15-54 and women age 15-49 who are not pregnant and who have not had a birth in the two months before the survey (BMI is not normal: less than 18.5 or more than 24.9).

Please help me to create SPSS syntax for the above-mentioned problem.

Thanks and regards,

Nilanjan Patra

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Subject: Re: How to find at least one malnourished in a household  
Posted by [nilanjanpatra@gmail.com](mailto:nilanjanpatra@gmail.com) on Wed, 10 Jun 2020 11:14:32 GMT  
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I would like to know if my SPSS syntax is correct to see if at least one child in household is underweight.

```
DO IF (hv103$01 = 1 & 0 <= hc1$1 < 60) .  
RECODE hc71$1 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru  
200=0) INTO chi_mal1.  
END IF .  
EXECUTE .  
fre chi_mal1.
```

```
DO IF (hv103$02 = 1 & 0 <= hc1$2 < 60) .  
RECODE hc71$2 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru  
200=0) INTO chi_mal2.  
END IF.  
EXECUTE.  
fre chi_mal2.
```

```
DO IF (hv103$03 = 1 & 0 <= hc1$3 < 60) .  
RECODE hc71$3 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru  
200=0) INTO chi_mal3.  
END IF.  
EXECUTE.  
fre chi_mal3.  
DO IF (hv103$04 = 1 & 0 <= hc1$4 < 60) .
```

```

RECODE hc71$4 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru
200=0) INTO chi_mal4.
END IF.
EXECUTE.
fre chi_mal4.
DO IF (hv103$05 = 1 & 0 <= hc1$5 < 60) .
RECODE hc71$5 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru
200=0) INTO chi_mal5.
END IF.
EXECUTE.
fre chi_mal5.
DO IF (hv103$06 = 1 & 0 <= hc1$6 < 60) .
RECODE hc71$6 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru
200=0) INTO chi_mal6.
END IF.
EXECUTE.
fre chi_mal6.
DO IF (hv103$07 = 1 & 0 <= hc1$7 < 60) .
RECODE hc71$7 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru
200=0) INTO chi_mal7.
END IF.
EXECUTE.
fre chi_mal7.
DO IF (hv103$08 = 1 & 0 <= hc1$8 < 60) .
RECODE hc71$8 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru
200=0) INTO chi_mal8.
END IF.
EXECUTE.
fre chi_mal8.
DO IF (hv103$09 = 1 & 0 <= hc1$9 < 60) .
RECODE hc71$9 (SYSMIS=SYSMIS) (-600 thru -200.5=1) (200.5 thru 600=1) (-200 thru
200=0) INTO chi_mal9.
END IF.
EXECUTE.
fre chi_mal9.

compute chi_mal=0.
if (chi_mal1=1 or chi_mal2=1 or chi_mal3=1 or chi_mal4=1 or chi_mal5=1 or chi_mal6=1 or
chi_mal7=1 or chi_mal8=1 or chi_mal9=1 ) chi_mal=1.
val lab chi_mal 0'no' 1'yes'.
var lab chi_mal 'any child malnutrition'.
fre chi_mal.

```