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Subject: Replicating table

Posted by [foysal](#) on Thu, 29 Feb 2024 10:05:38 GMT

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Dear Sara and SPA experts,

I am trying to replicate table 3.7.1 of Ethiopia SPA 2021-22 report in Stata. I was unable to create some variables. My codes are:

```
gen wt=facwt/1000000
```

\*X-ray machine

```
gen xray=0
```

```
replace xray=1 if ((q881b_1==1 & q881c_1==1) | (q881b_2==1 & q881c_2==1 & q881b_3==1))
```

```
tab xray [iw=wt]
```

\*full blood count

```
gen blood_count=0
```

```
replace blood_count=1 if (q802a_1==1 & q802b_1==1 & q802c_1==1)
```

```
tab blood_count [iw=wt]
```

\*Blood glucose

```
recode bloodgluc 9=.
```

```
recode bloodgluc (1=1 "available") (0=0 "not available"), gen (blood_glucose)
```

```
label variable blood_glucose "Blood glucose"
```

```
tab blood_glucose [iw=wt],m
```

\*liver or renal function test

```
gen lrt=0
```

```
replace lrt =1 if q834==1 & q835==1
```

```
tab lrt [iw=wt]
```

It looks like I am using the correct variables according to the footnotes of the tables, but I am not getting the same % as the final report table. I want to get the same % of the report table. I would greatly appreciate any help with this matter.

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Subject: Re: Replicating table

Posted by [SaraDHS](#) on Sat, 09 Mar 2024 11:36:53 GMT

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Hello,

For all of these indicators, note that the title of the table indicates that health posts are excluded.

This is the main issue. Most of your codes are correct, you just need to add this in the tabulation line. For a couple of the indicators I have added corrections or clarifications and commented out your code below.

Best,

Sara

```
gen wt=facwt/1000000
```

```
*X-ray machine - you have this variable already in the dataset at factbxray, so just tab that and  
exclude health posts
```

```
tab factbxray if factype!=5 [iw=wt],m
```

```
/*gen xray=0
```

```
replace xray=1 if ((q881b_1==1 & q881c_1==1) | (q881b_2==1 & q881c_2==1 & q881b_3==1))
```

```
tab xray [iw=wt]
```

```
*/
```

```
*full blood count
```

```
gen blood_count=0
```

```
replace blood_count=1 if (q802b_1==1 & q802c_1==1)
```

```
tab blood_count if factype!=5 [iw=wt]
```

```
/*gen blood_count=0
```

```
replace blood_count=1 if (q802a_1==1 & q802b_1==1 & q802c_1==1)
```

```
tab blood_count [iw=wt]
```

```
*/
```

```
*Blood glucose ok - remove health posts - although you can just use bloodgluc, no need to create  
a new variable
```

```
recode bloodgluc 9=.
```

```
recode bloodgluc (1=1 "available") (0=0 "not available"), gen (blood_glucose)
```

```
label variable blood_glucose "Blood glucose"
```

```
tab blood_glucose if factype!=5 [iw=wt],m
```

```
*liver or renal function test
```

```
gen lrt=0
```

```
replace lrt =1 if q834==1 & q835==1
```

```
tab lrt if factype!=5 [iw=wt]
```