
Subject: Re: Replicating table 3.3 and 3.7 in Tanzania SPA 2014-15

Posted by [shakim](#) on Tue, 24 Aug 2021 18:34:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

Dear Sara,

Thanks for your response and I was able to get the same % as tables except the variable- X ray machine, full blood count, liver or renal function test".

Here is the codes with the output.

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

```
*Xray machine
```

```
gen xray=.
```

```
replace xray=0 if inrange(factype,1,7) | inrange(factype,12,14)
```

```
replace xr=1 if xray==0 & ((q881b_1==1 & q881c_1==1) | (q881b_2==1 & q881c_2==1 & q881b_3==1 & q881c_3==1))
```

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

```
xray | Freq. Percent Cum.
```

```
-----+-----
```

```
0 | 49.745353 37.16 37.16
```

```
1 | 84.1219059 62.84 100.00
```

```
-----+-----
```

```
Total | 133.867259 100.00
```

In the report table the % is 63.0 (table 3.7.3).

```
*Full blood count
```

```
gen blood_count=.
```

```
replace blood_count=0 if inrange(factype,1,7) | inrange(factype,12,14)
```

```
replace blood_count=1 if blood_count==0 & ((q834==1 & q835==1) | (q802eb_1==1 & q802ec_1==1 & q802eb_2==1 & q802eb_3==1 & q802ec_3==1))
```

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

```
blood_count | Freq. Percent Cum.
```

```
-----+-----
```

```
0 | 35.4440796 26.48 26.48
```

```
1 | 98.4231793 73.52 100.00
```

```
-----+-----
```

```
Total | 133.867259 100.00
```

In the final report table the % is 66.9 (table 3.7.3).

```
**Liver or renal function test
```

```
gen lrt=.
```

```
replace lrt=0 if inrange(factype,1,7) | inrange(factype,12,14)
```

```
replace lrt =1 if lrt==0 & q833==1 & ((q834==1 & q835==1) |(q835c==1 & q835d==1))
```

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

```
lrt | Freq. Percent Cum.
```

-----+
0 70.8263274 52.91 52.91
1 63.0409315 47.09 100.00
-----+
Total 133.867259 100.00

In the report the % is 46.5 (table 3.7.3).
How can I get the same % of this variables as the table?

Regards,
Shakim
