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

Posted by [SaraDHS](#) on Wed, 18 Aug 2021 15:13:11 GMT

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Hello Shakim,

Recreating the SPA tables can be a challenge, as the construction of variables can change from country to country. If you want to recreate the tables, first make sure you are using the facility weights.

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

Your code for the specific items in the tables is close. I have checked the CSpPro code that was used to create the tables originally, and recreated it below. These all match within 1%.

\*WATER

```
gen water=0
```

```
replace water=1 if inlist(q330,1,2,10) | (inlist(q330,3, 4, 5, 7, 9) & inlist(q331, 1, 2))
```

```
tab water [iw=wt]
```

\*COMMUNICATION EQUIPMENT

```
gen commu1=0
```

```
replace commu1=1 if q311==1 & q312==1
```

```
gen commu2=0
```

```
replace commu2=1 if q315==1 & q314==1
```

```
gen commu3=0
```

```
replace commu3=1 if q317==1 & q318==1
```

```
gen commu4=0
```

```
replace commu4=1 if q315a==1
```

```
gen commun=0
```

```
replace commun=1 if commu1==1 | commu2==1 | commu3==1 | commu4==1
```

```
tab commun [iw=wt]
```

\*EMERGENCY TRANSPORT

```
gen emergen_transport=0
```

```
replace emergen_transport=1 if (q450==1 & q453==1) | q452==1
```

```
tab emergen_transport [iw=wt]
```

\*LIVER OR RENAL FUNCTION TEST

```
gen lrt=0
```

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

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

\*XRAY MACHINE

gen xray=0

replace xray=1 if (q881a\_1==1 & q881b\_1==1) | (q881a\_2==1 & q881b\_2==1)

tab xray [iw=wt]

Best of luck with your work!

Sara

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