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Subject: Re: Tuberculosis and Childhood Tuberculosis

Posted by [NKS](#) on Wed, 08 Jun 2022 07:27:27 GMT

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Thank you for the quick response.

I have already applied the state weight and IW. The number of usual residents for states which is "N" is matching with the state report while point prevalence by age-group and gender is not. For instance, point prevalence among <15 years for UP was estimated as 34/100,000 from the data but in the report, it is 356/100,000.

Here is the full command of STATA, which I have employed for the state of Uttar Pradesh (if hv024==9):

```
gen tb_mtreated =0
replace tb_mtreated =1 if sh29aa>=1 & sh29aa<=3
proportion tb_mtreated if hv102==1 [iw=hv005/1000000]

recode hv105 (0/14=1 "0-14 years") (15/59=2 "15-59 years") (else=3 ">=60 years"), gen (age)

proportion tb_mtreated if hv102==1 & hv024==9 [iw=shweight/1000000], over (age)
proportion tb_mtreated if hv102==1 & hv024==9 [iw=shweight/1000000], over (hv104)
proportion tb_mtreated if hv102==1 & hv024==9 [iw=shweight/1000000]
```

//Results from STATA//

```
proportion tb_mtreated if hv102==1 & hv024==9 [iw=shweight/1000000], over (age)
```

Proportion estimation            Number of obs   =   364,194

\_prop\_1: tb\_mtreated = 0

\_prop\_2: tb\_mtreated = 1

\_subpop\_1: age = <15

\_subpop\_2: age = 15-59

\_subpop\_3: age = >=60

Over   Proportion   Std. Err.   [95% Conf. Interval]

\_prop\_1

\_subpop\_1   .9996582   .0000553   .9995307   .9997511

\_subpop\_2   .9975473   .0001065   .9973295   .9977473

\_subpop\_3   .994669   .0003812   .9938673   .9953665

\_prop\_2

\_subpop\_1   .0003418   .0000553   .0002489   .0004693

\_subpop\_2   .0024527   .0001065   .0022527   .0026705

\_subpop\_3    .005331   .0003812    .0046335   .0061327

Request you to kindly look at the discrepancies.

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