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Subject: Re: STATA code for replicating table 2.4 in BHFS 2017

Posted by [SaraDHS](#) on Thu, 08 Jul 2021 16:44:24 GMT

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Greetings Rubyath,

In order to recreate table 8.1 in the final report, you can use the code below.

use "BDPV7IFLSP.DTA", clear //the Provider file, which has the training variables

\*training in the past 24 months

```
gen diab_train_24=0
```

```
replace diab_train_24=1 if p207==1 & p208==1
```

\*training ever

```
gen diab_train_ever=0
```

```
replace diab_train_ever=1 if p207==1 & (p208==1 | p208==2)
```

\*Collapse by facility

```
collapse (mean) diab_train_24 diab_train_ever, by(facil)
```

\*recode so any facility with at least one staff member trained is coded as 1

```
recode diab_train_24 0.0001/1=1
```

```
recode diab_train_ever 0.0001/1=1
```

```
sort facil
```

```
save "BPdiabprov.dta", replace
```

\*Merge the collapsed provider file with the facility file

```
merge 1:1 facil using "BDFC7IFLSP.dta"
```

\*Generate a code for facilities which have any diabetes services

```
gen anydiabserv=0
```

```
replace anydiabserv=1 if inrange(q2301,1,3)
```

\*Code guidelines variable

```
gen guidelines=0
```

```
replace guidelines=1 if q2303==1 | q2305==1
```

\*Generate weight variables for facilities

```
gen fwt = facwt/1000000
```

```
egen strata = group(factype region)
```

```
svyset [iw=fwt], psu(facil) strata(strata) singleunit(centered)
```

\*Proportions below are the same as in the "total" row in table 8.1 final report

```
svy: tab guidelines if anydiabserv==1
```

```
svy: tab diab_train_24 if anydiabserv==1
```

```
svy: tab diab_train_ever if anydiabserv==1
```

\*To exclude CCs, just recode the factype variable to exclude the CCs, and tab the variables of interest by the recoded variables

I hope this is helpful for your analysis.

Best,  
Sara

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