Subject: Bangladesh infant mortality replication
Posted by busbyj2 on Tue, 09 Jun 2015 17:30:49 GMT
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We're trying to replicate the infant mortality data from 2011 DHS survey for Bangladesh for the Divisions but we're getting different numbers than what's in the report.

Here is a piece of our STATA code. Would welcome any troubleshooting.

```
gen prev5yr = v008 - b3 < 60
gen prev3yr = v008 - b3 < 36

gen infdeath = b6 <= 211
replace infdeath = . if b6 == 997 | b6 == 998 | b6 == 999

gen chldeath = b6 <= 305
replace chldeath = . if b6 == 997 | b6 == 998 | b6 == 999

gen attbirth = m3a == 1
replace attbirth = 1 if m3b == 1
replace attbirth = 1 if m3c == 1
replace attbirth = 1 if m3d == 1
replace attbirth = 1 if m3e == 1
replace attbirth = 1 if m3f == 1

gen delhfac = m15 != 11
replace delhfac = 1 if m3g == 1

********** 1 - INFANT MORTALITY (PREV 5 YEARS) **********

gen indic=1

svy: mean infdeath, subpop(prev5yr)
* show size of subpopulations
estat size
* store Part_Results in various variables
matrix m=e(b)
matrix s=e(V)
matrix su=e(_N)
estat effects, deft
matrix d=e(deft)

gen natl=m[1,1]
gen senatl=s[1,1]
gen sizenatl=su[1,1]
gen deftnatl=d[1,1]

svy: mean infdeath, over(region)  subpop(prev5yr)
```

```
estat size
matrix mq=e(b)
matrix sq=e(V)
matrix suq=e(_N)
estat effects, deft
matrix dq=e(deft)

forvalues i = 1/`numreg'{
 gen reg`i'=mq[1,`i']
}
forvalues i = 1/`numreg'{
 gen sereg`i'=sq[`i',`i']
}
forvalues i = 1/`numreg'{
 gen sizereg`i'=suq[1,`i']
}
forvalues i = 1/`numreg'{
 gen deftreg`i'=dq[1,`i']
}
savesome indic-deftreg`numreg' if _n==1 using birth_result1, replace
matrix drop m s su mq sq suq d dq
drop natl senatl sizenatl deftnatl indic

forvalues i = 1/`numreg'{
 drop reg`i'
}
forvalues i = 1/`numreg'{
 drop sereg`i'
}
forvalues i = 1/`numreg'{
 drop sizereg`i'
}
forvalues i = 1/`numreg'{
 drop deftreg`i'
}
```

Subject: Re: Bangladesh infant mortality replication
Posted by Bridgette-DHS on Wed, 10 Jun 2015 15:07:01 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

It happens that in January I prepared a version of my Stata under-five mortality program for this survey. The program and the log file are attached. I do not use the Stata do-file editor. You will probably want to put it into that. Please check the paths. The approach you are using will get close but will not give an exact match to the DHS procedures. Let me know if you have questions.

File Attachments

1) child_mort_BD61_no_ci_22Jan2015_do.txt, downloaded 943 times
2) child_mort_BD61_no_ci_22Jan2015_log.txt, downloaded 852 times

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Subject: Re: Bangladesh infant mortality replication
Posted by busbyj2 on Wed, 10 Jun 2015 15:16:53 GMT
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Thank you! Will be in touch should we have additional queries.

Subject: Re: Bangladesh infant mortality replication
Posted by Bridgette-DHS on Wed, 17 Jun 2015 15:45:23 GMT
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You are welcome.

Subject: Re: Bangladesh infant mortality replication
Posted by abpromiti on Sun, 03 Jun 2018 16:05:43 GMT
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hello,
How can i calculate infant mortality using spss?should i use B6 or B7?i m using IR file from BDHS 2014.

Subject: Re: Bangladesh infant mortality replication
Posted by Bridgette-DHS on Wed, 06 Jun 2018 15:22:56 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

All the under-five mortality rates are calculated from the BR file, NOT the IR file. The calculation uses b7, which is a recode of b6. The calculation is complicated. Some details are given in the Guide to DHS Statistics (https://www.dhsprogram.com/pubs/pdf/DHSG1/Guide_to_DHS_Statistics_29Oct2012_DHSG1.pdf). To match DHS you need a special program which is not generally distributed.