
Subject: Early Childhood mortality in Myanmar

Posted by [Sai San Moon Lu](#) on Tue, 27 Feb 2018 15:13:03 GMT

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Dear Sir/Madam,

For my thesis, inequalities in childhood mortality in Myanmar, I would like to investigate the associations between mother's socioeconomic status (Education, Residence, Wealth) vs neonatal, post-neonatal & child (1-4) mortality by using Myanmar DHS STATA data-set (mmb71)(2015-2016).

1) Could you please teach me how to do logistic regression to find association between mother's residence(Urban/Rural) and post-neonatal mortality (10 yrs preceding the survey) as an example by using STATA data-set? I would like to learn the "do file" from previous similar studies as well.

2) Could you pls suggest the variables codes I should use for the treatments (education,residence,wealth) and outcomes (neonatal,post-neonatal,child)?

3) I would like to learn how to compute early childhood mortality rate stratified by background/demographic characteristics (Table 8.2 &8.3 from Myanmar DHS final report_2015/16) in STATA. Can I also learn the "do files" that were used to compute data for table 8.2, 8.3 and 8.5 in Myanmar DHS latest report? (table 8.2= Early childhood mortality rates by socioeconomic characteristics, 8.3=Early childhood mortality rates by demographic characteristics, 8.5= High risk fertility behavior)

Thanks in advance

Kind Regards,

Sai San Moon Lu

Subject: Re: Early Childhood mortality in Myanmar

Posted by [Liz-DHS](#) on Tue, 27 Feb 2018 20:41:28 GMT

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Dear User,

Please refer to The Guide to DHS Statistics [https://](https://www.dhsprogram.com/publications/publication-dhsg1-dhs-questi-onnaires-and-manuals.cfm)

www.dhsprogram.com/publications/publication-dhsg1-dhs-questi-onnaires-and-manuals.cfm, the Standard Recode Manual [https://](https://www.dhsprogram.com/publications/publication-DHSG4-DHS-Questi-onnaires-and-Manuals.cfm)

www.dhsprogram.com/publications/publication-DHSG4-DHS-Questi-onnaires-and-Manuals.cfm, and a link for Stata Tutorial http://www.cpc.unc.edu/research/tools/data_analysis/statatutorial.

Please note: the user forum is designed for users to share experiences and answer brief questions, but not to teach analysis.

Thank you!

Subject: Re: Early Childhood mortality in Myanmar

Posted by [Sai San Moon Lu](#) on Wed, 28 Feb 2018 09:23:32 GMT

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Thank you for the links..

Subject: Re: Early Childhood mortality in Myanmar

Posted by [ssing_2080@hotmail.com](#) on Fri, 09 Mar 2018 09:01:21 GMT

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Dear Sai San Moon Lu,

Greetings from Nepal,

I am stuck while calculating logistic regression for Under 5 Mortality. So will you please send me your do files if you have calculated already?

Thanks,

Subject: Re: Early Childhood mortality in Myanmar

Posted by [Liz-DHS](#) on Thu, 03 May 2018 21:01:15 GMT

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Dear User, Please refer to the following thread: https://userforum.dhsprogram.com/index.php?t=msg&th=6371&got_o=13114&#msg_13114 Thank you!

Subject: Re: Early Childhood mortality in Myanmar

Posted by [Sai San Moon Lu](#) on Fri, 04 May 2018 08:45:13 GMT

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Dear User,

Regarding your question, I like to share what i have done so far.

When I tested log regression to investigate association between mother's education and under five mortality (uni-variate analysis), I used the following commands for instance;

```
** SAMPLE WEIGHTING **
```

```
generate wgt = v005/1000000
```

```
svyset [pw=wgt], psu(v021)strata(v023)
```

```
label variable wgt " sample weight"
```

```
*** RECODING INDEPENDENT VARIABLES ***
```

```
* Recode Mother Education *
```

```
recode v106 (3=0 "higher") (2=1 "secondary") (1=2 "primary") (0=3 "no education") (.=99
```

"missing"), generate (M_E)
label variable M_E "Mother Education Recode"

*** RECODING DEPENDENT VARIABLES**

* Under 5 mortality (0-4yrs)*
recode b7 (0/59=1 "U5 death") (else=0 "alive >5yrs"), generate (u5)
label variable u5 "Under 5 mortality (0-4yrs)"

** Logistic regression for mother's education and u5 deaths (Uni-variate) ***
drop if M_E==99
svy: logistic u5 i.M_E

If you want to calculate the under-five mortality rate additionally, pls refer the following link;
[https:// userforum.dhsprogram.com/index.php?t=msg&th=6371&got o=13114&#msg_13114](https://userforum.dhsprogram.com/index.php?t=msg&th=6371&got_o=13114&#msg_13114)

Hope it will be helpful..

Regards,
Moon
