Subject: Weight about pooling 2003,2008,2013,2018 BR dataset in Nigeria
Posted by geass on Sat, 21 Mar 2020 22:43:22 GMT
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I did the following de-normalization.
In 2003,2008,2013,2018 BR data,according to"Note on DHS standard weight de-normalization"
V005*=V005×(total females age 15-49 in the country at the time of the survey)/(number of women age 15-49 interviewed in the survey)
For example, in 2018 BR dataset, I did
gen wgt=v005/1000000
gen wgt_new=(wgt*44911147)/41821
gen survey=1
egen clusterid=group(survey dhsclust)
egen stratumid=group(survey v023)

I did the same progress in 2013,2008,2003.
Then I pooled four rounds into one dataset.
I use the pooling data to do regression.
reg Y X [pw=wgt_new]

My question:
(1) Is the above weighting and pooling data right?
(2) When I do the regression, do I need to do "reg Y X [pw=wgt_new]" , OR just do "reg Y X" without "[pw=wgt_new]"

Thank you very much
I hope to receive your reply.