Subject: Re: DHS Burundi 1987
Posted by id709nvz on Wed, 07 Oct 2020 01:39:06 GMT
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Dear,
thanks for your insight and helpful comments. After going through the forum Q&A I follow the following weighting. Could you please evaluate it?

*After opening KR file of 2000 survey
gen wgt=v005/1000000
gen weight=(wgt*FEMALE POPULATION)/FEMALE SAMPLE -For KR 2000; FEMALE POPULATION=14619 and FEMALE POPULATION=15367
gen survey=1

*Same procedure for 2005, 2011 and 2016. Except that I used different total number of female population, female sample and with gen survey 2, 3, and 4 respectively. Then I appended the data starting from the latest survey (2016). Afterward, I did the following.

egen cluster=group(survey v021)   *V021 is PSU and survey identifies year of survey (coded 1, 2, 3 and 4)
egen stratum=group(survey v022)   *v022 is sample strata for sampling error
svyset cluster [pw=wgt], strata(stratum) singleunit(centered)

Is it correct to use: tab x1 x2 [iweight=wgt] or tab x1 x2 [iweight=weight]
how about svy: reg Y x1 x2 (Will this understand the complex nature of the survey).
Added to this: svy is not supported with ivreg2 stata command is there an alternative to this? I simply used ivreg2 with cluster option at v001.

Thank you in advance for any comments.
Kind regards!