Subject: Brant test
Posted by Asnake Yohannes on Fri, 23 Jan 2015 15:04:25 GMT
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Dear,I am working on 2011 Ethiopian DHS of Women dataset. I need to run brant test to test parallel line assumption for outcome variable that ordered in to three categories.
I run the command on STATA 13 like this:

svy: ologit outcome variable independent variables ,or
brant
output was "brant- does not work with ologit models with weights"

It works when I excluded the command svy or

ologit outcome variable independent variables ,or
brant : works

 May I have another alternative way to run brant test by considering svyset? Or I am looking for any advice concerning my problem.

Kindly regards,

Asnake.

Subject: Re: Brant test
Posted by Bridgette-DHS on Fri, 23 Jan 2015 17:37:45 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum
This is a Stata question and is not specific to DHS data, but I will offer a brief response.

It is not unusual to get a message to the effect that some part of svyset cannot be implemented. I suggest that you repeat svyset with fewer components (in this case, without the pweight component), and repeat the model, until you get a result, in this case the brant test. You then insert a statement in your write-up saying that you had to do this.

An argument can be made that tests should be unweighted anyway. Also, DHS surveys do not usually have enormous variation in the weights, and you will usually reach the same conclusion about significance or non-significance whether or not you use the weights.

I won't be surprised if this specific limitation is removed in some future version of Stata.

Subject: Re: Brant test
Posted by Asnake Yohannes on Tue, 27 Jan 2015 08:14:10 GMT
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Dear Tom, really I appreciate for valuable guidance!