Subject: sample weights in women file
Posted by Laxmi Sharma on Thu, 23 Apr 2020 16:48:19 GMT
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Hello,

I am trying to find out effect of education on mensuration hygienic methods and I am using district fixed effect .

When I am using sample weights in fixed effect model ,
gen wgt =sample_weights/1000000
gen id = state*1000 +distt
xtset id
xtreg san_nap own_edu hsbnd_edu i.wealth_index i.cast_trib i.religion i.place_type i.grouped_age [pw=wgt] ,fe cluster(id)

I am getting error weight must be constant within id.

I do not understand why ??

Thanks

Subject: Re: sample weights in women file
Posted by Trevor-DHS on Tue, 12 May 2020 00:12:29 GMT
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You have constructed id as a combination of the state and the district, but it says that the weight must be a constant within id. Weights will vary from cluster to cluster, so you need to include the cluster number in id.