Subject: Random effects with survey design adjustment?
Posted by lmcdougal on Thu, 20 Jun 2013 18:01:49 GMT

I'm working on an analysis of predictors of wasting in South Asia. My sample is children under 5 whose mothers also have individual interview data, and I'm using a multinomial logistic regression.

It seems like I should include mothers as a random effect in this model, to account for unmeasured differences by mother. Does anyone have suggestions as to how to accomplish this in Stata (or SAS, for that matter) while still taking into account the survey design features of the DHS? I can't find a Stata command that accepts both random effects and the "svy" prefix.

Thanks so much!