Thank you for this very informative response. I was able to make the first suggestion work, using i.survey as a dummy variable. However, I ran into a few new problems when attempting to correct the svy:melogit model, which I understand is the best practice.

I hope I understood your suggestion well to create weights for both the survey and cluster level in order to be able to add in random effects. Clearly I am doing one or several things wrong still, so I'll continue to be grateful for your advice.

From myy original syntax I kept:

generate weight = v005/10000000
egen clusters=group(survey v021)

Then I created a variable called surveyweight for each survey: (female population ages 15-49 of country survey year) / (# females 15-49 in survey)

Then attempted to redo the svyset command correctly:
svyset survey, weight(surveyweight) || clusters, weight(v005)

Then ran the svy: melogit command once again as per your advice and the stata manual to which referred (thank you!):
svy: melogit child_cough_care v476_1 i.v013 i.religion i.v106 i.v190 HIV_accept [pweight=weight] || survey: || clusters:
Then received error message: weights not allowed

So I removed [pweight=weight], although I don't know that this is correct to do, and then ran the model without it:
svy: melogit child_cough_care v476_1 i.v013 i.religion i.v106 i.v190 HIV_accept || survey: || clusters:
And as you rightly predicted, it never converged...

I cannot understand why the weight [pweight=weight] was not allowed, but I suppose that since it still does not converge even after removal of the weight, I should go for the metaan step. Can you kindly clarify?

Thank you in advance for any further assistance!

Christina