Dear Bruno,

Thank you for your prompt reply.

I've pooled seven rounds of DHS data. In this case, I would like to use the multi-level regression model with TFR (as dependent variable) and other socioeconomic variables (independent variables) such as education, wealth index, type of residence, religion, community-level variables (drawn from the person level response), etc. Also, how we can use the combined data to measure period wise TFR.

Please see the attached file, based on all seven rounds of data, which is the output of your given syntax. I can understand that this calculation gives a cluster wise calculation, but I wonder if I should use it for pooled data because it gives only one central estimate of the date. Also, how to coordinate this estimation data for regression model because there is no id available and several similar clusters. And the figures are based on a range of just 5 years(15,20,25,30,35,40,45).

Please help me in this regard.

Thank you in advance.

Regards,
Jayanta