Subject: Re: All women factor in stata
Posted by Bridgette-DHS on Mon, 25 Apr 2016 12:41:01 GMT
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Following is another response from Tom Pullum:

I think this may be getting even more complicated than is really necessary. The all-woman factors are needed when you are trying to estimate something for all women, but you have to work with ever-married women because that's all you have in the sample. An example is when you want to estimate a fertility rate for all women but you only have the births and exposure for ever-married women. You have to assume that (a) never-married women have no births and (b) awfact/100 is a multiplier to inflate exposure for ever-married women to exposure for all women. What kind of a logit regression are you doing for which this distinction is relevant? What is the binary outcome variable? Can you assume that all of the never-married women would have the same specific outcome (either 0 or 1) if you could measure it?

The all-woman factors are calculated for categories such as all urban women or all rural women. Those categories/variables must be present in the household survey. In a multivariate analysis, which your use of logit regression suggests, the factors may not be prepared in advance. If you want to do something complicated, it will be safest to bypass the all-woman factors all together and just say that you are working with ever-married women. You may have to accept that it will be difficult and maybe impossible to extrapolate to all women. If the officials in a country wanted to produce estimates that apply to all women, then they should have interviewed all women.