Subject: Re: Calculating stillbirth using Ethiopia DHS 2000
Posted by Trevor-DHS on Thu, 30 Aug 2018 15:43:29 GMT

I have made a couple of change to the code above:
1) I realized that pidx97 and pord97 are also in reverse order, so I have added those to the fixes above.
2) I added v201 and tot_pregs into the keep command to use for calculating pregnancy interval, pregnancy order and birth order.

Below is additional code for calculating pregnancy interval, pregnancy order and birth order:
```
* create pregnancy interval variable
by caseid: gen     pregint = cmc_preg - cmc_preg[_n+1]
by caseid: replace pregint = cmc_preg - cmc_preg[_n+2] if cmc_preg == cmc_preg[_n+1] // if a twin
by caseid: replace pregint = cmc_preg - cmc_preg[_n+3] if cmc_preg == cmc_preg[_n+2] // if the third of triplets
by caseid: replace pregint = cmc_preg - cmc_preg[_n+4] if cmc_preg == cmc_preg[_n+3] // if the fourth of quadruplets

* create pregnancy order variable
by caseid: gen     pregord = tot_pregs-pidx97+1
by caseid: replace pregord = pregord[_n+1] if cmc_preg == cmc_preg[_n+1] // if a twin
by caseid: replace pregord = pregord[_n+2] if cmc_preg == cmc_preg[_n+2] // if the third of triplets
by caseid: replace pregord = pregord[_n+3] if cmc_preg == cmc_preg[_n+3] // if the fourth of quadruplets

* create birth order variable
by caseid: gen     birthord = v201-bidx97+1 if bidx97 > 0 // a live birth
by caseid: replace birthord = birthord[_n+1] if bidx97 > 0 & bidx97[_n+1] > 0 & cmc_preg == cmc_preg[_n+1] // if a twin
by caseid: replace birthord = birthord[_n+2] if bidx97 > 0 & bidx97[_n+2] > 0 & cmc_preg == cmc_preg[_n+2] // if the third of triplets
by caseid: replace birthord = birthord[_n+3] if bidx97 > 0 & bidx97[_n+3] > 0 & cmc_preg == cmc_preg[_n+3] // if the fourth of quadruplets
```
This code calculates the pregnancy interval, pregnancy order and birth order, taking into account twins.