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

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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.
