

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.

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