
Subject: Re: I need help constructing a variable in Stata
Posted by [Bridgette-DHS](#) on Mon, 18 Sep 2017 14:05:01 GMT
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Here is another response from DHS Stata Expert, Tom Pullum:

The following Stata lines should accomplish what you want, with the births re-sequenced by birth order rather than by recency.

```
quietly summarize v201
scalar max_ceb=r(max)
```

```
keep v011 b3* bord*
rename b*_0* b*_*
```

```
* bord_1 is the birth order of the most recent birth
* the first birth will be the one for which bord_1=1 or bord_2=1 or bord3=1, etc
* the second birth will be the one for which bord_1=2 or bord_2=2 or bord3=2, etc
```

```
local lj=1
quietly while `lj'<=max_ceb {
  gen b3ordered_`lj'=.

```

```
    local li=1
    while `li'<=max_ceb {
      replace b3ordered_`lj'=b3_`li' if bord_`li'==`lj'
      local li=`li'+1
    }

```

```
local lj=`lj'+1
}
```

```
summarize b3_*
summarize b3ordered_*
```
