Dear Tom Pullum,

Thank you very much for your kind response. I have used the codes below and the logistic regression worked without error. However, the number of stillbirth has reduced from 236 (DHS final report) to 232 and early neonatal deaths as decrease from 378 (DHS final report) to 338 see below codes and cross tabulations. Thus, I am concern if my calculations are correct. My primary outcome interest is perinatal mortality. Secondly, I generated party by recoding the total births entries (v224) to parity 0,1,2,3,4,5+. However, when I cross tabulated early neonatal deaths and parity, parity 0 had zero early neonatal deaths. This looks weird to me and was concern perhaps something is wrong with my analysis. see below and cross tabulations. I look forward hearing from you soon. Your kind response is very highly solicited.

```
gen stillbirths = 0
label variable stillbirths "Stillbirths"
gen births = 0
label variable births "Births in calendar"
gen births2 = 0
label variable births2 "Births in birth history"

gen earlyneo = 0
label variable earlyneo "Early neonatal deaths"
gen infant_deaths=0
label variable "infant deaths"
gen child_deaths=0
label variable "child deaths"
gen beg = v018
gen end = v018+59
local vcal_len = strlen(vcal_1[1])
forvalues i = 1/`vcal_len' {
  replace births = births+1 if inrange(`i',beg,end) & substr(vcal_1,`i',1) == "B"
  replace stillbirths = stillbirths+1 if inrange(`i',beg,end) & substr(vcal_1,`i',7) == "TPPPPPP"
}

replace end = v008
replace beg = v008-59

rename b3_0* b3_*
rename b6_0* b6_*
forvalues i = 1/20 {
  replace births2 = births2+1 if inrange(b3_`i',beg,end)
  replace earlyneo = earlyneo+1 if inrange(b3_`i',beg,end) & inrange(b6_`i',100,106)
  replace infant_deaths = infant_deaths+ 1 if inrange(b3_`i',beg,end) & inrange(b6_`i',100,211)
  replace child_deaths = child_deaths+ 1 if inrange(b3_`i',beg,end) & inrange(b6_`i',212,304)
}
```

```
gen totpreg7m = births2+stillbirths
label variable totpreg7m "Number of pregnancies of 7+ months duration"
gen perinatal = earlyneo+stillbirths
label variable perinatal "Perinatal mortality"
gen wt = v005/1000000
svyset v021 [pw = wt], strata(v023) singleunit(centered)

 svy: tab parity earlyneo, count cellwidth(12) format(%12.2g)
(running tabulate on estimation sample)
```

Number of strata =   56   Number of obs   =   24,562
Number of PSUs   =   850   Population size   =   24,562
                          Design df   =   794

```
----------------------------------------------------
          |        Early neonatal deaths
paritylab |        0          1        Total
----------+-----------------------------------------
       0 |     5532          0        5532
       1 |     3747         51        3798
       2 |     3428         91        3519
       3 |     3095         47        3141
       4 |     2635         46        2682
      5+ |     5787        103        5890
          |
    Total |    24224        338       24562
----------------------------------------------------
  Key:  weighted count
```

  Pearson:
   Uncorrected   chi2(5)   = 124.1167
   Design-based $F_{(4.84, 3845.21)}$= 15.1343   P = 0.0000

```
. svy: tab wealth stillbirths, count cellwidth(12) format(%12.2g)
(running tabulate on estimation sample)
```

Number of strata =   56   Number of obs   =   24,562
Number of PSUs   =   850   Population size   =   24,562
                          Design df   =   794

```
----------------------------------------------------
wealth    |
index     |          Stillbirths
combined  |        0          1        Total
----------+-----------------------------------------
 poorest |     4699         46        4745
  poorer |     4641         51        4692
  middle |     4584         50        4635
```

```
     richer |     4653        27        4680
    richest |     5752        58        5810
            |
      Total |    24330       232       24562
------------------------------------------------------
  Key:  weighted count

  Pearson:
   Uncorrected   chi2(4)      =    8.8778
   Design-based  F(3.85, 3059.99)=   1.2668    P = 0.2814
```