STATA results for exemplar5

```
/*-------------------------------------------------------------
> first define the design - only need weighting
> -------------------------------------------------------------*/
. svyset [pweight=weight]
pweight is weight

. /*-------------------------------------------------------------
> now get proportions of various categories
> compared with unweighted tables
> -------------------------------------------------------------*/
. svyprop q85a

------------------------------------------------------------------------------
pweight:  weight                                  Number of obs      =       358
Strata:   <one>                                   Number of strata   =         1
PSU:      <observations>                          Number of PSUs     =       358
                                                  Population size    = 430.92195
------------------------------------------------------------------------------

Survey proportions estimation

  +------------------------------------------------------------+
  |                       q85a   Obs   Est. Prop.   Std. Err. |
  |------------------------------------------------------------|
  |                never used   210     0.583114    0.027406 |
  |        tried once or twice    90     0.249705    0.024043 |
  |                  use daily    12     0.034062    0.010116 |
  |                 use weekly     8     0.024087    0.008803 |
  |         used in last month    11     0.027770    0.008459 |
  |------------------------------------------------------------|
  | used more than a month ago    27     0.081263    0.015942 |
  +------------------------------------------------------------+

. tabulate q85a

                     q85a |      Freq.     Percent        Cum.
--------------------------+-----------------------------------
               never used |        210       58.66       58.66
       tried once or twice |         90       25.14       83.80
                 use daily |         12        3.35       87.15
                use weekly |          8        2.23       89.39
        used in last month |         11        3.07       92.46
used more than a month ago |         27        7.54      100.00
--------------------------+-----------------------------------
                     Total |        358      100.00

. svyprop q85b

------------------------------------------------------------------------------
pweight:  weight                                  Number of obs      =       338
Strata:   <one>                                   Number of strata   =         1
PSU:      <observations>                          Number of PSUs     =       338
                                                  Population size    = 407.87389
------------------------------------------------------------------------------

Survey proportions estimation

  +-----------------------------------+
  | q85b   Obs   Est. Prop.   Std. Err. |
  |-----------------------------------|
  |    1   281     0.820471    0.022514 |
  |    2    32     0.097191    0.016914 |
  |    3     1     0.002725    0.002726 |
  |    4     1     0.004927    0.004918 |
  |    5     5     0.016345    0.007902 |
  |-----------------------------------|
  |    6    18     0.058341    0.014174 |
  +-----------------------------------+
```

```
. tabulate q85b

       q85b |      Freq.     Percent        Cum.
------------+-----------------------------------
          1 |        281       83.14       83.14
          2 |         32        9.47       92.60
          3 |          1        0.30       92.90
          4 |          1        0.30       93.20
          5 |          5        1.48       94.67
          6 |         18        5.33      100.00
------------+-----------------------------------
      Total |        338      100.00

. svyprop living

------------------------------------------------------------------------------
pweight:  weight                                  Number of obs      =       361
Strata:   <one>                                   Number of strata   =         1
PSU:      <observations>                          Number of PSUs     =       361
                                                  Population size    = 435.17478
------------------------------------------------------------------------------

Survey proportions estimation

  +---------------------------------------------+
  |        living   Obs   Est. Prop.   Std. Err. |
  |---------------------------------------------|
  |        single    29     0.086536    0.016202 |
  |   sing parent    16     0.050037    0.012584 |
  |        couple    52     0.151834    0.020111 |
  | couple w kids    62     0.179171    0.021241 |
  |         other   202     0.532421    0.027604 |
  +---------------------------------------------+

. tabulate living

       living |      Freq.     Percent        Cum.
--------------+-----------------------------------
       single |         29        8.03        8.03
  sing parent |         16        4.43       12.47
       couple |         52       14.40       26.87
couple w kids |         62       17.17       44.04
        other |        202       55.96      100.00
--------------+-----------------------------------
        Total |        361      100.00

. svyprop genhelf

------------------------------------------------------------------------------
pweight:  weight                                  Number of obs      =       361
Strata:   <one>                                   Number of strata   =         1
PSU:      <observations>                          Number of PSUs     =       361
                                                  Population size    = 435.17478
------------------------------------------------------------------------------
Survey proportions estimation

  +-----------------------------------------+
  |   genhelf   Obs   Est. Prop.   Std. Err. |
  |-----------------------------------------|
  | excellent    72     0.186660    0.020762 |
  | very good   139     0.377625    0.026673 |
  |      good   120     0.343566    0.026397 |
  |      fair    24     0.070042    0.014328 |
  |      poor     6     0.022107    0.009443 |
  +-----------------------------------------+

. tabulate genhelf

    genhelf |      Freq.     Percent        Cum.
------------+-----------------------------------
  excellent |         72       19.94       19.94
  very good |        139       38.50       58.45
       good |        120       33.24       91.69
       fair |         24        6.65       98.34
       poor |          6        1.66      100.00
------------+-----------------------------------
      Total |        361      100.00
```

```
. svyprop empl

------------------------------------------------------------------------------
pweight:  weight                                  Number of obs      =       361
Strata:   <one>                                   Number of strata   =         1
PSU:      <observations>                          Number of PSUs     =       361
                                                  Population size    = 435.17478
------------------------------------------------------------------------------

Survey proportions estimation
```

empl	Obs	Est. Prop.	Std. Err.
in paid work or self employed - full time	154	0.423934	0.027258
in paid work or self employed - part time	44	0.119879	0.017706
unemployed	22	0.073019	0.015595
intending to look for work but prevented by temp sickness or looking after the home or family full time	11	0.039017	0.012018
	22	0.066568	0.014096
in full time education	108	0.277583	0.024020

```
. tabulate empl

                                empl |      Freq.     Percent        Cum.
-------------------------------------+-----------------------------------
in paid work or self employed - full ti |        154       42.66       42.66
in paid work or self employed - part ti |         44       12.19       54.85
                          unemployed |         22        6.09       60.94
intending to look for work but prevente |         11        3.05       63.99
looking after the home or family full t |         22        6.09       70.08
                in full time education |        108       29.92      100.00
-------------------------------------+-----------------------------------
                              Total |        361      100.00

. /*---------------------------------------------------------------
> some code to recode drug use into scores so that they make
> ordered categories
> ---------------------------------------------------------------*/
. recode q85a (1=0) (2=0) (3=1) (4=1) (5=1) (6=0.5) ,gen (canscore)
(358 differences between q85a and canscore)

. recode q85b (3=6) (1=0) (2=0) (3=1) (4=1) (5=1) (6=0.5) ,gen (ampscore)
(338 differences between q85b and ampscore)

. /*---------------------------------------------------------------
> now some mean scores to check design effects
> ---------------------------------------------------------------*/
. svymean  genhelf sinc sacc

Survey mean estimation

pweight:  weight                                  Number of obs    =       361
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       361
                                                  Population size  = 435.17478

------------------------------------------------------------------------------
    Mean |   Estimate    Std. Err.   [95% Conf. Interval]        Deff
---------+--------------------------------------------------------------------
 genhelf |   2.363313    .0527406    2.259594    2.467031    1.141333
    sinc |   18.71168    .6945963     17.3457    20.07766    1.312113
    sacc |  -.0675717    .0328835   -.1322396   -.0029038    1.038462
------------------------------------------------------------------------------

. /*---------------------------------------------------------------
> now some regressions to predict general health score
> although this is categorical it is quite legitimate to
> use it in a regression to look for simple associations
> ---------------------------------------------------------------*/
. svyregress genhelf sinc canscore ampscore
```

```
Survey linear regression

pweight:  weight                                  Number of obs    =       338
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       338
                                                  Population size  = 407.87389
                                                  F(   3,    335)  =     11.82
                                                  Prob > F         =    0.0000
                                                  R-squared        =    0.0688

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        sinc |   .0134715   .0050677     2.66   0.008     .0035033    .0234398
    canscore |   .5099733   .1471115     3.47   0.001     .2206008    .7993458
    ampscore |   .2301185   .0971406     2.37   0.018     .0390401    .4211969
       _cons |   2.015085   .0902006    22.34   0.000     1.837658    2.192512
------------------------------------------------------------------------------

. regress genhelf sinc canscore ampscore

      Source |       SS       df       MS              Number of obs =     338
-------------+------------------------------           F(  3,   334) =    7.77
       Model |  18.0620294     3  6.02067648           Prob > F      =  0.0000
    Residual |  258.757497   334  .774723046           R-squared     =  0.0652
-------------+------------------------------           Adj R-squared =  0.0569
       Total |  276.819527   337  .821422928           Root MSE      =  .88018

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        sinc |   .0130195   .0045219     2.88   0.004     .0041245    .0219145
    canscore |   .5442357   .1625674     3.35   0.001     .2244507    .8640206
    ampscore |   .1936597   .1319918     1.47   0.143    -.0659802    .4532997
       _cons |   2.019351   .0874236    23.10   0.000      1.84738    2.191321
------------------------------------------------------------------------------

.
. /*-----------------------------------------------------
> next bit of code gets some stata commands that
> enable you to generate nice output to paste into reports
>
> the findit command gives access to some regression formatiing
> commands available from a submission to the stata journal
>  FOLLOW THE WEB LINK IF YOU WANT TO INSTALL IT
>
> http://www.ats.ucla.edu/stat/stata/faq/outreg.htm
>
> Results are sent to an external file output.doc
  This was sued to produce the output in the exemplar page
> -----------------------------------------------------*/
. findit outreg

. net from http://www.stata.com
------------------------------------------------------------------------------------------------------------------------
----------------
http://www.stata.com/
```

```
. svyregress genhelf canscore

Survey linear regression

pweight:  weight                                  Number of obs    =       358
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       358
                                                  Population size  = 430.92195
                                                  F(   1,    357)  =      9.21
                                                  Prob > F         =    0.0026
                                                  R-squared        =    0.0225

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .4546734   .1498254     3.03   0.003     .1600221    .7493247
       _cons |   2.283758   .0566644    40.30   0.000      2.17232    2.395196
------------------------------------------------------------------------------

.    outreg using output.doc, nolabel replace

. svyregress genhelf ampscore

Survey linear regression

pweight:  weight                                  Number of obs    =       338
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       338
                                                  Population size  = 407.87389
                                                  F(   1,    337)  =      3.45
                                                  Prob > F         =    0.0640
                                                  R-squared        =    0.0141

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    ampscore |   .3016327   .1623158     1.86   0.064    -.0176471    .6209125
       _cons |   2.323339   .0533271    43.57   0.000     2.218443    2.428235
------------------------------------------------------------------------------

.    outreg using output.doc , nolabel append

. svyregress genhelf sinc

Survey linear regression

pweight:  weight                                  Number of obs    =       361
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       361
                                                  Population size  = 435.17478
                                                  F(   1,    360)  =      8.13
                                                  Prob > F         =    0.0046
                                                  R-squared        =    0.0323

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        sinc |   .0146277   .0051302     2.85   0.005     .0045388    .0247167
       _cons |   2.089603   .0896386    23.31   0.000     1.913322    2.265884
------------------------------------------------------------------------------

.    outreg using output.doc , nolabel append
```

```
. svyregress genhelf canscore  sinc

Survey linear regression

pweight:  weight                                  Number of obs    =       358
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       358
                                                  Population size  = 430.92195
                                                  F(   2,    356)  =      9.08
                                                  Prob > F         =    0.0001
                                                  R-squared        =    0.0475

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |    .439577   .1504393     2.92   0.004     .1437184    .7354357
        sinc |     .01257    .004982     2.52   0.012     .0027723    .0223678
       _cons |   2.051402   .0879524    23.32   0.000     1.878432    2.224372
------------------------------------------------------------------------------

.     outreg using output.doc , nolabel append

. svyregress genhelf  ampscore sinc

Survey linear regression

pweight:  weight                                  Number of obs    =       338
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       338
                                                  Population size  = 407.87389
                                                  F(   2,    336)  =      6.23
                                                  Prob > F         =    0.0022
                                                  R-squared        =    0.0426

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    ampscore |   .2850634   .1402797     2.03   0.043     .0091292    .5609975
        sinc |   .0134487   .0051076     2.63   0.009     .0034019    .0234955
       _cons |   2.072104   .0915095    22.64   0.000     1.892103    2.252106
------------------------------------------------------------------------------

.     outreg using output.doc , nolabel append

. svyregress genhelf canscore ampscore

Survey linear regression

pweight:  weight                                  Number of obs    =       338
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       338
                                                  Population size  = 407.87389
                                                  F(   2,    336)  =      9.14
                                                  Prob > F         =    0.0001
                                                  R-squared        =    0.0402

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .5090293   .1505447     3.38   0.001     .2129036     .805155
    ampscore |   .2468177   .1188762     2.08   0.039     .0129848    .4806505
       _cons |   2.266851   .0580489    39.05   0.000     2.152667    2.381035
------------------------------------------------------------------------------

.      outreg using output.doc , nolabel append

. svyregress genhelf canscore ampscore sinc
```

```
Survey linear regression

pweight:  weight                                  Number of obs    =       338
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       338
                                                  Population size  = 407.87389
                                                  F(   3,    335)  =     11.82
                                                  Prob > F         =    0.0000
                                                  R-squared        =    0.0688

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .5099733   .1471115     3.47   0.001     .2206008    .7993458
    ampscore |   .2301185   .0971406     2.37   0.018     .0390401    .4211969
        sinc |   .0134715   .0050677     2.66   0.008     .0035033    .0234398
       _cons |   2.015085   .0902006    22.34   0.000     1.837658    2.192512
------------------------------------------------------------------------------

.      outreg using output.doc , nolabel append

.
. /*-----------------------------------------------------
> now the same thing for an unweighted regression
> -----------------------------------------------------*/
.
. regress genhelf canscore

      Source |       SS       df       MS              Number of obs =     358
-------------+------------------------------           F(  1,   356) =   10.25
       Model |  8.14533065     1  8.14533065           Prob > F      =  0.0015
    Residual |  282.874222   356  .794590512           R-squared     =  0.0280
-------------+------------------------------           Adj R-squared =  0.0253
       Total |  291.019553   357  .815180821           Root MSE      =   .8914

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .5028069    .157043     3.20   0.001     .1939583    .8116554
       _cons |   2.236383   .0509959    43.85   0.000     2.136092    2.336674
------------------------------------------------------------------------------

.    outreg using output2.doc, nolabel replace

.
 regress genhelf ampscore

      Source |       SS       df       MS              Number of obs =     338
-------------+------------------------------           F(  1,   336) =    3.73
       Model |  3.04173794     1  3.04173794           Prob > F      =  0.0542
    Residual |  273.777789   336  .814814847           R-squared     =  0.0110
-------------+------------------------------           Adj R-squared =  0.0080
       Total |  276.819527   337  .821422928           Root MSE      =  .90267

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    ampscore |   .2594266   .1342712     1.93   0.054    -.0046916    .5235447
       _cons |   2.282698   .0498025    45.84   0.000     2.184734    2.380662
------------------------------------------------------------------------------

.    outreg using output2.doc , nolabel append
```

```
. regress genhelf sinc

      Source |       SS       df       MS              Number of obs =     361
-------------+------------------------------           F(  1,   359) =    9.90
       Model |  8.20930765     1  8.20930765           Prob > F      =  0.0018
    Residual |  297.790692   359  .829500536           R-squared     =  0.0268
-------------+------------------------------           Adj R-squared =  0.0241
       Total |         306   360         .85           Root MSE      =  .91077

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        sinc |   .0142075   .0045162     3.15   0.002      .005326     .023089
       _cons |   2.095164   .0849479    24.66   0.000     1.928106    2.262222
------------------------------------------------------------------------------

.    outreg using output2.doc , nolabel append

. regress genhelf canscore  sinc

      Source |       SS       df       MS              Number of obs =     358
-------------+------------------------------           F(  2,   355) =    9.13
       Model |  14.2324683     2  7.11623415           Prob > F      =  0.0001
    Residual |  276.787085   355  .779681929           R-squared     =  0.0489
-------------+------------------------------           Adj R-squared =  0.0435
       Total |  291.019553   357  .815180821           Root MSE      =    .883

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .4936069   .1555976     3.17   0.002      .187598    .7996158
        sinc |   .0123342   .0044143     2.79   0.005     .0036527    .0210157
       _cons |   2.046646    .084634    24.18   0.000     1.880199    2.213093
------------------------------------------------------------------------------

.     outreg using output2.doc , nolabel append

. regress genhelf  ampscore sinc

      Source |       SS       df       MS              Number of obs =     338
-------------+------------------------------           F(  2,   335) =    5.87
       Model |  9.37935175     2  4.68967587           Prob > F      =  0.0031
    Residual |  267.440175   335   .79832888           R-squared     =  0.0339
-------------+------------------------------           Adj R-squared =  0.0281
       Total |  276.819527   337  .821422928           Root MSE      =  .89349

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    ampscore |    .248102   .1329667     1.87   0.063    -.0134529    .5096569
        sinc |   .0129331   .0045902     2.82   0.005     .0039039    .0219623
       _cons |   2.081722   .0867068    24.01   0.000     1.911164    2.252281
------------------------------------------------------------------------------

.     outreg using output2.doc , nolabel append

. regress genhelf canscore ampscore

      Source |       SS       df       MS              Number of obs =     338
-------------+------------------------------           F(  2,   335) =    7.35
       Model |  11.6396446     2  5.81982232           Prob > F      =  0.0008
    Residual |  265.179882   335  .791581737           R-squared     =  0.0420
-------------+------------------------------           Adj R-squared =  0.0363
       Total |  276.819527   337  .821422928           Root MSE      =  .88971

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .5415636    .164324     3.30   0.001     .2183267    .8648004
    ampscore |   .2053269   .1333573     1.54   0.125    -.0569963    .4676501
       _cons |   2.221969    .052432    42.38   0.000     2.118832    2.325107
------------------------------------------------------------------------------

.      outreg using output2.doc , nolabel append
```

```
. regress genhelf canscore ampscore sinc

      Source |       SS       df       MS              Number of obs =     338
-------------+------------------------------           F(  3,   334) =    7.77
       Model |  18.0620294     3  6.02067648           Prob > F      =  0.0000
    Residual |  258.757497   334  .774723046           R-squared     =  0.0652
-------------+------------------------------           Adj R-squared =  0.0569
       Total |  276.819527   337  .821422928           Root MSE      =  .88018

------------------------------------------------------------------------------
     genhelf |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    canscore |   .5442357   .1625674     3.35   0.001     .2244507    .8640206
    ampscore |   .1936597   .1319918     1.47   0.143    -.0659802    .4532997
        sinc |   .0130195   .0045219     2.88   0.004     .0041245    .0219145
       _cons |   2.019351   .0874236    23.10   0.000      1.84738    2.191321
------------------------------------------------------------------------------

.      outreg using output2.doc , nolabel append

. /*-------------------------------------------
> now look at the proportions in health groups
> by the original categories of cannabis use
> and a survey-corrected chi square
> -------------------------------------------*/
.
. svytab genhelf q85a,column percent

pweight:  weight                                Number of obs      =       358
Strata:   <one>                                 Number of strata   =         1
PSU:      <observations>                        Number of PSUs     =       358
                                                Population size    = 430.92195

------------------------------------------------------------------------------
         |                                  q85a
  genhelf | never us  tried on  use dail  use week   used in  used mor     Total
----------+-------------------------------------------------------------------
 excellen |    22.12     19.36     6.093      9.15         0     8.462     18.85
 very goo |    40.07     35.29     41.22     29.52     16.95     41.52     38.14
     good |    29.17     37.21     52.68     41.97     54.49     47.69      34.5
     fair |    6.549     8.149         0     19.36     20.33     2.325     7.073
     poor |    2.088         0         0         0     8.231         0     1.446
          |
    Total |      100       100       100       100       100       100       100
------------------------------------------------------------------------------
  Key:  column percentages

  Pearson:
    Uncorrected   chi2(20)        =   26.0092
    Design-based  F(18.84, 6725.01)=    1.2200    P = 0.2307

.
. /*-----------------------------------------
> now test out the effect of the finite population correction
> The number of women of this age group in the
> population is 29457. This will be set as the population
> size for all units since there is no startification here
> -----------------------------------------------*/
. generate popsize=29457

. /*-------------------------------------------------
> now redo the survey set up putting in the FPC
> this can be either the pop size if > number in strata
> (as here) or the sampling fraction
> GWEIGHT needs to be used since
> we need to have weights that add to population totals
> -------------------------------------------------*/
. svyset [pweight=gweight],fpc(popsize)
pweight is gweight
fpc is popsize
```

```
. /*-------------------------------------------
> now rerun one svy mean from above
> it makes little difference
> Though the first run was wrong because it needed
> to have weights that add to population totals
> ------------------------------------------------------------*/
. svymean  genhelf sinc sacc

Survey mean estimation

pweight:  gweight                                 Number of obs    =       361
Strata:   <one>                                   Number of strata =         1
PSU:      <observations>                          Number of PSUs   =       361
FPC:      popsize                                 Population size  = 29456.894

--------------------------------------------------------------------------------
    Mean |   Estimate    Std. Err.   [95% Conf. Interval]        Deff
---------+----------------------------------------------------------------------
 genhelf |   2.363313    .0524164    2.260232    2.466393    1.141333
    sinc |   18.71168     .690327     17.3541    20.06926    1.312113
    sacc |  -.0675717    .0326814   -.1318421   -.0033013    1.038462
--------------------------------------------------------------------------------
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
Weights must represent population totals for deff to be correct when
using an FPC.  Note: deft is invariant to the scale of weights.

.
end of do-file

.
```