# Trabajo Práctico N° 6:
# Modelos para Variables Dependientes Limitadas - Heckman.

## Ejercicio 1: Gastos Ambulatorios.

*Retomar la base de datos del Ejercicio 2 del Problem Set 5. Ahora, se estimará un modelo de dos partes de Heckman. Estos modelos sirven para muestras autoseleccionadas. Se modela, explícitamente, la ecuación que determina la selección y la ecuación de interés. En este ejercicio, se pide estimar un modelo de Heckman para los gastos ambulatorios y comparar con las predicciones de un modelo Tobit.*

Heckman (MLE):

```
Heckman selection model                         Number of obs     =      3,328
(regression model with sample selection)              Selected    =      2,802
                                                      Nonselected =        526

                                                Wald chi2(6)      =     288.88
Log likelihood = -5836.219                      Prob > chi2       =     0.0000

------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
lambexp      |
         age |   .2119749   .0230072     9.21   0.000     .1668816    .2570682
      female |   .3481441   .0601142     5.79   0.000     .2303223    .4659658
        educ |    .018716   .0105473     1.77   0.076    -.0019563    .0393883
      blhisp |  -.2185714   .0596687    -3.66   0.000    -.3355199    -.101623
      totchr |     .53992   .0393324    13.73   0.000     .4628299      .61701
         ins |  -.0299871   .0510882    -0.59   0.557    -.1301182    .0701439
       _cons |   5.044056   .2281259    22.11   0.000     4.596938    5.491175
-------------+----------------------------------------------------------------
dambexp      |
         age |   .0879359    .027421     3.21   0.001     .0341917      .14168
      female |   .6626649   .0609384    10.87   0.000     .5432278    .7821021
        educ |   .0619485   .0120295     5.15   0.000     .0383711    .0855258
      blhisp |  -.3639377   .0618734    -5.88   0.000    -.4852073   -.2426682
      totchr |   .7969518   .0711306    11.20   0.000     .6575383    .9363653
         ins |   .1701367   .0628711     2.71   0.007     .0469117    .2933618
      income |   .0027078   .0013168     2.06   0.040      .000127    .0052886
       _cons |  -.6760546   .1940288    -3.48   0.000    -1.056344   -.2957652
-------------+----------------------------------------------------------------
     /athrho |  -.1313456   .1496292    -0.88   0.380    -.4246134    .1619222
    /lnsigma |   .2398173   .0144598    16.59   0.000     .2114767     .268158
-------------+----------------------------------------------------------------
         rho |  -.1305955   .1470772                     -.4008098    .1605217
       sigma |   1.271017   .0183786                      1.235501    1.307554
      lambda |  -.1659891   .1878698                     -.5342072    .2022291
------------------------------------------------------------------------------
LR test of indep. eqns. (rho = 0): chi2(1) = 0.91         Prob > chi2 = 0.3406
```

## Heckman (Two Step):

```
Heckman selection model -- two-step estimates   Number of obs     =      3,328
(regression model with sample selection)              Selected    =      2,802
                                                      Nonselected =        526

                                                Wald chi2(6)      =     193.43
                                                Prob > chi2       =     0.0000
------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
lambexp      |
         age |   .2024668   .0242202     8.36   0.000     .1549961    .2499374
      female |   .2921341   .0725756     4.03   0.000     .1498886    .4343796
        educ |   .0123889   .0115682     1.07   0.284    -.0102844    .0350622
      blhisp |  -.1828659   .0653449    -2.80   0.005    -.3109396   -.0547922
      totchr |   .5006332   .0485548    10.31   0.000     .4054675    .5957988
         ins |  -.0465097   .0529742    -0.88   0.380    -.1503373    .0573179
       _cons |   5.288927    .288522    18.33   0.000     4.723435     5.85442
-------------+----------------------------------------------------------------
dambexp      |
         age |   .0868152   .0274556     3.16   0.002     .0330032    .1406272
      female |   .6635053   .0609648    10.88   0.000     .5440165    .7829941
        educ |    .061884    .012039     5.14   0.000      .038288    .0854801
      blhisp |  -.3657835   .0619095    -5.91   0.000    -.4871239   -.2444432
      totchr |   .7957496   .0712174    11.17   0.000      .656166    .9353332
         ins |    .169107   .0629296     2.69   0.007     .0457673    .2924467
      income |   .0026773   .0013105     2.04   0.041     .0001088    .0052458
       _cons |  -.6686471   .1941247    -3.44   0.001    -1.049125   -.2881698
-------------+----------------------------------------------------------------
/mills       |
      lambda |  -.4637133   .2825997    -1.64   0.101    -1.017598     .090172
-------------+----------------------------------------------------------------
         rho |   -0.35907
       sigma |  1.2914258
------------------------------------------------------------------------------
```

## Tobit:

```
Tobit regression                                  Number of obs     =  2,802
                                                        Uncensored  =  2,801
Limits: Lower =    0                                Left-censored  =      1
        Upper = +inf                                Right-censored  =      0

                                                  LR chi2(6)        = 596.53
                                                  Prob > chi2       = 0.0000
Log likelihood = -4642.5217                       Pseudo R2         = 0.0604
------------------------------------------------------------------------------
       lambexp | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
---------------+--------------------------------------------------------------
           age |   .2172778   .0222024     9.79   0.000     .1737431    .2608126
        female |   .3795502   .0485335     7.82   0.000     .2843851    .4747153
          educ |   .0221958   .0097527     2.28   0.023     .0030726    .0413191
        blhisp |  -.2384675   .0551452    -4.32   0.000     -.346597   -.1303381
        totchr |   .5618619   .0304802    18.43   0.000      .502096    .6216278
           ins |  -.0210413   .0499613    -0.42   0.674     -.119006    .0769234
         _cons |   4.908076   .1679989    29.21   0.000     4.578661     5.23749
---------------+--------------------------------------------------------------
 var(e.lambexp)|   1.608909   .0429988                      1.526767     1.69547
------------------------------------------------------------------------------
```

Tabla comparativa:

| | (1) Heckman (M~) | (2) Heckman (T~) | (3) Tobit |
|---|---|---|---|
| lambexp | | | |
| age | 0.212*** | 0.202*** | 0.217*** |
| | (0.0230) | (0.0242) | (0.0222) |
| female | 0.348*** | 0.292*** | 0.380*** |
| | (0.0601) | (0.0726) | (0.0485) |
| educ | 0.0187* | 0.0124 | 0.0222** |
| | (0.0105) | (0.0116) | (0.00975) |
| blhisp | -0.219*** | -0.183*** | -0.238*** |
| | (0.0597) | (0.0653) | (0.0551) |
| totchr | 0.540*** | 0.501*** | 0.562*** |
| | (0.0393) | (0.0486) | (0.0305) |
| ins | -0.0300 | -0.0465 | -0.0210 |
| | (0.0511) | (0.0530) | (0.0500) |
| _cons | 5.044*** | 5.289*** | 4.908*** |
| | (0.228) | (0.289) | (0.168) |
| dambexp | | | |
| age | 0.0879*** | 0.0868*** | |
| | (0.0274) | (0.0275) | |
| female | 0.663*** | 0.664*** | |
| | (0.0609) | (0.0610) | |
| educ | 0.0619*** | 0.0619*** | |
| | (0.0120) | (0.0120) | |
| blhisp | -0.364*** | -0.366*** | |
| | (0.0619) | (0.0619) | |
| totchr | 0.797*** | 0.796*** | |
| | (0.0711) | (0.0712) | |
| ins | 0.170*** | 0.169*** | |
| | (0.0629) | (0.0629) | |
| income | 0.00271** | 0.00268** | |
| | (0.00132) | (0.00131) | |
| _cons | -0.676*** | -0.669*** | |
| | (0.194) | (0.194) | |
| / | | | |
| athrho | -0.131 | | |
| | (0.150) | | |
| lnsigma | 0.240*** | | |
| | (0.0145) | | |
| var(e.lamb~) | | | 1.609*** |
| | | | (0.0430) |
| /mills | | | |
| lambda | | -0.464 | |
| | | (0.283) | |
| N | 3328 | 3328 | 2802 |
| pseudo R-sq | | | 0.060 |

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

# <u>Ejercicio 2:</u> Ecuación Salarial para las Mujeres I.

*Considerar la base de datos "womenwk.dta". Describir la base. Estimar una ecuación salarial en función de la educación y la edad por Mínimos Cuadrados Clásicos. Repetir utilizando un modelo de Heckman, utilizando las variables married, children, education y age para la ecuación de selección. Utilizar el comando heckman.*

<u>Descripción de la base:</u>

```
    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      county |      2,000         4.5       2.873          0          9
         age |      2,000      36.208     8.28656         20         59
   education |      2,000      13.084    3.045912         10         20
     married |      2,000       .6705    .4701492          0          1
    children |      2,000      1.6445    1.398963          0          5
        wage |      1,343    23.69217    6.305374    5.88497   45.80979
```

```
            Hourly wage; missing, if not working
-------------------------------------------------------------
      Percentiles      Smallest
 1%     9.728734       5.88497
 5%     13.48302       6.739784
10%     15.69925       7.12612       Obs                1,343
25%     19.30873       7.328383      Sum of wgt.        1,343

50%     23.51122                     Mean           23.69217
                        Largest      Std. dev.      6.305374
75%     28.05009       43.01642
90%     31.49893       43.97919      Variance       39.75775
95%     33.98332       44.53403      Skewness       .1881963
99%     40.34642       45.80979      Kurtosis       3.048037
```

<u>OLS:</u>

```
      Source |       SS           df       MS      Number of obs   =     2,000
-------------+----------------------------------   F(3, 1996)      =    140.75
       Model |  52555.2814         3  17518.4271   Prob > F        =    0.0000
    Residual |  248439.676     1,996  124.468775   R-squared       =    0.1746
-------------+----------------------------------   Adj R-squared   =    0.1734
       Total |  300994.957     1,999  150.572765   Root MSE        =    11.157

------------------------------------------------------------------------------
        wage | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         age |    .369376   .0324995    11.37   0.000     .3056395    .4331124
   education |   1.024154   .0863307    11.86   0.000     .8548468    1.193462
     married |   1.269777   .5790207     2.19   0.028     .1342283    2.405325
       _cons |   -11.7165   1.411936    -8.30   0.000    -14.48552   -8.947476
------------------------------------------------------------------------------
```

## Heckman (MLE):

```
Heckman selection model                         Number of obs     =      2,000
(regression model with sample selection)              Selected    =      1,343
                                                      Nonselected =        657

                                                Wald chi2(3)      =     508.52
Log likelihood = -5178.289                      Prob > chi2       =     0.0000

------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
wage         |
         age |   .2121393   .0213504     9.94   0.000     .1702933    .2539852
   education |   .9881493   .0542321    18.22   0.000     .8818563    1.094442
     married |    .066304   .3758994     0.18   0.860    -.6704452    .8030532
       _cons |   .4973339    1.07856     0.46   0.645    -1.616605    2.611273
-------------+----------------------------------------------------------------
dwage        |
         age |   .0364354   .0041745     8.73   0.000     .0282535    .0446174
   education |   .0555733   .0107731     5.16   0.000     .0344585    .0766882
     married |   .4499889    .072705     6.19   0.000     .3074898     .592488
    children |   .4385259   .0277979    15.78   0.000      .384043    .4930087
       _cons |  -2.489276   .1896044   -13.13   0.000    -2.860893   -2.117658
-------------+----------------------------------------------------------------
     /athrho |   .8753773   .1015349     8.62   0.000     .6763725    1.074382
   /lnsigma  |   1.792839   .0276367    64.87   0.000     1.738672    1.847006
-------------+----------------------------------------------------------------
         rho |   .7040959   .0511989                      .5891561    .7911065
       sigma |   6.006483   .1659993                      5.689785    6.340809
      lambda |    4.22914   .3994723                      3.446189    5.012092
------------------------------------------------------------------------------
LR test of indep. eqns. (rho = 0): chi2(1) = 60.72        Prob > chi2 = 0.0000
```

## Heckman (Two Step):

```
Heckman selection model -- two-step estimates   Number of obs     =      2,000
(regression model with sample selection)              Selected    =      1,343
                                                      Nonselected =        657

                                                Wald chi2(3)      =     442.08
                                                Prob > chi2       =     0.0000

------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
wage         |
         age |   .2108123   .0225447     9.35   0.000     .1666255     .254999
   education |   .9804939   .0546614    17.94   0.000     .8733596    1.087628
     married |   .0863959   .3776478     0.23   0.819    -.6537802     .826572
       _cons |    .730021   1.249191     0.58   0.559    -1.718349    3.178391
-------------+----------------------------------------------------------------
dwage        |
         age |   .0347211   .0042293     8.21   0.000     .0264318    .0430105
   education |   .0583645   .0109742     5.32   0.000     .0368555    .0798735
     married |   .4308575    .074208     5.81   0.000     .2854125    .5763025
    children |   .4473249   .0287417    15.56   0.000     .3909922    .5036576
       _cons |  -2.467365   .1925635   -12.81   0.000    -2.844782   -2.089948
-------------+----------------------------------------------------------------
/mills       |
      lambda |   4.021226   .6126901     6.56   0.000     2.820375    5.222077
-------------+----------------------------------------------------------------
         rho |    0.67552
       sigma |  5.9528138
------------------------------------------------------------------------------
```

Tabla comparativa:

| | (1) OLS | (2) Heckman (M~) | (3) Heckman (T~) |
|---|---|---|---|
| main | | | |
| age | 0.369*** | 0.212*** | 0.211*** |
| | (0.0325) | (0.0214) | (0.0225) |
| education | 1.024*** | 0.988*** | 0.980*** |
| | (0.0863) | (0.0542) | (0.0547) |
| married | 1.270** | 0.0663 | 0.0864 |
| | (0.579) | (0.376) | (0.378) |
| _cons | -11.72*** | 0.497 | 0.730 |
| | (1.412) | (1.079) | (1.249) |
| dwage | | | |
| age | | 0.0364*** | 0.0347*** |
| | | (0.00417) | (0.00423) |
| education | | 0.0556*** | 0.0584*** |
| | | (0.0108) | (0.0110) |
| married | | 0.450*** | 0.431*** |
| | | (0.0727) | (0.0742) |
| children | | 0.439*** | 0.447*** |
| | | (0.0278) | (0.0287) |
| _cons | | -2.489*** | -2.467*** |
| | | (0.190) | (0.193) |
| / | | | |
| athrho | | 0.875*** | |
| | | (0.102) | |
| lnsigma | | 1.793*** | |
| | | (0.0276) | |
| /mills | | | |
| lambda | | | 4.021*** |
| | | | (0.613) |
| N | 2000 | 2000 | 2000 |
| R-sq | 0.175 | | |

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

# **Ejercicio 3:** Ecuación Salarial para las Mujeres II.

*Conceptualmente, se va a repetir el ejercicio anterior utilizando la base de datos "mroz.dta" que ya se ha utilizado. Ahora, se pide modelar, explícitamente, la ecuación de selección con un Probit y la ecuación estructural con un modelo lineal aumentada por la inversa del ratio de Mills. Reportar el efecto marginal sobre las horas trabajadas, correctamente, estimado.*

OLS:

```
      Source |       SS           df       MS      Number of obs   =       753
-------------+----------------------------------   F(6, 746)       =     33.05
       Model |   119885614         6  19980935.6   Prob > F        =    0.0000
    Residual |   451024110       746   604589.96   R-squared       =    0.2100
-------------+----------------------------------   Adj R-squared   =    0.2036
       Total |   570909724       752  759188.463   Root MSE        =    777.55

------------------------------------------------------------------------------
       hours | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
     kidsge6 |  -13.56954   23.87531    -0.57   0.570    -60.44032    33.30125
         age |  -17.10219   4.127445    -4.14   0.000    -25.20499   -8.999404
        educ |    23.9582   13.41096     1.79   0.074    -2.369512    50.28591
       exper |   74.12513   10.26049     7.22   0.000     53.98227      94.268
    nwifeinc |  -4.336964   2.633972    -1.65   0.100    -9.507843     .833916
     expersq |  -.9264192   .3349462    -2.77   0.006    -1.583968   -.2688699
       _cons |   656.2857   264.8041     2.48   0.013     136.4358    1176.136
------------------------------------------------------------------------------
```

Heckman (Two Step):

```
Heckman selection model -- two-step estimates   Number of obs     =        753
(regression model with sample selection)              Selected    =        428
                                                      Nonselected =        325

                                                Wald chi2(6)      =      26.17
                                                Prob > chi2       =     0.0002

------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
hours        |
     kidsge6 |  -83.74795   33.16153    -2.53   0.012    -148.7433   -18.75256
         age |  -2.839866   6.990271    -0.41   0.685    -16.54054    10.86081
        educ |  -63.81931   21.02964    -3.03   0.002    -105.0366   -22.60196
       exper |   6.070658   21.16833     0.29   0.774     -35.4185    47.55982
    nwifeinc |   4.458736    4.03176     1.11   0.269    -3.443369    12.36084
     expersq |   .1358569   .5265464     0.26   0.796     -.896155    1.167869
       _cons |    2477.33   425.3662     5.82   0.000     1643.627    3311.032
-------------+----------------------------------------------------------------
dhours       |
     kidsge6 |    .036005   .0434768     0.83   0.408     -.049208    .1212179
         age |  -.0528527   .0084772    -6.23   0.000    -.0694678   -.0362376
        educ |   .1309047   .0252542     5.18   0.000     .0814074     .180402
       exper |   .1233476   .0187164     6.59   0.000     .0866641    .1600311
    nwifeinc |  -.0120237   .0048398    -2.48   0.013    -.0215096   -.0025378
     expersq |  -.0018871      .0006    -3.15   0.002     -.003063   -.0007111
     kidslt6 |  -.8683285   .1185223    -7.33   0.000    -1.100628    -.636029
       _cons |   .2700768    .508593     0.53   0.595    -.7267473    1.266901
-------------+----------------------------------------------------------------
/mills       |
      lambda |  -621.8712   199.0294    -3.12   0.002    -1011.962   -231.7808
-------------+----------------------------------------------------------------
         rho |   -0.74244
       sigma |  837.60041
------------------------------------------------------------------------------
```

Tabla comparativa:

| | (1) OLS | (2) Heckman (T~) |
|---|---|---|
| main | | |
| kidsge6 | -13.57 | -83.75** |
| | (23.88) | (33.16) |
| age | -17.10*** | -2.840 |
| | (4.127) | (6.990) |
| educ | 23.96* | -63.82*** |
| | (13.41) | (21.03) |
| exper | 74.13*** | 6.071 |
| | (10.26) | (21.17) |
| nwifeinc | -4.337 | 4.459 |
| | (2.634) | (4.032) |
| expersq | -0.926*** | 0.136 |
| | (0.335) | (0.527) |
| _cons | 656.3** | 2477.3*** |
| | (264.8) | (425.4) |
| dhours | | |
| kidsge6 | | 0.0360 |
| | | (0.0435) |
| age | | -0.0529*** |
| | | (0.00848) |
| educ | | 0.131*** |
| | | (0.0253) |
| exper | | 0.123*** |
| | | (0.0187) |
| nwifeinc | | -0.0120** |
| | | (0.00484) |
| expersq | | -0.00189*** |
| | | (0.000600) |
| kidslt6 | | -0.868*** |
| | | (0.119) |
| _cons | | 0.270 |
| | | (0.509) |
| /mills | | |
| lambda | | -621.9*** |
| | | (199.0) |
| N | 753 | 753 |
| R-sq | 0.210 | |

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

Efectos marginales (promedio) con censura en Heckman (Two Step):

```
Average marginal effects                                    Number of obs = 753
Model VCE: Conventional

Expression: E(hours*|hours>0), predict(ystar(0,.))
dy/dx wrt:  kidsge6 age educ exper nwifeinc expersq kidslt6

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
     kidsge6 |  -81.38955   32.34639    -2.52   0.012    -144.7873   -17.99179
         age |  -2.759893   6.777967    -0.41   0.684    -16.04446    10.52468
        educ |  -62.02211   20.76646    -2.99   0.003    -102.7236   -21.32059
       exper |   5.899704   20.52631     0.29   0.774    -34.33112    46.13052
    nwifeinc |   4.333175   3.931451     1.10   0.270    -3.372327    12.03868
     expersq |    .132031   .5124218     0.26   0.797    -.8722971    1.136359
     kidslt6 |          0  (omitted)
------------------------------------------------------------------------------
```

Efectos marginales (promedio) con truncamiento en Heckman (Two Step):

```
Average marginal effects                                    Number of obs = 753
Model VCE: Conventional

Expression: E(hours|hours>0), predict(e(0,.))
dy/dx wrt:  kidsge6 age educ exper nwifeinc expersq kidslt6

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
     kidsge6 |  -73.14433   29.50712    -2.48   0.013    -130.9772   -15.31144
         age |    -2.4803   6.058449    -0.41   0.682    -14.35464    9.394042
        educ |  -55.73892   19.50195    -2.86   0.004    -93.96204    -17.5158
       exper |   5.302031   18.34814     0.29   0.773    -30.65967    41.26373
    nwifeinc |   3.894199   3.565572     1.09   0.275    -3.094194    10.88259
     expersq |   .1186556   .4620408     0.26   0.797    -.7869278    1.024239
     kidslt6 |          0  (omitted)
------------------------------------------------------------------------------
```

Efectos marginales (condicionales) con censura en Heckman (Two Step):

```
Conditional marginal effects                                    Number of obs = 753
Model VCE: Conventional

Expression: E(hours*|hours>0), predict(ystar(0,.))
dy/dx wrt:  kidsge6 age educ exper nwifeinc expersq kidslt6
At: kidsge6  = 1.353254 (mean)
    age      = 42.53785 (mean)
    educ     = 12.28685 (mean)
    exper    = 10.63081 (mean)
    nwifeinc = 20.12896 (mean)
    expersq  = 178.0385 (mean)
    kidslt6  = .2377158 (mean)

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
     kidsge6 |  -81.62997   32.48895    -2.51   0.012    -145.3071    -17.9528
         age |  -2.768046    6.79893    -0.41   0.684     -16.0937    10.55761
        educ |  -62.20532   20.85318    -2.98   0.003    -103.0768   -21.33383
       exper |   5.917131   20.58963     0.29   0.774     -34.4378    46.27207
    nwifeinc |   4.345974     3.9435     1.10   0.270    -3.383144    12.07509
     expersq |   .1324211   .5138982     0.26   0.797    -.8748009    1.139643
     kidslt6 |          0  (omitted)
------------------------------------------------------------------------------
```

Efectos marginales (condicionales) con truncamiento en Heckman (Two Step):

```
Conditional marginal effects                                    Number of obs = 753
Model VCE: Conventional

Expression: E(hours|hours>0), predict(e(0,.))
dy/dx wrt:  kidsge6 age educ exper nwifeinc expersq kidslt6
At: kidsge6  = 1.353254 (mean)
    age      = 42.53785 (mean)
    educ     = 12.28685 (mean)
    exper    = 10.63081 (mean)
    nwifeinc = 20.12896 (mean)
    expersq  = 178.0385 (mean)
    kidslt6  = .2377158 (mean)

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
     kidsge6 |  -73.52816   29.74524    -2.47   0.013    -131.8278   -15.22856
         age |  -2.493316   6.090065    -0.41   0.682    -14.42962    9.442992
        educ |  -56.03141   19.67987    -2.85   0.004    -94.60325   -17.45957
       exper |   5.329854    18.4439     0.29   0.773    -30.81952    41.47923
    nwifeinc |   3.914635   3.586477     1.09   0.275    -3.114731      10.944
     expersq |   .1192782   .4644865     0.26   0.797    -.7910986    1.029655
     kidslt6 |          0  (omitted)
------------------------------------------------------------------------------
```