```
. oprobtab ideology black faminc  sex  attend bornagn1 hisp jewish


Iteration 0:   log likelihood = -1349.8333
Iteration 1:   log likelihood = -1278.4127
Iteration 2:   log likelihood =  -1278.329
Iteration 3:   log likelihood =  -1278.329

Ordered probit estimates                          Number of obs   =        804
                                                  LR chi2(7)      =     143.01
                                                  Prob > chi2     =     0.0000
Log likelihood =  -1278.329                       Pseudo R2       =     0.0530

------------------------------------------------------------------------------
ideology |      Coef.   Std. Err.       z     P>|z|       [95% Conf. Interval]
---------+--------------------------------------------------------------------
   black |   -.343404   .1304994     -2.631   0.009      -.5991782   -.0876299
  faminc |   .0141812   .0063454      2.235   0.025       .0017445    .0266179
     sex |  -.2449698   .0755005     -3.245   0.001      -.3929481   -.0969916
  attend |  -.1459269   .0317534     -4.596   0.000      -.2081625   -.0836914
bornagn1 |   .5989719   .0796951      7.516   0.000       .4427724    .7551714
hispanic |  -.2595691   .1432768     -1.812   0.070      -.5403865    .0212484
  jewish |  -.9547358    .260236     -3.669   0.000      -1.464789   -.4446825
---------+--------------------------------------------------------------------
   _cut1 |  -2.763504   .2409764             (Ancillary parameters)
   _cut2 |  -1.675775   .2107097
   _cut3 |  -1.185343   .2074107
   _cut4 |  -.2853841   .2055631
   _cut5 |   .3141601   .2057008
   _cut6 |   1.585324   .2142731
------------------------------------------------------------------------------


Table shows predicted probability distribution with all variables
 at means (prob1) and with unit change in black (prob2)


                  Prob1     Prob2
Category 1 :      0.0084    0.0202
Category 2 :      0.0877    0.1481
Category 3 :      0.1118    0.1507
Category 4 :      0.3264    0.3472
Category 5 :      0.2192    0.1821
Category 6 :      0.2213    0.1410
Category 7 :      0.0252    0.0107
```

```
. prvalue,x(black==1) rest(mean)

oprobit: Predictions for ideology

  Pr(y=1__extre|x):   0.0161
  Pr(y=2__liber|x):   0.1297
  Pr(y=3__sligh|x):   0.1405
  Pr(y=4__moder|x):   0.3452
  Pr(y=5__sligh|x):   0.1937
  Pr(y=6__conse|x):   0.1611
  Pr(y=7__extre|x):   0.0137

        black  faminc        sex     attend   bornagn1   hispanic     jewish
x=      1      15.941542   1.550995   2.300995  .41791045  .07089552 .02114428

. prvalue,x(black==0) rest(mean)

oprobit: Predictions for ideology

  Pr(y=1__extre|x):   0.0065
  Pr(y=2__liber|x):   0.0746
  Pr(y=3__sligh|x):   0.1010
  Pr(y=4__moder|x):   0.3149
  Pr(y=5__sligh|x):   0.2261
  Pr(y=6__conse|x):   0.2457
  Pr(y=7__extre|x):   0.0312

    black     faminc        sex     attend   bornagn1   hispanic     jewish
x=   0      15.941542   1.550995   2.300995  .41791045  .07089552  .02114428
```

```
. oprobtab ideology faminc black  sex  attend bornagn1 hisp jewish


Iteration 0:   log likelihood = -1349.8333
Iteration 1:   log likelihood = -1278.4127
Iteration 2:   log likelihood =  -1278.329
Iteration 3:   log likelihood =  -1278.329

Ordered probit estimates                          Number of obs   =        804
                                                  LR chi2(7)      =     143.01
                                                  Prob > chi2     =     0.0000
Log likelihood =  -1278.329                       Pseudo R2       =     0.0530

------------------------------------------------------------------------------
ideology |      Coef.   Std. Err.       z     P>|z|       [95% Conf. Interval]
---------+--------------------------------------------------------------------
  faminc |   .0141812   .0063454      2.235   0.025       .0017445    .0266179
   black |   -.343404   .1304994     -2.631   0.009      -.5991782   -.0876299
     sex |  -.2449698   .0755005     -3.245   0.001      -.3929481   -.0969916
  attend |  -.1459269   .0317534     -4.596   0.000      -.2081625   -.0836914
bornagn1 |   .5989719   .0796951      7.516   0.000       .4427724    .7551714
hispanic |  -.2595691   .1432768     -1.812   0.070      -.5403865    .0212484
  jewish |  -.9547358    .260236     -3.669   0.000      -1.464789   -.4446825
---------+--------------------------------------------------------------------
   _cut1 |  -2.763504   .2409764             (Ancillary parameters)
   _cut2 |  -1.675775   .2107097
   _cut3 |  -1.185343   .2074107
   _cut4 |  -.2853841   .2055631
   _cut5 |   .3141601   .2057008
   _cut6 |   1.585324   .2142731
------------------------------------------------------------------------------


Table shows predicted probability distribution with all variables
 at means (prob1) and with unit change in faminc (prob2)


                  Prob1     Prob2
Category 1 :      0.0084    0.0081
Category 2 :      0.0877    0.0856
Category 3 :      0.1118    0.1101
Category 4 :      0.3264    0.3248
Category 5 :      0.2192    0.2204
Category 6 :      0.2213    0.2249
Category 7 :      0.0252    0.0260
```

```
. oprobtab ideology sex faminc black   attend bornagn1 hisp jewish


Iteration 0:   log likelihood = -1349.8333
Iteration 1:   log likelihood = -1278.4127
Iteration 2:   log likelihood =  -1278.329
Iteration 3:   log likelihood =  -1278.329

Ordered probit estimates                          Number of obs   =        804
                                                  LR chi2(7)      =     143.01
                                                  Prob > chi2     =     0.0000
Log likelihood =  -1278.329                       Pseudo R2       =     0.0530

------------------------------------------------------------------------------
ideology |      Coef.   Std. Err.       z     P>|z|       [95% Conf. Interval]
---------+--------------------------------------------------------------------
     sex |  -.2449698   .0755005     -3.245   0.001      -.3929481   -.0969916
  faminc |   .0141812   .0063454      2.235   0.025       .0017445    .0266179
   black |   -.343404   .1304994     -2.631   0.009      -.5991782   -.0876299
  attend |  -.1459269   .0317534     -4.596   0.000      -.2081625   -.0836914
bornagn1 |   .5989719   .0796951      7.516   0.000       .4427724    .7551714
hispanic |  -.2595691   .1432768     -1.812   0.070      -.5403865    .0212484
  jewish |  -.9547358    .260236     -3.669   0.000      -1.464789   -.4446825
---------+--------------------------------------------------------------------
   _cut1 |  -2.763504   .2409764             (Ancillary parameters)
   _cut2 |  -1.675775   .2107097
   _cut3 |  -1.185343   .2074107
   _cut4 |  -.2853841   .2055631
   _cut5 |   .3141601   .2057008
   _cut6 |   1.585324   .2142731
------------------------------------------------------------------------------


Table shows predicted probability distribution with all variables
 at means (prob1) and with unit change in sex (prob2)


                  Prob1     Prob2
Category 1 :      0.0084    0.0159
Category 2 :      0.0877    0.1288
Category 3 :      0.1118    0.1400
Category 4 :      0.3264    0.3450
Category 5 :      0.2192    0.1943
Category 6 :      0.2213    0.1622
Category 7 :      0.0252    0.0138
```

Table shows predicted probability distribution with all variables
at means (prob1) and with unit change in attend (prob2)

	Prob1	Prob2
Category 1 :	0.0084	0.0123
Category 2 :	0.0877	0.1110
Category 3 :	0.1118	0.1287
Category 4 :	0.3264	0.3397
Category 5 :	0.2192	0.2054
Category 6 :	0.2213	0.1851
Category 7 :	0.0252	0.0177

Table shows predicted probability distribution with all variables
at means (prob1) and with unit change in bornagn1 (prob2)

	Prob1	Prob2
Category 1 :	0.0084	0.0014
Category 2 :	0.0877	0.0271
Category 3 :	0.1118	0.0503
Category 4 :	0.3264	0.2252
Category 5 :	0.2192	0.2305
Category 6 :	0.2213	0.3782
Category 7 :	0.0252	0.0873

Table shows predicted probability distribution with all variables
at means (prob1) and with unit change in hisp (prob2)

	Prob1	Prob2
Category 1 :	0.0084	0.0165
Category 2 :	0.0877	0.1316
Category 3 :	0.1118	0.1416
Category 4 :	0.3264	0.3455
Category 5 :	0.2192	0.1925
Category 6 :	0.2213	0.1589
Category 7 :	0.0252	0.0133

Table shows predicted probability distribution with all variables
at means (prob1) and with unit change in jewish (prob2)

	Prob1	Prob2
Category 1 :	0.0084	0.0753
Category 2 :	0.0877	0.2880
Category 3 :	0.1118	0.1927
Category 4 :	0.3264	0.2950
Category 5 :	0.2192	0.0985
Category 6 :	0.2213	0.0487
Category 7 :	0.0252	0.0018

```
 estsimp oprobit ideology black faminc  sex  attend bornagn1 hisp jewish,nolog
dropsims

Ordered probit estimates                          Number of obs   =        804
                                                  LR chi2(7)      =     143.01
                                                  Prob > chi2     =     0.0000
Log likelihood =  -1278.329                       Pseudo R2       =     0.0530

------------------------------------------------------------------------------
    ideology |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       black |   -.343404   .1304994    -2.63   0.009    -.5991782   -.0876299
      faminc |   .0141812   .0063454     2.23   0.025     .0017445    .0266179
         sex |  -.2449698   .0755005    -3.24   0.001    -.3929481   -.0969916
      attend |  -.1459269   .0317534    -4.60   0.000    -.2081625   -.0836914
    bornagn1 |   .5989719   .0796951     7.52   0.000     .4427724    .7551714
    hispanic |  -.2595691   .1432768    -1.81   0.070    -.5403865    .0212484
      jewish |  -.9547358    .260236    -3.67   0.000    -1.464789   -.4446825
-------------+----------------------------------------------------------------
       _cut1 |  -2.763504   .2409764          (Ancillary parameters)
       _cut2 |  -1.675775   .2107097
       _cut3 |  -1.185343   .2074107
       _cut4 |  -.2853841   .2055631
       _cut5 |   .3141601   .2057008
       _cut6 |   1.585324   .2142731
------------------------------------------------------------------------------

Simulating main parameters.  Please wait....
% of simulations completed: 7% 15% 23% 30% 38% 46% 53% 61% 69% 76% 84% 92%
100%

Number of simulations  : 1000
Names of new variables : b1 b2 b3 b4 b5 b6 b7 b8 b9 b10 b11 b12 b13
```

```
estsimp poisson volhr3 trust memprofx memfratx memservx memrelx parvol
homemake attend fund younghlp age faminc educ catholic,ir nolog dropsims

Poisson regression                              Number of obs   =       1728
                                                LR chi2(14)     =     436.91
                                                Prob > chi2     =     0.0000
Log likelihood = -1937.4504                     Pseudo R2       =     0.1013

------------------------------------------------------------------------------
      volhr3 |        IRR   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       trust |   1.177932   .0681638     2.83   0.005     1.051631    1.319402
    memprofx |   1.255359   .1015943     2.81   0.005     1.071227    1.471141
    memfratx |   1.157243   .1383122     1.22   0.222      .915567    1.462713
    memservx |   1.359136   .1320649     3.16   0.002     1.123449    1.644269
     memrelx |   1.215409   .1079397     2.20   0.028      1.02124    1.446496
      parvol |    1.11647   .0373397     3.29   0.001     1.045632    1.192106
    homemake |    1.24058   .1065599     2.51   0.012     1.048361    1.468044
      attend |   .7462158   .0216531   -10.09   0.000     .7049607    .7898852
        fund |   .9097724   .0662603    -1.30   0.194     .7887479    1.049367
    younghlp |   1.162447   .0365569     4.79   0.000      1.09296    1.236351
         age |   .9946876   .0017268    -3.07   0.002     .9913088    .9980779
      faminc |   1.020962   .0064839     3.27   0.001     1.008333     1.03375
        educ |    1.05955   .0121125     5.06   0.000     1.036074    1.083558
    catholic |    .836438   .0543437    -2.75   0.006      .736429    .9500286
------------------------------------------------------------------------------

Simulating main parameters.  Please wait....
% of simulations completed: 6% 13% 20% 26% 33% 40% 46% 53% 60% 66% 73% 80% 86%
93% 100%

Number of simulations  : 1000
Names of new variables : b1 b2 b3 b4 b5 b6 b7 b8 b9 b10 b11 b12 b13 b14 b15
```

```
. setx black 0 (faminc attend bornagn1 hisp jewish sex) mean

. simqi
```

Quantity of Interest	Mean	Std. Err.	[95% Conf.	Interval]
Pr(ideology=1. extre)	.006715	.0024937	.0029344	.0122859
Pr(ideology=2. liber)	.07499	.0096305	.0581943	.0947777
Pr(ideology=3. sligh)	.1009755	.0108849	.0790236	.1235232
Pr(ideology=4. moder)	.3136207	.0172758	.2794693	.3490665
Pr(ideology=5. sligh)	.226118	.015676	.1941536	.2566732
Pr(ideology=6. conse)	.2455931	.0155583	.216566	.2763994
Pr(ideology=7. extre)	.0319877	.0062536	.0207583	.046206

```
. setx black 1 (faminc attend bornagn1 hisp jewish sex) mean

. simqi
```

Quantity of Interest	Mean	Std. Err.	[95% Conf.	Interval]
Pr(ideology=1. extre)	.0171259	.0071507	.0070767	.0342601
Pr(ideology=2. liber)	.1317623	.0254123	.0871861	.1866188
Pr(ideology=3. sligh)	.1405986	.0199941	.1012491	.1817442
Pr(ideology=4. moder)	.3418282	.0193953	.3025399	.3815815
Pr(ideology=5. sligh)	.1926768	.0196306	.1535927	.2300318
Pr(ideology=6. conse)	.1614925	.0280128	.1092046	.2214874
Pr(ideology=7. extre)	.0145157	.0055865	.0063218	.0281258

```
. setx bornagn1 0 (faminc attend black hisp jewish sex) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
     Pr(ideology=1. extre) |   .0141668     .0048547     .0066158    .0257824
     Pr(ideology=2. liber) |   .1187246     .0140535     .0925132    .1475207
     Pr(ideology=3. sligh) |   .1333843     .0142997     .1045289    .1619841
     Pr(ideology=4. moder) |   .3407579     .0185617      .302767    .3789163
     Pr(ideology=5. sligh) |   .2009483     .0144933     .1714764    .2311378
     Pr(ideology=6. conse) |   .1754512     .0146419     .1470822    .2042742
     Pr(ideology=7. extre) |   .0165668      .004071      .009928    .0258334

. setx bornagn1 1 (faminc attend black hisp jewish sex) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
     Pr(ideology=1. extre) |   .0026938     .0011805     .0010257    .0055036
     Pr(ideology=2. liber) |   .0412078     .0074225       .02863    .0575964
     Pr(ideology=3. sligh) |   .0674144     .0091335     .0503344    .0869394
     Pr(ideology=4. moder) |   .2613109      .017875     .2257314    .2986089
     Pr(ideology=5. sligh) |   .2352608     .0162813     .2023223    .2673862
     Pr(ideology=6. conse) |    .329907     .0223437     .2881896     .373562
     Pr(ideology=7. extre) |   .0622054     .0112264     .0420362    .0854766
```

```
. setx (bornagn1 black) 0 (faminc attend hisp jewish sex) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
     Pr(ideology=1. extre) |   .0130906     .0045766     .0061033    .0241054
     Pr(ideology=2. liber) |   .1131908     .0138015     .0877876    .1428214
     Pr(ideology=3. sligh) |   .1297747     .0139354     .1014889    .1567538
     Pr(ideology=4. moder) |   .3388209     .0184835      .301613     .377027
     Pr(ideology=5. sligh) |    .204383     .0146599     .1746262    .2346049
     Pr(ideology=6. conse) |   .1828345     .0151751     .1545386    .2132397
     Pr(ideology=7. extre) |   .0179055     .0043437     .0107303    .0276708

. setx (bornagn1 black) 1 (faminc attend hisp jewish sex) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
     Pr(ideology=1. extre) |   .0069819     .0033807     .0023211    .0149208
     Pr(ideology=2. liber) |    .076084     .0186643       .04447     .119657
     Pr(ideology=3. sligh) |   .1012433      .018277     .0677011    .1404029
     Pr(ideology=4. moder) |   .3117567     .0238392     .2611498    .3581946
     Pr(ideology=5. sligh) |   .2246952     .0178459     .1886989    .2576951
     Pr(ideology=6. conse) |   .2462516      .035402     .1784899    .3183995
     Pr(ideology=7. extre) |   .0329874     .0111306     .0159936    .0590668

. setx bornagn1 0 black 1 (faminc attend hisp jewish sex) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
     Pr(ideology=1. extre) |   .0307841     .0120158     .0133242    .0593644
     Pr(ideology=2. liber) |   .1830924     .0313714      .125453     .248216
     Pr(ideology=3. sligh) |   .1655664     .0207189     .1246936    .2082025
     Pr(ideology=4. moder) |   .3405396     .0202706     .3002403    .3826746
     Pr(ideology=5. sligh) |   .1605245     .0205629     .1208887    .2006028
     Pr(ideology=6. conse) |   .1118844     .0235295     .0691473    .1618272
     Pr(ideology=7. extre) |   .0076085      .003388     .0028885    .0155957

. setx (bornagn1 black) 0 (faminc attend hisp jewish sex) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
     Pr(ideology=1. extre) |   .0130906     .0045766     .0061033    .0241054
     Pr(ideology=2. liber) |   .1131908     .0138015     .0877876    .1428214
     Pr(ideology=3. sligh) |   .1297747     .0139354     .1014889    .1567538
     Pr(ideology=4. moder) |   .3388209     .0184835      .301613     .377027
     Pr(ideology=5. sligh) |    .204383     .0146599     .1746262    .2346049
     Pr(ideology=6. conse) |   .1828345     .0151751     .1545386    .2132397
     Pr(ideology=7. extre) |   .0179055     .0043437     .0107303    .0276708
```

```
. prchange

oprobit: Changes in Predicted Probabilities for ideology

black
            Avg|Chg|    1__extre    2__liber    3__sligh    4__moder    5__sligh    6__conse    7__extre
    0->1    .03843414   .00962269   .05513771   .03951906   .03024003  -.03239092  -.08458413  -.01754443

faminc
            Avg|Chg|    1__extre    2__liber    3__sligh    4__moder    5__sligh    6__conse    7__extre
Min->Max    .03691732  -.00735989  -.04742024   -.0374928  -.03693771   .02564503   .08362825   .01993733
   -+1/2    .00161596  -.00027831  -.00194521  -.00163036  -.00180197   .00099711   .00371832   .00094042
  -+sd/2    .00977437  -.00168644  -.01177041  -.00985933  -.01089412   .00602792   .02248803   .00569436
MargEfct    .01131181   -.0002783  -.00194521  -.00163038  -.00180201   .00099714   .00371837    .0009404

sex
            Avg|Chg|    1__extre    2__liber    3__sligh    4__moder    5__sligh    6__conse    7__extre
Min->Max    .02785111   .00472121   .03311994    .0279673   .03167045   -.0165066  -.06423438  -.01673792
   -+1/2    .02784507   .00486785   .03362463   .02804184    .0309234  -.01710407  -.06400402  -.01634965
  -+sd/2     .0138846   .00240012   .01672663   .01400207   .01546729  -.00855787  -.03194024  -.00809797
MargEfct    .19540266   .00480743   .03360204   .02816362   .03112824  -.01722474  -.06423192  -.01624467

attend
            Avg|Chg|    1__extre    2__liber    3__sligh    4__moder    5__sligh    6__conse    7__extre
Min->Max    .06509848   .01557983   .08995129    .0660449   .05626866  -.05003566  -.14473298  -.03307604
   -+1/2    .01661385   .00287652   .02002134   .01675112   .01849949   -.0102351  -.03821434  -.00969906
  -+sd/2    .02007306   .00348399   .02420258   .02023283   .02233633  -.01235701  -.04616302  -.01173567
MargEfct    .11640009   .00286375   .02001652   .01677688   .01854289  -.01026067  -.03826254  -.00967684

bornagn1
            Avg|Chg|    1__extre    2__liber    3__sligh    4__moder    5__sligh    6__conse    7__extre
    0->1    .06724478  -.01122826  -.07776448  -.06638287  -.07998115   .03472187   .15554191   .04509296

hispanic
            Avg|Chg|    1__extre    2__liber    3__sligh    4__moder    5__sligh    6__conse    7__extre
    0->1     .0292372   .00673791   .04043487   .03002853   .02512887   -.0233705  -.06499009   -.0139696
```

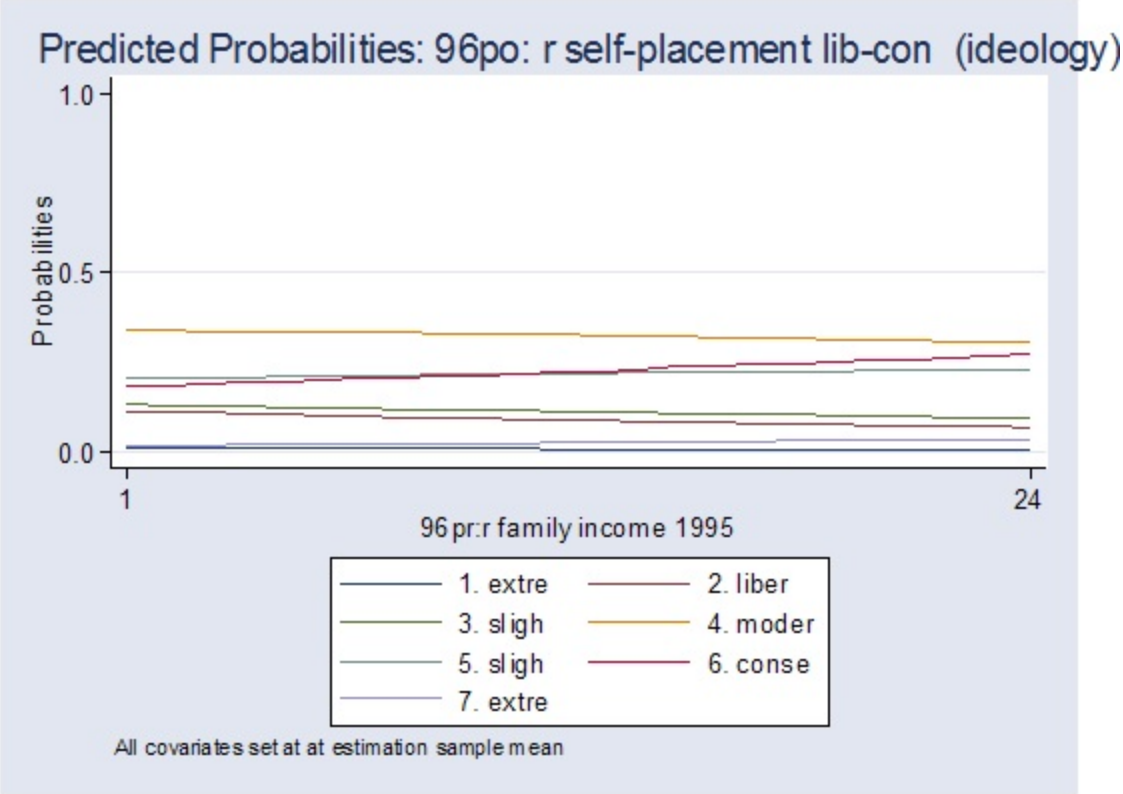
jewish

	Avg|Chg|	1__extre	2__liber	3__sligh	4__moder	5__sligh	6__conse	7__extre
0->1	.09663902	.0576049	.19247916	.08815251	-.00860989	-.11603717	-.18547587	-.02811366

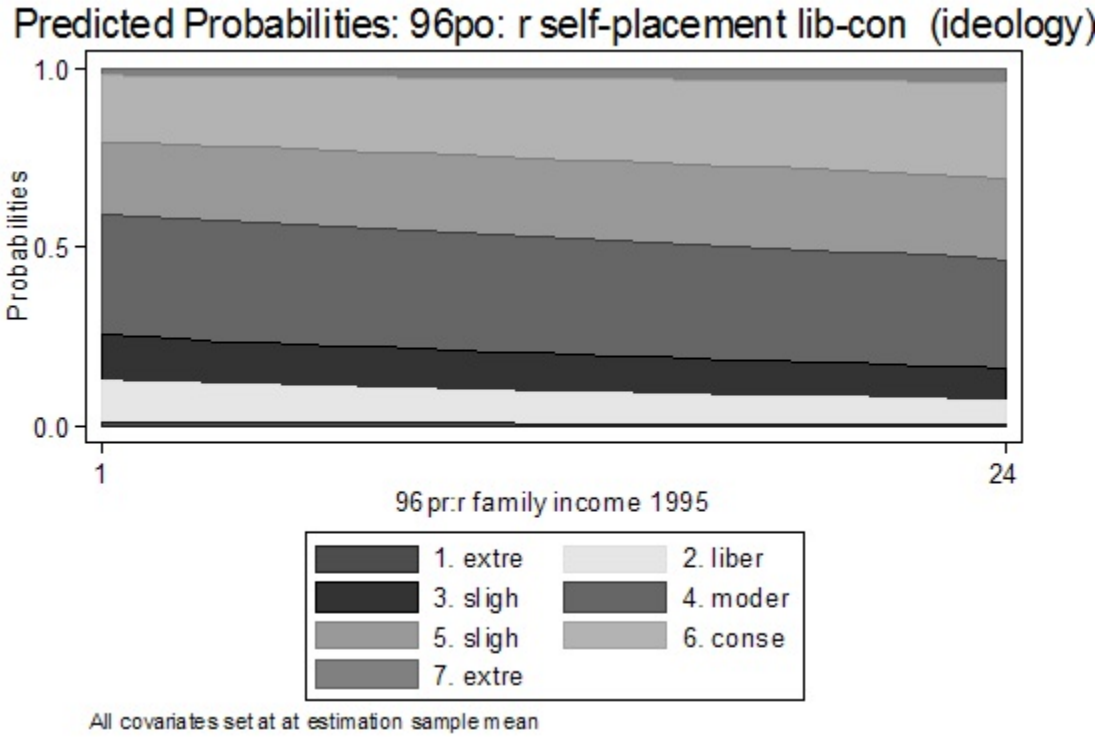
	1__extre	2__liber	3__sligh	4__moder	5__sligh	6__conse	7__extre
Pr(y|x)	.00705604	.07880844	.10458596	.31901225	.22398241	.23747087	.029084

	black	faminc	sex	attend	bornagn1	hispanic	jewish
x=	.090796	15.9415	1.551	2.301	.41791	.070896	.021144
sd(x)=	.287498	6.05046	.497702	1.20871	.493522	.25681	.143955

```
oprobpr faminc
```



```
oprobpr fam,from(1) to(24) newobs(24) stack scheme(s1mono)
```



```
. oprobpr faminc

. oprobpr faminc,from(1) to(24) newobs(24)

Probabilities

  Outcome Variable:   ideology -- 96po: r self-placement lib-con
  Independent Variable: faminc -- 96pr:r family income 1995
  Covariates: black sex attend bornagn1 hispanic jewish
  All variables set at estimation sample mean
  Total Observations: 804
```

	faminc	_Cat_1	_Cat_2	_Cat_3	_Cat_4	_Cat_5	_Cat_6	_Cat_7
1715.	1. a	.0124643	.111626	.1291435	.3398991	.2050521	.1842267	.0175883
1716.	2. b	.0120137	.1091959	.1275084	.3389031	.2065483	.1876174	.0182131
1717.	3. c	.0115774	.106799	.1258692	.3378466	.2080149	.1910362	.0188567
1718.	4. d	.0111549	.1044354	.1242266	.3367301	.209451	.1944825	.0195195
1719.	5. e	.0107459	.1021052	.1225813	.3355542	.2108559	.1979556	.020202
1720.	6. f	.0103499	.0998085	.1209339	.3343196	.2122287	.2014547	.0209047
1721.	7. g	.0099668	.0975455	.1192851	.3330269	.2135688	.2049789	.0216279
1722.	8. h	.0095961	.0953161	.1176357	.3316769	.2148754	.2085276	.0223721
1723.	9. j	.0092375	.0931205	.1159861	.3302703	.2161479	.2120999	.0231379
1724.	10.	.0088907	.0909586	.1143371	.3288079	.2173854	.2156948	.0239256
1725.	11.	.0085553	.0888304	.1126894	.3272904	.2185873	.2193114	.0247357
1726.	12.	.0082311	.086736	.1110435	.3257186	.219753	.222949	.0255687
1727.	13.	.0079178	.0846753	.1094001	.3240936	.2208818	.2266064	.026425
1728.	14.	.007615	.0826482	.1077598	.3224159	.2219731	.2302828	.0273052
1729.	15.	.0073224	.0806548	.1061231	.3206867	.2230262	.2339771	.0282097
1730.	16.	.0070398	.0786948	.1044907	.3189068	.2240406	.2376883	.029139
1731.	17.	.0067668	.0767682	.1028631	.3170772	.2250157	.2414153	.0300936
1732.	18.	.0065033	.0748749	.1012409	.3151988	.225951	.2451571	.031074
1733.	19.	.0062489	.0730148	.0996246	.3132727	.2268458	.2489126	.0320807
1734.	20.	.0060033	.0711876	.0980148	.3112997	.2276998	.2526807	.0331141

1735.	21.	.0057663	.0693934	.096412	.3092811	.2285123	.2564601	.0341748
1736.	22.	.0055376	.0676318	.0948167	.3072178	.229283	.2602498	.0352633
1737.	23.	.0053171	.0659026	.0932295	.3051108	.2300114	.2640485	.0363801
1738.	24.	.0051044	.0642058	.0916507	.3029613	.2306971	.267855	.0375256

```
. oprobit volhr3 trust memprofx memfratx memservx memrelx parvol homemake
attend fund younghlp age faminc educ catholic

Iteration 0:   log likelihood = -1213.4643
Iteration 1:   log likelihood = -1013.4444
Iteration 2:   log likelihood = -1008.0223
Iteration 3:   log likelihood = -1008.0073

Ordered probit estimates                          Number of obs   =       1728
                                                  LR chi2(14)     =     410.91
                                                  Prob > chi2     =     0.0000
Log likelihood = -1008.0073                       Pseudo R2       =     0.1693

------------------------------------------------------------------------------
      volhr3 |      Coef.   Std. Err.       z     P>|z|       [95% Conf. Interval]
-------------+----------------------------------------------------------------
       trust |   .2112027   .0704434     2.998   0.003       .0731363    .3492692
    memprofx |   .4276804   .1194285     3.581   0.000       .1936048     .661756
    memfratx |   .2167808   .1710966     1.267   0.205      -.1185623    .5521239
    memservx |   .5424453   .1543468     3.514   0.000       .2399311    .8449596
     memrelx |   .4835321   .1426089     3.391   0.001       .2040237    .7630405
      parvol |   .1285566   .0408349     3.148   0.002       .0485216    .2085916
    homemake |   .2863969   .1081487     2.648   0.008       .0744295    .4983644
      attend |  -.3055987   .0316532    -9.655   0.000      -.3676378   -.2435597
        fund |  -.1063452   .0878788    -1.210   0.226      -.2785845    .0658942
    younghlp |   .1655027   .0351077     4.714   0.000       .0966928    .2343126
         age |  -.0059805   .0020394    -2.933   0.003      -.0099777   -.0019834
      faminc |   .0265757   .0076807     3.460   0.001       .0115219    .0416296
        educ |   .0682926    .013883     4.919   0.000       .0410824    .0955027
    catholic |  -.2259045   .0805727    -2.804   0.005       -.383824    -.067985
-------------+----------------------------------------------------------------
       _cut1 |   .6754655   .2057974             (Ancillary parameters)
       _cut2 |   .6939544   .2058207
------------------------------------------------------------------------------
```

```
. prchange

oprobit: Changes in Predicted Probabilities for volhr3

trust
            Avg|Chg|           0           1           2
    0->1   .05380531  -.08070797   .00044001   .08026797

memprofx
            Avg|Chg|           0           1           2
    0->1   .11183346  -.16775021   .00044885   .16730133

memfratx
            Avg|Chg|           0           1           2
    0->1   .05629486  -.08444232   .00033997    .0841023

memservx
            Avg|Chg|           0           1           2
    0->1   .14220475  -.21330711   .00029468   .21301246

memrelx
            Avg|Chg|           0           1           2
    0->1   .12675544  -.19013315   .00037083   .18976232

parvol
            Avg|Chg|           0           1           2
Min->Max   .06548499   -.0982275   .00053097   .09769651
   -+1/2   .03257268    -.048859   .00028662   .04857242
  -+sd/2   .02775372  -.04163057   .00024431   .04138628
MargEfct   .09777895  -.04888947   .00028719   .04860228

homemake
            Avg|Chg|           0           1           2
    0->1   .07447589  -.11171383   .00042034   .11129349

attend
            Avg|Chg|           0           1           2
Min->Max   .21572266   .32358399  -.00246475  -.32111923
   -+1/2   .07720676   .11581016  -.00067505  -.11513507
  -+sd/2   .08687501    .1303125    -.000758  -.12955454
MargEfct   .23243553   .11621777   -.0006827  -.11553506

fund
            Avg|Chg|           0           1           2
    0->1   .02675207   .04012811  -.00025246  -.03987563

younghlp
            Avg|Chg|           0           1           2
Min->Max   .11957298   -.1793595   .00140955   .17794991
   -+1/2   .04191666  -.06287497   .00036851    .0625065
  -+sd/2    .0428063  -.06420946   .00037629   .06383315
MargEfct   .12587977  -.06293989   .00036973   .06257016

age
            Avg|Chg|           0           1           2
Min->Max   .11235482   .16853225   -.0011349  -.16739732
   -+1/2   .00151624   .00227433  -.00001336  -.00226101
  -+sd/2   .02632299    .0394845  -.00023174  -.03925273
MargEfct   .00454875   .00227437  -.00001336  -.00226101
```

faminc

	Avg|Chg|	0	1	2
Min->Max	.12842974	-.1926446	.00094985	.19169477
-+1/2	.00673756	-.01010633	.00005936	.01004699
-+sd/2	.03218616	-.04827923	.00028323	.04799601
MargEfct	.02021326	-.01010663	.00005937	.01004726

educ

	Avg|Chg|	0	1	2
Min->Max	.18475018	-.27712527	.00169961	.27542564
-+1/2	.01731118	-.02596676	.00015248	.02581429
-+sd/2	.04836571	-.07254857	.00042488	.07212368
MargEfct	.05194268	-.02597134	.00015256	.02581878

catholic

	Avg|Chg|	0	1	2
0->1	.05665346	.08498019	-.00054039	-.08443981

	0	1	2
Pr(y|x)	.62149686	.00701078	.37149233

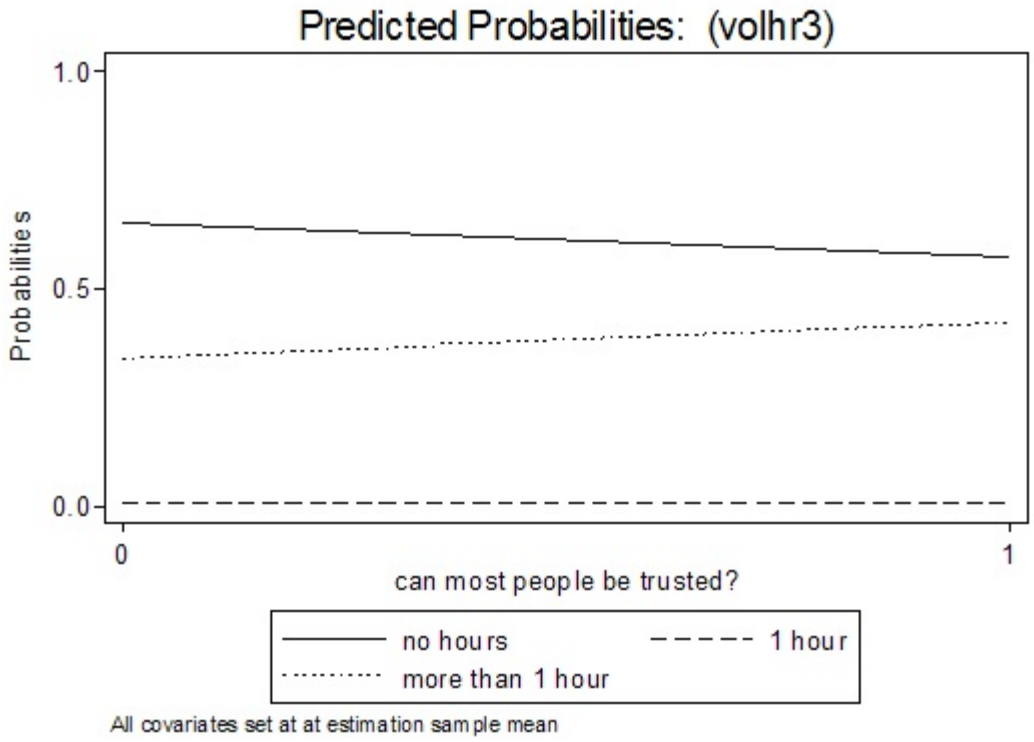
	attend	trust fund	memprofx younghlp	memfratx age	memservx faminc	memrelx educ	parvol catholic	homemake
x=	2.09086	.396412	.098958	.040509	.053819	.063657	.814236	.104167
		.283565	2.2066	47.1134	8.7853	6.94155	.376736	
sd(x)=	1.12629	.489293	.298693	.197207	.225726	.244212	.851909	.305565
		.450859	1.02127	17.3676	4.77989	2.79725	.484708	

```
. oprobtab volhr3 trust memprofx memfratx memservx memrelx parvol homemake
attend fund younghlp age faminc educ catholic



Iteration 0:   log likelihood = -1213.4643
Iteration 1:   log likelihood = -1013.4444
Iteration 2:   log likelihood = -1008.0223
Iteration 3:   log likelihood = -1008.0073

Ordered probit estimates                          Number of obs   =       1728
                                                  LR chi2(14)     =     410.91
                                                  Prob > chi2     =     0.0000
Log likelihood = -1008.0073                       Pseudo R2       =     0.1693

------------------------------------------------------------------------------
      volhr3 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       trust |   .2112027   .0704434     3.00   0.003     .0731363    .3492692
    memprofx |   .4276804   .1194285     3.58   0.000     .1936048     .661756
    memfratx |   .2167808   .1710966     1.27   0.205    -.1185623    .5521239
    memservx |   .5424453   .1543468     3.51   0.000     .2399311    .8449596
     memrelx |   .4835321   .1426089     3.39   0.001     .2040237    .7630405
      parvol |   .1285566   .0408349     3.15   0.002     .0485216    .2085916
    homemake |   .2863969   .1081487     2.65   0.008     .0744295    .4983644
      attend |  -.3055987   .0316532    -9.65   0.000    -.3676378   -.2435597
        fund |  -.1063452   .0878788    -1.21   0.226    -.2785845    .0658942
    younghlp |   .1655027   .0351077     4.71   0.000     .0966928    .2343126
         age |  -.0059805   .0020394    -2.93   0.003    -.0099777   -.0019834
      faminc |   .0265757   .0076807     3.46   0.001     .0115219    .0416296
        educ |   .0682926    .013883     4.92   0.000     .0410824    .0955027
    catholic |  -.2259045   .0805727    -2.80   0.005     -.383824    -.067985
-------------+----------------------------------------------------------------
       _cut1 |   .6754655   .2057974          (Ancillary parameters)
       _cut2 |   .6939544   .2058207
------------------------------------------------------------------------------



Table shows predicted probability distribution with all variables
 at means (prob1) and with unit change in trust (prob2)


                  Prob1     Prob2
Category 1 :      0.6541    0.5735
Category 2 :      0.0068    0.0072
Category 3 :      0.3391    0.4193
```

```
estsimp oprobit volhr3 trust memprofx memfratx memservx memrelx parvol
homemake attend fund younghlp age faminc educ catholic

Iteration 0:   log likelihood = -1213.4643
Iteration 1:   log likelihood = -1013.4444
Iteration 2:   log likelihood = -1008.0223
Iteration 3:   log likelihood = -1008.0073

Ordered probit estimates                          Number of obs   =       1728
                                                  LR chi2(14)     =     410.91
                                                  Prob > chi2     =     0.0000
Log likelihood = -1008.0073                       Pseudo R2       =     0.1693

------------------------------------------------------------------------------
      volhr3 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       trust |   .2112027   .0704434     3.00   0.003     .0731363    .3492692
    memprofx |   .4276804   .1194285     3.58   0.000     .1936048     .661756
    memfratx |   .2167808   .1710966     1.27   0.205    -.1185623    .5521239
    memservx |   .5424453   .1543468     3.51   0.000     .2399311    .8449596
     memrelx |   .4835321   .1426089     3.39   0.001     .2040237    .7630405
      parvol |   .1285566   .0408349     3.15   0.002     .0485216    .2085916
    homemake |   .2863969   .1081487     2.65   0.008     .0744295    .4983644
      attend |  -.3055987   .0316532    -9.65   0.000    -.3676378   -.2435597
        fund |  -.1063452   .0878788    -1.21   0.226    -.2785845    .0658942
    younghlp |   .1655027   .0351077     4.71   0.000     .0966928    .2343126
         age |  -.0059805   .0020394    -2.93   0.003    -.0099777   -.0019834
      faminc |   .0265757   .0076807     3.46   0.001     .0115219    .0416296
        educ |   .0682926    .013883     4.92   0.000     .0410824    .0955027
    catholic |  -.2259045   .0805727    -2.80   0.005     -.383824    -.067985
-------------+----------------------------------------------------------------
       _cut1 |   .6754655   .2057974          (Ancillary parameters)
       _cut2 |   .6939544   .2058207
------------------------------------------------------------------------------

Simulating main parameters.  Please wait....
% of simulations completed: 6% 12% 18% 25% 31% 37% 43% 50% 56% 62% 68% 75% 81%
87% 93% 100%

Number of simulations  : 1000
Names of new variables : b1 b2 b3 b4 b5 b6 b7 b8 b9 b10 b11 b12 b13 b14 b15
b16
```

```
. setx  trust 0 (memprofx memfratx memservx memrelx parvol homemake attend
fund younghlp age faminc educ catholic) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
              Pr(volhr3=0) |   .6526564     .0163674     .6190942    .6817011
              Pr(volhr3=1) |   .0067994     .0021549     .0026372    .0110484
              Pr(volhr3=2) |   .3405442     .0163132     .3103931    .3732587

. setx  trust 1 (memprofx memfratx memservx memrelx parvol homemake attend
fund younghlp age faminc educ catholic) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
              Pr(volhr3=0) |   .5719638     .0212074     .5297599    .6129472
              Pr(volhr3=1) |   .0072364     .0022937     .0028018    .0116053
              Pr(volhr3=2) |   .4207998     .0211017     .3807699    .4633774




. setx  younghlp 0 (trust memprofx memfratx memservx memrelx parvol homemake
attend fund age faminc educ catholic) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
              Pr(volhr3=0) |   .7492468     .0276101     .6914843    .7987463
              Pr(volhr3=1) |   .0058303     .0018854     .0021896     .009585
              Pr(volhr3=2) |   .2449229     .0272407     .1956281    .3025719

. setx  younghlp 1 (trust memprofx memfratx memservx memrelx parvol homemake
attend fund age faminc educ catholic) mean

. simqi

      Quantity of Interest |     Mean       Std. Err.    [95% Conf. Interval]
---------------------------+--------------------------------------------------
              Pr(volhr3=0) |   .6943449     .0197638     .6524437    .7300313
              Pr(volhr3=1) |   .0064451     .0020517     .0024767    .0104782
              Pr(volhr3=2) |   .2992101     .0195657     .2645067    .3417279
```

```
. oprobpr trust, from(0) to(1) newobs(2) scheme(s1mono)

Probabilities

  Outcome Variable:   volhr3
  Independent Variable: trust -- can most people be trusted?
  Covariates: memprofx memfratx memservx memrelx parvol homemake attend fund
younghlp age faminc educ catholic
  All variables set at estimation sample mean
  Total Observations: 1728

      +----------------------------------------+
      | trust     _Cat_1     _Cat_2     _Cat_3 |
      |----------------------------------------|
2720. |  care   .6528912   .0068023   .3403065 |
2721. |  trus   .5721832   .0072423   .4205745 |
      +----------------------------------------+
```



```
oprobpr attend, from(1) to(4) newobs(4) scheme(s1mono) title("Probabilities of
Volunteering for Attending Services") xtitle("Frequency of Attending Ser-
vices")

Probabilities

  Outcome Variable:   volhr3
  Independent Variable: attend -- attend services?
  Covariates: trust memprofx memfratx memservx memrelx parvol homemake fund
younghlp age faminc educ catholic
  All variables set at estimation sample mean
  Total Observations: 1728

      +-----------------------------------------+
      | attend     _Cat_1     _Cat_2     _Cat_3 |
      |-----------------------------------------|
2720. |      1   .4904463   .0073751   .5021786 |
2721. |      2   .6108936   .0070704    .382036 |
2722. |      3   .7214813   .0061739   .2723449 |
2723. |      4   .8140303   .0049104   .1810594 |
      +-----------------------------------------+
```