------------------------------------------------------------------------------------------------------------------------------------------------------

 name: <unnamed>

 log: /Users/jmcguire/Documents/Ecuador BDH article/Ecuador BDH WD Resubmission/Ecuador BDH Stata DoFile Output Excel Data/ecuador1May2017.smcl

 log type: smcl

 opened on: 1 May 2017, 14:32:22

. gen lhhconsump = ln(hhconsump)

. gen lhhpersons = ln(hhpersons)

. summarize

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 identif\_hog | 11,449 1.13e+14 6.40e+13 1.02e+13 2.40e+14

 bdhoct13 | 11,449 .6503625 .4768763 0 1

 school | 11,449 .7100183 .4537734 0 1

 sixtyfive | 11,449 .2105861 .4077427 0 1

 disabled | 11,449 .0849856 .2788724 0 1

-------------+---------------------------------------------------------

 eligcateg | 11,449 1.00559 .5928501 0 3

 sixtyfivedq | 11,449 .0611407 .2395987 0 1

 disableddq | 11,449 .0234082 .1512026 0 1

 hhpersons | 11,449 4.731854 2.15354 1 20

 nbiparroq | 11,449 .7672897 .2037956 .223 1

-------------+---------------------------------------------------------

 hhconsump | 11,449 70.86128 22.05281 7.13 106.22

 j\_sch4up | 11,449 .5934143 .4912177 0 1

 cellphone | 11,449 .5884357 .4921385 0 1

 internet | 11,449 .0610534 .2394386 0 1

 indigonly | 11,449 .0136256 .115936 0 1

-------------+---------------------------------------------------------

barelypoor40 | 11,449 .1431566 .3502478 0 1

 densidad | 11,449 382.6662 847.9502 .33 4701.63

 densidad05 | 11,449 .0598306 .237183 0 1

 densidad10 | 11,449 .1286575 .3348351 0 1

 densidad15 | 11,449 .1832474 .3868861 0 1

-------------+---------------------------------------------------------

 densidad20 | 11,449 .2193205 .4138042 0 1

 spentondocs | 11,449 .1727662 .3780615 0 1

 birthatt | 11,449 .8218015 .2363712 0 1

 nofeelpoor | 11,449 .0181675 .1335628 0 1

 j\_mmpob | 11,449 .3471919 .4760982 0 1

-------------+---------------------------------------------------------

 j\_pob | 11,449 .5258101 .4993552 0 1

 j\_muypob | 11,449 .1088305 .31144 0 1

 satisgovt | 11,449 6.698751 2.339278 1 10

 poor40 | 11,449 1 0 1 1

 provincia | 0

-------------+---------------------------------------------------------

 parroquia | 0

 poblacion | 11,449 132069.4 438668.7 355 2291158

 periodo | 0

 schoolyears | 10,240 4.549414 1.818962 0 10

 bdhever | 11,449 .7386671 .4393801 0 1

-------------+---------------------------------------------------------

 bdhecv6r | 11,449 .5888724 .4920598 0 1

 sexohhh | 11,449 .2177483 .4127334 0 1

 lhhconsump | 11,449 4.19979 .3750833 1.964311 4.665513

 lhhpersons | 11,449 1.43975 .5088957 0 2.995732

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6152.581

Iteration 2: log likelihood = -6134.8194

Iteration 3: log likelihood = -6134.7648

Iteration 4: log likelihood = -6134.7648

Probit regression Number of obs = 11,449

 LR chi2(18) = 2550.56

 Prob > chi2 = 0.0000

Log likelihood = -6134.7648 Pseudo R2 = 0.1721

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6644844 .0371175 17.90 0.000 .5917355 .7372333

 1.disabled | .7480866 .0675553 11.07 0.000 .6156807 .8804924

 1.sixtyfive | 1.072083 .047308 22.66 0.000 .9793612 1.164805

 1.sixtyfivedq | -.1064341 .0748509 -1.42 0.155 -.2531392 .0402711

 1.disableddq | -.1174342 .1278714 -0.92 0.358 -.3680576 .1331892

 nbiparroq | 1.746822 .0790958 22.08 0.000 1.591797 1.901847

 lhhpersons | .1031555 .034822 2.96 0.003 .0349056 .1714053

 lhhconsump | -.2772185 .0456251 -6.08 0.000 -.366642 -.187795

 1.j\_sch4up | -.0992207 .0279591 -3.55 0.000 -.1540195 -.0444219

 1.cellphone | -.0887157 .0294203 -3.02 0.003 -.1463784 -.031053

 1.internet | -.5546017 .0546923 -10.14 0.000 -.6617966 -.4474067

 1.indigonly | .1570365 .1312701 1.20 0.232 -.1002482 .4143212

1.barelypoor40 | -.1528559 .0412041 -3.71 0.000 -.2336145 -.0720973

 1.spentondocs | .0418845 .0346814 1.21 0.227 -.0260898 .1098587

 1.densidad10 | -.3033022 .0454493 -6.67 0.000 -.3923811 -.2142233

 birthatt | .1476549 .0754106 1.96 0.050 -.0001472 .295457

 1.nofeelpoor | -.6936193 .0998517 -6.95 0.000 -.889325 -.4979136

 satisgovt | .0392034 .0055503 7.06 0.000 .0283251 .0500817

 \_cons | -.7830675 .2249551 -3.48 0.000 -1.223971 -.3421636

--------------------------------------------------------------------------------

. margins i.school

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 school |

 0 | .4936332 .0097401 50.68 0.000 .4745429 .5127236

 1 | .7033448 .0046794 150.31 0.000 .6941733 .7125162

------------------------------------------------------------------------------

. margins i.sixtyfive

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 sixtyfive |

 0 | .5857916 .0051756 113.18 0.000 .5756476 .5959356

 1 | .8707742 .0071765 121.34 0.000 .8567085 .8848399

------------------------------------------------------------------------------

. margins i.disabled

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 disabled |

 0 | .6345911 .0043075 147.32 0.000 .6261485 .6430336

 1 | .8330264 .0134463 61.95 0.000 .8066721 .8593808

------------------------------------------------------------------------------

. margins i.sixtyfivedq

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 sixtyfivedq |

 0 | .6504018 .0040736 159.66 0.000 .6424177 .6583858

 1 | .6175501 .0228293 27.05 0.000 .5728055 .6622947

------------------------------------------------------------------------------

. margins i.disableddq

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 disableddq |

 0 | .6495929 .0040141 161.83 0.000 .6417254 .6574605

 1 | .6132038 .0399162 15.36 0.000 .5349695 .6914381

------------------------------------------------------------------------------

. summarize lhhpersons

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 lhhpersons | 11,449 1.43975 .5088957 0 2.995732

. display 1.43975-.5088957

.9308543

. display 1.43975+.5088957

1.9486457

. margins , at(lhhpersons=(0.00(.50)3.00)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : lhhpersons = 0

2.\_at : lhhpersons = .5

3.\_at : lhhpersons = 1

4.\_at : lhhpersons = 1.5

5.\_at : lhhpersons = 2

6.\_at : lhhpersons = 2.5

7.\_at : lhhpersons = 3

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .6028638 .0165113 36.51 0.000 .5705023 .6352253

 2 | .619187 .0110902 55.83 0.000 .5974507 .6409233

 3 | .6353 .0062429 101.76 0.000 .6230642 .6475358

 4 | .6511761 .0040499 160.79 0.000 .6432385 .6591136

 5 | .6667898 .0070751 94.24 0.000 .6529229 .6806568

 6 | .6821173 .0115693 58.96 0.000 .6594418 .7047928

 7 | .697136 .0161559 43.15 0.000 .6654711 .728801

------------------------------------------------------------------------------

. summarize nbiparroq

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 nbiparroq | 11,449 .7672897 .2037956 .223 1

. display .7672897-.2037956

.5634941

. display .7672671+.2037956

.9710627

. margins , at(nbiparroq=(0.22(.05)1.00)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : nbiparroq = .22

2.\_at : nbiparroq = .27

3.\_at : nbiparroq = .32

4.\_at : nbiparroq = .37

5.\_at : nbiparroq = .42

6.\_at : nbiparroq = .47

7.\_at : nbiparroq = .52

8.\_at : nbiparroq = .57

9.\_at : nbiparroq = .62

10.\_at : nbiparroq = .67

11.\_at : nbiparroq = .72

12.\_at : nbiparroq = .77

13.\_at : nbiparroq = .82

14.\_at : nbiparroq = .87

15.\_at : nbiparroq = .92

16.\_at : nbiparroq = .97

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .3342509 .0138537 24.13 0.000 .3070982 .3614037

 2 | .3618563 .0130909 27.64 0.000 .3361986 .3875141

 3 | .3902579 .0122091 31.96 0.000 .3663286 .4141873

 4 | .4193124 .011226 37.35 0.000 .39731 .4413149

 5 | .4488645 .0101644 44.16 0.000 .4289427 .4687864

 6 | .4787498 .0090528 52.88 0.000 .4610065 .496493

 7 | .508797 .0079269 64.19 0.000 .4932607 .5243334

 8 | .5388319 .0068318 78.87 0.000 .5254419 .5522219

 9 | .5686797 .0058271 97.59 0.000 .5572588 .5801006

 10 | .5981684 .0049916 119.83 0.000 .588385 .6079518

 11 | .6271321 .0044199 141.89 0.000 .6184693 .6357949

 12 | .6554137 .0041897 156.43 0.000 .647202 .6636254

 13 | .6828676 .0043027 158.71 0.000 .6744344 .6913008

 14 | .709362 .00467 151.90 0.000 .7002089 .7185151

 15 | .7347809 .0051719 142.07 0.000 .7246441 .7449177

 16 | .7590253 .005711 132.91 0.000 .7478319 .7702187

------------------------------------------------------------------------------

. summarize lhhconsump

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 lhhconsump | 11,449 4.19979 .3750833 1.964311 4.665513

. display 4.19979-.3750833

3.8247067

. display 4.19979+.3750833

4.5748733

. margins , at(lhhconsump=(1.9(.1)4.5)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : lhhconsump = 1.9

2.\_at : lhhconsump = 2

3.\_at : lhhconsump = 2.1

4.\_at : lhhconsump = 2.2

5.\_at : lhhconsump = 2.3

6.\_at : lhhconsump = 2.4

7.\_at : lhhconsump = 2.5

8.\_at : lhhconsump = 2.6

9.\_at : lhhconsump = 2.7

10.\_at : lhhconsump = 2.8

11.\_at : lhhconsump = 2.9

12.\_at : lhhconsump = 3

13.\_at : lhhconsump = 3.1

14.\_at : lhhconsump = 3.2

15.\_at : lhhconsump = 3.3

16.\_at : lhhconsump = 3.4

17.\_at : lhhconsump = 3.5

18.\_at : lhhconsump = 3.6

19.\_at : lhhconsump = 3.7

20.\_at : lhhconsump = 3.8

21.\_at : lhhconsump = 3.9

22.\_at : lhhconsump = 4

23.\_at : lhhconsump = 4.1

24.\_at : lhhconsump = 4.2

25.\_at : lhhconsump = 4.3

26.\_at : lhhconsump = 4.4

27.\_at : lhhconsump = 4.5

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .821005 .0234802 34.97 0.000 .7749847 .8670254

 2 | .814912 .022964 35.49 0.000 .7699033 .8599207

 3 | .80869 .0224039 36.10 0.000 .7647793 .8526008

 4 | .8023396 .0217996 36.81 0.000 .7596132 .8450659

 5 | .7958616 .0211512 37.63 0.000 .754406 .8373172

 6 | .789257 .020459 38.58 0.000 .7491582 .8293558

 7 | .782527 .0197232 39.68 0.000 .7438702 .8211838

 8 | .7756728 .0189445 40.94 0.000 .7385424 .8128033

 9 | .768696 .0181234 42.41 0.000 .7331748 .8042172

 10 | .7615981 .0172609 44.12 0.000 .7277673 .7954289

 11 | .754381 .0163583 46.12 0.000 .7223194 .7864426

 12 | .7470466 .0154169 48.46 0.000 .71683 .7772632

 13 | .7395971 .0144388 51.22 0.000 .7112975 .7678966

 14 | .7320346 .0134264 54.52 0.000 .7057194 .7583499

 15 | .7243618 .0123829 58.50 0.000 .7000918 .7486318

 16 | .7165812 .0113126 63.34 0.000 .6944088 .7387535

 17 | .7086955 .0102216 69.33 0.000 .6886615 .7287295

 18 | .7007078 .0091186 76.84 0.000 .6828357 .7185799

 19 | .692621 .0080167 86.40 0.000 .6769084 .7083335

 20 | .6844384 .0069375 98.66 0.000 .6708412 .6980356

 21 | .6761635 .0059169 114.28 0.000 .6645665 .6877604

 22 | .6677996 .0050184 133.07 0.000 .6579638 .6776355

 23 | .6593506 .0043486 151.62 0.000 .6508275 .6678737

 24 | .6508202 .0040539 160.54 0.000 .6428747 .6587656

 25 | .6422122 .0042408 151.44 0.000 .6339003 .650524

 26 | .6335308 .0048757 129.94 0.000 .6239746 .643087

 27 | .6247802 .0058298 107.17 0.000 .6133539 .6362065

------------------------------------------------------------------------------

. margins i.j\_sch4up

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 j\_sch4up |

 0 | .6677612 .0065297 102.26 0.000 .6549632 .6805593

 1 | .6375268 .0052077 122.42 0.000 .62732 .6477337

------------------------------------------------------------------------------

. margins i.cellphone

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 cellphone |

 0 | .6657497 .0067572 98.52 0.000 .6525058 .6789936

 1 | .6386649 .005342 119.56 0.000 .6281949 .649135

------------------------------------------------------------------------------

. margins i.internet

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 internet |

 0 | .6604466 .0041583 158.83 0.000 .6522965 .6685967

 1 | .4800357 .0176986 27.12 0.000 .4453471 .5147244

------------------------------------------------------------------------------

. margins i.indigonly

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 indigonly |

 0 | .6486548 .0040141 161.59 0.000 .6407872 .6565224

 1 | .69529 .0376227 18.48 0.000 .6215509 .7690291

------------------------------------------------------------------------------

. margins i.barelypoor40

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

barelypoor40 |

 0 | .6562519 .0044287 148.18 0.000 .6475719 .664932

 1 | .6086263 .0118878 51.20 0.000 .5853266 .6319259

------------------------------------------------------------------------------

. margins i.spentondocs

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 spentondocs |

 0 | .6468834 .0044209 146.32 0.000 .6382186 .6555481

 1 | .6595992 .0094545 69.77 0.000 .6410687 .6781296

------------------------------------------------------------------------------

. \*\*\*Sensitivity check: Change the cutoff for "low" population density from 10 inhabitants per square kilometer to 5, 15, and 20 respectively

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad05 birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6149.6724

Iteration 2: log likelihood = -6132.0004

Iteration 3: log likelihood = -6131.9456

Iteration 4: log likelihood = -6131.9456

Probit regression Number of obs = 11,449

 LR chi2(18) = 2556.20

 Prob > chi2 = 0.0000

Log likelihood = -6131.9456 Pseudo R2 = 0.1725

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6633711 .0371077 17.88 0.000 .5906414 .7361009

 1.disabled | .749249 .0675482 11.09 0.000 .616857 .8816409

 1.sixtyfive | 1.074535 .0472918 22.72 0.000 .9818445 1.167225

 1.sixtyfivedq | -.1152577 .0748088 -1.54 0.123 -.2618802 .0313649

 1.disableddq | -.1201173 .1278491 -0.94 0.347 -.370697 .1304625

 nbiparroq | 1.682477 .0784801 21.44 0.000 1.528658 1.836295

 lhhpersons | .100378 .0348189 2.88 0.004 .0321342 .1686217

 lhhconsump | -.2778551 .0456918 -6.08 0.000 -.3674093 -.1883008

 1.j\_sch4up | -.1014379 .0279376 -3.63 0.000 -.1561947 -.0466812

 1.cellphone | -.0821108 .0292867 -2.80 0.005 -.1395116 -.0247099

 1.internet | -.5618362 .0546915 -10.27 0.000 -.6690295 -.4546429

 1.indigonly | .1877859 .1317806 1.42 0.154 -.0704993 .4460711

1.barelypoor40 | -.1501115 .0412161 -3.64 0.000 -.2308935 -.0693295

 1.spentondocs | .0474575 .0346665 1.37 0.171 -.0204875 .1154026

 1.densidad05 | -.439007 .0617996 -7.10 0.000 -.560132 -.317882

 birthatt | .1116736 .0766609 1.46 0.145 -.038579 .2619261

 1.nofeelpoor | -.6800168 .0997681 -6.82 0.000 -.8755586 -.484475

 satisgovt | .0397365 .005555 7.15 0.000 .0288489 .050624

 \_cons | -.716678 .2262938 -3.17 0.002 -1.160206 -.2731502

--------------------------------------------------------------------------------

. margins i.densidad05

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 densidad05 |

 0 | .6569736 .0040953 160.42 0.000 .648947 .6650002

 1 | .5176606 .019309 26.81 0.000 .4798157 .5555054

------------------------------------------------------------------------------

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6152.581

Iteration 2: log likelihood = -6134.8194

Iteration 3: log likelihood = -6134.7648

Iteration 4: log likelihood = -6134.7648

Probit regression Number of obs = 11,449

 LR chi2(18) = 2550.56

 Prob > chi2 = 0.0000

Log likelihood = -6134.7648 Pseudo R2 = 0.1721

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6644844 .0371175 17.90 0.000 .5917355 .7372333

 1.disabled | .7480866 .0675553 11.07 0.000 .6156807 .8804924

 1.sixtyfive | 1.072083 .047308 22.66 0.000 .9793612 1.164805

 1.sixtyfivedq | -.1064341 .0748509 -1.42 0.155 -.2531392 .0402711

 1.disableddq | -.1174342 .1278714 -0.92 0.358 -.3680576 .1331892

 nbiparroq | 1.746822 .0790958 22.08 0.000 1.591797 1.901847

 lhhpersons | .1031555 .034822 2.96 0.003 .0349056 .1714053

 lhhconsump | -.2772185 .0456251 -6.08 0.000 -.366642 -.187795

 1.j\_sch4up | -.0992207 .0279591 -3.55 0.000 -.1540195 -.0444219

 1.cellphone | -.0887157 .0294203 -3.02 0.003 -.1463784 -.031053

 1.internet | -.5546017 .0546923 -10.14 0.000 -.6617966 -.4474067

 1.indigonly | .1570365 .1312701 1.20 0.232 -.1002482 .4143212

1.barelypoor40 | -.1528559 .0412041 -3.71 0.000 -.2336145 -.0720973

 1.spentondocs | .0418845 .0346814 1.21 0.227 -.0260898 .1098587

 1.densidad10 | -.3033022 .0454493 -6.67 0.000 -.3923811 -.2142233

 birthatt | .1476549 .0754106 1.96 0.050 -.0001472 .295457

 1.nofeelpoor | -.6936193 .0998517 -6.95 0.000 -.889325 -.4979136

 satisgovt | .0392034 .0055503 7.06 0.000 .0283251 .0500817

 \_cons | -.7830675 .2249551 -3.48 0.000 -1.223971 -.3421636

--------------------------------------------------------------------------------

. margins i.densidad10

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 densidad10 |

 0 | .6604813 .0042661 154.82 0.000 .6521199 .6688427

 1 | .5658484 .013327 42.46 0.000 .539728 .5919687

------------------------------------------------------------------------------

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad15 birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6147.7177

Iteration 2: log likelihood = -6129.8482

Iteration 3: log likelihood = -6129.7931

Iteration 4: log likelihood = -6129.7931

Probit regression Number of obs = 11,449

 LR chi2(18) = 2560.50

 Prob > chi2 = 0.0000

Log likelihood = -6129.7931 Pseudo R2 = 0.1728

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6632451 .037131 17.86 0.000 .5904696 .7360206

 1.disabled | .7503611 .067521 11.11 0.000 .6180224 .8826998

 1.sixtyfive | 1.072354 .0473152 22.66 0.000 .9796177 1.16509

 1.sixtyfivedq | -.1070564 .0748489 -1.43 0.153 -.2537576 .0396448

 1.disableddq | -.1134986 .1278406 -0.89 0.375 -.3640616 .1370643

 nbiparroq | 1.787261 .0798571 22.38 0.000 1.630744 1.943778

 lhhpersons | .1052972 .0348484 3.02 0.003 .0369955 .1735988

 lhhconsump | -.2857 .045692 -6.25 0.000 -.3752547 -.1961453

 1.j\_sch4up | -.0970141 .02798 -3.47 0.001 -.151854 -.0421742

 1.cellphone | -.0859136 .0293191 -2.93 0.003 -.1433779 -.0284493

 1.internet | -.5536697 .0547343 -10.12 0.000 -.660947 -.4463924

 1.indigonly | .1494968 .1312289 1.14 0.255 -.1077071 .4067007

1.barelypoor40 | -.1510639 .0412126 -3.67 0.000 -.2318392 -.0702887

 1.spentondocs | .0402644 .0346918 1.16 0.246 -.0277303 .1082592

 1.densidad15 | -.3048836 .041358 -7.37 0.000 -.3859438 -.2238234

 birthatt | .1107045 .076389 1.45 0.147 -.0390152 .2604243

 1.nofeelpoor | -.6985231 .0997194 -7.00 0.000 -.8939694 -.5030767

 satisgovt | .0389397 .0055488 7.02 0.000 .0280642 .0498152

 \_cons | -.7345356 .225529 -3.26 0.001 -1.176564 -.2925068

--------------------------------------------------------------------------------

. margins i.densidad15

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 densidad15 |

 0 | .6650873 .0044254 150.29 0.000 .6564137 .673761

 1 | .5707234 .0115085 49.59 0.000 .5481672 .5932797

------------------------------------------------------------------------------

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad20 birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6150.3555

Iteration 2: log likelihood = -6132.5352

Iteration 3: log likelihood = -6132.4807

Iteration 4: log likelihood = -6132.4807

Probit regression Number of obs = 11,449

 LR chi2(18) = 2555.13

 Prob > chi2 = 0.0000

Log likelihood = -6132.4807 Pseudo R2 = 0.1724

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6662819 .0371206 17.95 0.000 .593527 .7390369

 1.disabled | .7530658 .067557 11.15 0.000 .6206564 .8854751

 1.sixtyfive | 1.070813 .047321 22.63 0.000 .9780659 1.163561

 1.sixtyfivedq | -.0922617 .0748129 -1.23 0.217 -.2388922 .0543688

 1.disableddq | -.1119106 .1279715 -0.87 0.382 -.3627302 .1389089

 nbiparroq | 1.807755 .0805859 22.43 0.000 1.649809 1.9657

 lhhpersons | .1011833 .0348158 2.91 0.004 .0329456 .1694211

 lhhconsump | -.2796651 .0456036 -6.13 0.000 -.3690465 -.1902838

 1.j\_sch4up | -.0990992 .0279584 -3.54 0.000 -.1538967 -.0443017

 1.cellphone | -.0804396 .0292415 -2.75 0.006 -.1377519 -.0231274

 1.internet | -.5593931 .0547389 -10.22 0.000 -.6666793 -.4521068

 1.indigonly | .1423209 .131441 1.08 0.279 -.1152988 .3999406

1.barelypoor40 | -.1545328 .0412077 -3.75 0.000 -.2352983 -.0737673

 1.spentondocs | .0418524 .0346865 1.21 0.228 -.0261318 .1098366

 1.densidad20 | -.270751 .0387276 -6.99 0.000 -.3466556 -.1948464

 birthatt | .1323601 .0757622 1.75 0.081 -.0161311 .2808512

 1.nofeelpoor | -.7023494 .0996666 -7.05 0.000 -.8976924 -.5070064

 satisgovt | .0386426 .0055482 6.96 0.000 .0277683 .0495169

 \_cons | -.7865959 .2247324 -3.50 0.000 -1.227063 -.3461285

--------------------------------------------------------------------------------

. margins i.densidad20

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 densidad20 |

 0 | .6660457 .0045448 146.55 0.000 .657138 .6749534

 1 | .5826715 .0104199 55.92 0.000 .5622488 .6030942

------------------------------------------------------------------------------

. summarize birthatt

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 birthatt | 11,449 .8218015 .2363712 0 1

. display .8218015-.2363712

.5854303

. display .8218015+.2363712

1.0581727

. margins , at(birthatt=(0.00(.05)1.00)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : birthatt = 0

2.\_at : birthatt = .05

3.\_at : birthatt = .1

4.\_at : birthatt = .15

5.\_at : birthatt = .2

6.\_at : birthatt = .25

7.\_at : birthatt = .3

8.\_at : birthatt = .35

9.\_at : birthatt = .4

10.\_at : birthatt = .45

11.\_at : birthatt = .5

12.\_at : birthatt = .55

13.\_at : birthatt = .6

14.\_at : birthatt = .65

15.\_at : birthatt = .7

16.\_at : birthatt = .75

17.\_at : birthatt = .8

18.\_at : birthatt = .85

19.\_at : birthatt = .9

20.\_at : birthatt = .95

21.\_at : birthatt = 1

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .6151154 .0200842 30.63 0.000 .575751 .6544797

 2 | .6171857 .0188995 32.66 0.000 .5801434 .6542281

 3 | .6192527 .0177215 34.94 0.000 .5845192 .6539861

 4 | .6213162 .016551 37.54 0.000 .5888768 .6537555

 5 | .6233762 .015389 40.51 0.000 .5932143 .653538

 6 | .6254326 .0142368 43.93 0.000 .597529 .6533362

 7 | .6274854 .0130961 47.91 0.000 .6018176 .6531532

 8 | .6295345 .011969 52.60 0.000 .6060757 .6529933

 9 | .6315799 .0108587 58.16 0.000 .6102972 .6528626

 10 | .6336215 .0097696 64.86 0.000 .6144735 .6527696

 11 | .6356593 .008708 73.00 0.000 .6185919 .6527268

 12 | .6376932 .0076836 82.99 0.000 .6226337 .6527528

 13 | .6397232 .0067111 95.32 0.000 .6265697 .6528767

 14 | .6417492 .0058142 110.38 0.000 .6303534 .6531449

 15 | .6437711 .0050305 127.97 0.000 .6339114 .6536308

 16 | .6457889 .0044171 146.20 0.000 .6371315 .6544462

 17 | .6478026 .0040481 160.03 0.000 .6398685 .6557366

 18 | .649812 .0039877 162.95 0.000 .6419962 .6576279

 19 | .6518172 .0042454 153.53 0.000 .6434963 .6601381

 20 | .6538181 .0047663 137.17 0.000 .6444763 .6631599

 21 | .6558146 .0054727 119.83 0.000 .6450884 .6665409

------------------------------------------------------------------------------

. margins i.nofeelpoor

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 nofeelpoor |

 0 | .6531891 .0040318 162.01 0.000 .645287 .6610912

 1 | .4259569 .0319984 13.31 0.000 .3632412 .4886725

------------------------------------------------------------------------------

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad10 birthatt i.j\_mmpob satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6155.0657

Iteration 2: log likelihood = -6137.4292

Iteration 3: log likelihood = -6137.3748

Iteration 4: log likelihood = -6137.3748

Probit regression Number of obs = 11,449

 LR chi2(18) = 2545.34

 Prob > chi2 = 0.0000

Log likelihood = -6137.3748 Pseudo R2 = 0.1717

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6700074 .0371317 18.04 0.000 .5972305 .7427843

 1.disabled | .7386385 .067587 10.93 0.000 .6061705 .8711065

 1.sixtyfive | 1.070553 .0472425 22.66 0.000 .9779594 1.163147

 1.sixtyfivedq | -.0972166 .0749814 -1.30 0.195 -.2441774 .0497442

 1.disableddq | -.1295661 .1279069 -1.01 0.311 -.380259 .1211269

 nbiparroq | 1.728897 .0792202 21.82 0.000 1.573628 1.884165

 lhhpersons | .1183933 .0349594 3.39 0.001 .049874 .1869125

 lhhconsump | -.2443701 .0459911 -5.31 0.000 -.3345109 -.1542292

 1.j\_sch4up | -.1000042 .0279573 -3.58 0.000 -.1547996 -.0452088

 1.cellphone | -.0780722 .0294672 -2.65 0.008 -.1358268 -.0203175

 1.internet | -.5493814 .054689 -10.05 0.000 -.6565699 -.4421929

 1.indigonly | .1599896 .1313844 1.22 0.223 -.0975191 .4174983

1.barelypoor40 | -.157548 .0412015 -3.82 0.000 -.2383015 -.0767946

 1.spentondocs | .0452015 .0346941 1.30 0.193 -.0227976 .1132006

 1.densidad10 | -.3158798 .0453788 -6.96 0.000 -.4048206 -.2269389

 birthatt | .1372941 .0754482 1.82 0.069 -.0105817 .28517

 1.j\_mmpob | -.1872203 .0278767 -6.72 0.000 -.2418576 -.1325831

 satisgovt | .0393221 .0055515 7.08 0.000 .0284413 .0502029

 \_cons | -.8757475 .2254447 -3.88 0.000 -1.317611 -.4338841

--------------------------------------------------------------------------------

. margins i.j\_mmpob

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 j\_mmpob |

 0 | .6697635 .0049889 134.25 0.000 .6599854 .6795417

 1 | .6117616 .0070183 87.17 0.000 .5980059 .6255172

------------------------------------------------------------------------------

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad10 birthatt i.j\_pob satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6155.3969

Iteration 2: log likelihood = -6137.2978

Iteration 3: log likelihood = -6137.244

Iteration 4: log likelihood = -6137.244

Probit regression Number of obs = 11,449

 LR chi2(18) = 2545.60

 Prob > chi2 = 0.0000

Log likelihood = -6137.244 Pseudo R2 = 0.1718

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6681187 .0371246 18.00 0.000 .5953558 .7408816

 1.disabled | .7526272 .067662 11.12 0.000 .6200122 .8852422

 1.sixtyfive | 1.078876 .0473343 22.79 0.000 .9861023 1.17165

 1.sixtyfivedq | -.1118431 .074955 -1.49 0.136 -.2587521 .035066

 1.disableddq | -.1383995 .1279683 -1.08 0.279 -.3892128 .1124137

 nbiparroq | 1.724709 .0792461 21.76 0.000 1.56939 1.880029

 lhhpersons | .1012233 .0347918 2.91 0.004 .0330325 .169414

 lhhconsump | -.2745653 .0456678 -6.01 0.000 -.3640725 -.1850581

 1.j\_sch4up | -.1024122 .0279518 -3.66 0.000 -.1571967 -.0476277

 1.cellphone | -.082568 .0294435 -2.80 0.005 -.1402761 -.0248599

 1.internet | -.5534858 .0546793 -10.12 0.000 -.6606552 -.4463164

 1.indigonly | .171541 .1312911 1.31 0.191 -.0857848 .4288667

1.barelypoor40 | -.1538709 .0412022 -3.73 0.000 -.2346257 -.073116

 1.spentondocs | .0459301 .0346973 1.32 0.186 -.0220754 .1139355

 1.densidad10 | -.3124111 .0453833 -6.88 0.000 -.4013608 -.2234615

 birthatt | .1457893 .075431 1.93 0.053 -.0020527 .2936313

 1.j\_pob | .1767112 .0262685 6.73 0.000 .1252259 .2281965

 satisgovt | .0385772 .0055493 6.95 0.000 .0277008 .0494536

 \_cons | -.877506 .2254509 -3.89 0.000 -1.319382 -.4356304

--------------------------------------------------------------------------------

. margins i.j\_pob

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 j\_pob |

 0 | .6209069 .0059054 105.14 0.000 .6093326 .6324813

 1 | .6751768 .0054835 123.13 0.000 .6644294 .6859242

------------------------------------------------------------------------------

. probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad10 birthatt i.j\_muypob satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6173.6359

Iteration 2: log likelihood = -6156.6994

Iteration 3: log likelihood = -6156.6463

Iteration 4: log likelihood = -6156.6463

Probit regression Number of obs = 11,449

 LR chi2(18) = 2506.80

 Prob > chi2 = 0.0000

Log likelihood = -6156.6463 Pseudo R2 = 0.1691

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6679357 .0370692 18.02 0.000 .5952815 .7405899

 1.disabled | .7430106 .0675545 11.00 0.000 .6106063 .875415

 1.sixtyfive | 1.068517 .047255 22.61 0.000 .9758988 1.161135

 1.sixtyfivedq | -.0981448 .0748576 -1.31 0.190 -.244863 .0485734

 1.disableddq | -.1265829 .1275736 -0.99 0.321 -.3766225 .1234567

 nbiparroq | 1.763049 .078964 22.33 0.000 1.608283 1.917816

 lhhpersons | .1083945 .0350648 3.09 0.002 .0396688 .1771203

 lhhconsump | -.2646944 .0461422 -5.74 0.000 -.3551315 -.1742573

 1.j\_sch4up | -.1017946 .0279248 -3.65 0.000 -.1565262 -.047063

 1.cellphone | -.0865481 .0293927 -2.94 0.003 -.1441567 -.0289396

 1.internet | -.5621242 .0545598 -10.30 0.000 -.6690594 -.4551889

 1.indigonly | .1536301 .131483 1.17 0.243 -.1040717 .411332

1.barelypoor40 | -.1596034 .0411259 -3.88 0.000 -.2402086 -.0789982

 1.spentondocs | .0434853 .034641 1.26 0.209 -.0244098 .1113804

 1.densidad10 | -.3122136 .0453413 -6.89 0.000 -.4010809 -.2233464

 birthatt | .1567876 .0752858 2.08 0.037 .0092301 .304345

 1.j\_muypob | .1125237 .0444451 2.53 0.011 .0254129 .1996345

 satisgovt | .0390216 .0055478 7.03 0.000 .0281482 .049895

 \_cons | -.8858486 .2286651 -3.87 0.000 -1.334024 -.4376733

--------------------------------------------------------------------------------

. margins i.j\_muypob

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 j\_muypob |

 0 | .6456214 .0042515 151.86 0.000 .6372886 .6539542

 1 | .6796007 .0124462 54.60 0.000 .6552065 .7039948

------------------------------------------------------------------------------

. summarize satisgovt

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 satisgovt | 11,449 6.698751 2.339278 1 10

. display 6.698227-2.339278

4.358949

. display 6.698227+2.339178

9.037405

. margins , at(satisgovt=(0(.2)10)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : satisgovt = 0

2.\_at : satisgovt = .2

3.\_at : satisgovt = .4

4.\_at : satisgovt = .6

5.\_at : satisgovt = .8

6.\_at : satisgovt = 1

7.\_at : satisgovt = 1.2

8.\_at : satisgovt = 1.4

9.\_at : satisgovt = 1.6

10.\_at : satisgovt = 1.8

11.\_at : satisgovt = 2

12.\_at : satisgovt = 2.2

13.\_at : satisgovt = 2.4

14.\_at : satisgovt = 2.6

15.\_at : satisgovt = 2.8

16.\_at : satisgovt = 3

17.\_at : satisgovt = 3.2

18.\_at : satisgovt = 3.4

19.\_at : satisgovt = 3.6

20.\_at : satisgovt = 3.8

21.\_at : satisgovt = 4

22.\_at : satisgovt = 4.2

23.\_at : satisgovt = 4.4

24.\_at : satisgovt = 4.6

25.\_at : satisgovt = 4.8

26.\_at : satisgovt = 5

27.\_at : satisgovt = 5.2

28.\_at : satisgovt = 5.4

29.\_at : satisgovt = 5.6

30.\_at : satisgovt = 5.8

31.\_at : satisgovt = 6

32.\_at : satisgovt = 6.2

33.\_at : satisgovt = 6.4

34.\_at : satisgovt = 6.6

35.\_at : satisgovt = 6.8

36.\_at : satisgovt = 7

37.\_at : satisgovt = 7.2

38.\_at : satisgovt = 7.4

39.\_at : satisgovt = 7.6

40.\_at : satisgovt = 7.8

41.\_at : satisgovt = 8

42.\_at : satisgovt = 8.2

43.\_at : satisgovt = 8.4

44.\_at : satisgovt = 8.6

45.\_at : satisgovt = 8.8

46.\_at : satisgovt = 9

47.\_at : satisgovt = 9.2

48.\_at : satisgovt = 9.4

49.\_at : satisgovt = 9.6

50.\_at : satisgovt = 9.8

51.\_at : satisgovt = 10

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .5665048 .0127356 44.48 0.000 .5415435 .5914662

 2 | .5690468 .0123822 45.96 0.000 .5447782 .5933154

 3 | .5715859 .0120302 47.51 0.000 .5480072 .5951646

 4 | .5741222 .0116798 49.16 0.000 .5512301 .5970142

 5 | .5766554 .0113313 50.89 0.000 .5544465 .5988642

 6 | .5791854 .0109846 52.73 0.000 .5576559 .6007149

 7 | .5817123 .0106402 54.67 0.000 .5608579 .6025666

 8 | .5842358 .0102981 56.73 0.000 .564052 .6044196

 9 | .5867558 .0099585 58.92 0.000 .5672375 .6062741

 10 | .5892723 .0096218 61.24 0.000 .570414 .6081306

 11 | .5917852 .0092881 63.71 0.000 .5735808 .6099895

 12 | .5942943 .0089578 66.34 0.000 .5767373 .6118513

 13 | .5967995 .0086313 69.14 0.000 .5798825 .6137165

 14 | .5993008 .0083088 72.13 0.000 .5830159 .6155858

 15 | .6017981 .0079909 75.31 0.000 .5861363 .6174599

 16 | .6042912 .0076779 78.71 0.000 .5892428 .6193396

 17 | .60678 .0073705 82.33 0.000 .5923342 .6212259

 18 | .6092645 .0070692 86.19 0.000 .5954092 .6231198

 19 | .6117446 .0067747 90.30 0.000 .5984664 .6250227

 20 | .6142201 .0064878 94.67 0.000 .6015042 .626936

 21 | .6166909 .0062095 99.31 0.000 .6045206 .6288613

 22 | .6191571 .0059407 104.22 0.000 .6075135 .6308006

 23 | .6216184 .0056826 109.39 0.000 .6104806 .6327561

 24 | .6240747 .0054366 114.79 0.000 .6134193 .6347302

 25 | .6265261 .005204 120.39 0.000 .6163264 .6367257

 26 | .6289723 .0049866 126.13 0.000 .6191988 .6387458

 27 | .6314133 .0047861 131.93 0.000 .6220327 .6407938

 28 | .633849 .0046044 137.66 0.000 .6248245 .6428735

 29 | .6362793 .0044436 143.19 0.000 .62757 .6449886

 30 | .6387041 .0043056 148.34 0.000 .6302652 .647143

 31 | .6411233 .0041924 152.93 0.000 .6329064 .6493403

 32 | .6435369 .0041055 156.75 0.000 .6354902 .6515836

 33 | .6459447 .0040464 159.63 0.000 .6380139 .6538755

 34 | .6483467 .0040158 161.45 0.000 .6404759 .6562175

 35 | .6507427 .0040139 162.12 0.000 .6428756 .6586099

 36 | .6531328 .0040404 161.65 0.000 .6452137 .6610518

 37 | .6555167 .0040943 160.11 0.000 .647492 .6635413

 38 | .6578944 .004174 157.62 0.000 .6497134 .6660754

 39 | .6602658 .0042778 154.35 0.000 .6518815 .6686502

 40 | .6626309 .0044035 150.48 0.000 .6540003 .6712616

 41 | .6649896 .0045488 146.19 0.000 .6560741 .673905

 42 | .6673417 .0047115 141.64 0.000 .6581074 .676576

 43 | .6696872 .0048894 136.97 0.000 .660104 .6792703

 44 | .672026 .0050807 132.27 0.000 .662068 .681984

 45 | .674358 .0052834 127.64 0.000 .6640028 .6847133

 46 | .6766832 .0054959 123.13 0.000 .6659115 .6874549

 47 | .6790015 .0057167 118.78 0.000 .667797 .690206

 48 | .6813128 .0059445 114.61 0.000 .6696617 .6929639

 49 | .683617 .0061783 110.65 0.000 .6715077 .6957263

 50 | .685914 .0064171 106.89 0.000 .6733368 .6984912

 51 | .6882038 .0066598 103.34 0.000 .6751507 .7012569

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. \*\*\*Sensitivity Check 1: The probit below is identical to the first one but with a different DV. In the first probit the DV is takeup of the BDH in O

> ctober 2013 (the month before the ECV was fielded); the one below is takeup of the BDH at the time of survey. In the one below we have to control fo

> r month because a huge purge of the Registro Social was taking place exactly when the ECV was in the field.

. tab period, gen(month)

 PERIODO | Freq. Percent Cum.

----------------+-----------------------------------

 Abril 2014 | 991 8.66 8.66

 Agosto 2014 | 1,043 9.11 17.77

 Diciembre 2013 | 844 7.37 25.14

 Enero 2014 | 1,057 9.23 34.37

 Febrero 2014 | 823 7.19 41.56

 Julio 2014 | 1,028 8.98 50.54

 Junio 2014 | 1,047 9.14 59.68

 Marzo 2014 | 926 8.09 67.77

 Mayo 2014 | 898 7.84 75.61

 Noviembre 2013 | 806 7.04 82.65

 Octubre 2014 | 1,062 9.28 91.93

Septiembre 2014 | 924 8.07 100.00

----------------+-----------------------------------

 Total | 11,449 100.00

. probit bdhecv6r i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt month\*

note: month12 omitted because of collinearity

Iteration 0: log likelihood = -7754.0222

Iteration 1: log likelihood = -6210.068

Iteration 2: log likelihood = -6198.0361

Iteration 3: log likelihood = -6198.0306

Iteration 4: log likelihood = -6198.0306

Probit regression Number of obs = 11,449

 LR chi2(29) = 3111.98

 Prob > chi2 = 0.0000

Log likelihood = -6198.0306 Pseudo R2 = 0.2007

--------------------------------------------------------------------------------

 bdhecv6r | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6062858 .0377014 16.08 0.000 .5323924 .6801792

 1.disabled | .7404545 .064723 11.44 0.000 .6135997 .8673094

 1.sixtyfive | 1.203552 .0467275 25.76 0.000 1.111967 1.295136

 1.sixtyfivedq | -.0971036 .0736875 -1.32 0.188 -.2415284 .0473212

 1.disableddq | -.1553583 .1199644 -1.30 0.195 -.3904842 .0797676

 nbiparroq | 1.626845 .0804154 20.23 0.000 1.469234 1.784456

 lhhpersons | .0824182 .0348351 2.37 0.018 .0141428 .1506937

 lhhconsump | -.359177 .045229 -7.94 0.000 -.4478243 -.2705297

 1.j\_sch4up | -.1103156 .0278018 -3.97 0.000 -.164806 -.0558251

 1.cellphone | -.1098895 .0291775 -3.77 0.000 -.1670764 -.0527026

 1.internet | -.5935661 .0578176 -10.27 0.000 -.7068864 -.4802457

 1.indigonly | .083615 .1297047 0.64 0.519 -.1706016 .3378317

1.barelypoor40 | -.128774 .0419042 -3.07 0.002 -.2109047 -.0466432

 1.spentondocs | .0231028 .0346056 0.67 0.504 -.0447229 .0909285

 1.densidad10 | -.2784565 .0453705 -6.14 0.000 -.367381 -.1895319

 birthatt | -.1232118 .0749985 -1.64 0.100 -.2702062 .0237827

 1.nofeelpoor | -.6668 .1044914 -6.38 0.000 -.8715995 -.4620006

 satisgovt | .0478117 .0055683 8.59 0.000 .0368981 .0587254

 month1 | .383697 .0635526 6.04 0.000 .2591363 .5082578

 month2 | .1467269 .0621252 2.36 0.018 .0249637 .2684901

 month3 | .386927 .0658003 5.88 0.000 .2579608 .5158932

 month4 | .6374706 .0634805 10.04 0.000 .5130512 .76189

 month5 | .5962159 .0673294 8.86 0.000 .4642526 .7281792

 month6 | .1746668 .0626463 2.79 0.005 .0518824 .2974513

 month7 | .3793132 .0629859 6.02 0.000 .2558632 .5027632

 month8 | .5210964 .0653087 7.98 0.000 .3930937 .6490991

 month9 | .3395318 .0655833 5.18 0.000 .2109908 .4680728

 month10 | .5419633 .0673913 8.04 0.000 .4098787 .6740479

 month11 | -.1474913 .0621514 -2.37 0.018 -.2693059 -.0256768

 month12 | 0 (omitted)

 \_cons | -.6209467 .2280424 -2.72 0.006 -1.067902 -.1739919

--------------------------------------------------------------------------------

. \*\*\*Sensitivity Check 2: Use logit rather than probit regression

. logit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.j\_sch4up i.cellphone i.internet i.indigo

> nly i.barelypoor40 i.densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6163.6273

Iteration 2: log likelihood = -6114.8107

Iteration 3: log likelihood = -6114.5966

Iteration 4: log likelihood = -6114.5966

Logistic regression Number of obs = 11,449

 LR chi2(18) = 2590.90

 Prob > chi2 = 0.0000

Log likelihood = -6114.5966 Pseudo R2 = 0.1748

--------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | 1.141168 .0629042 18.14 0.000 1.017878 1.264458

 1.sixtyfive | 1.934883 .0880555 21.97 0.000 1.762297 2.107468

 1.disabled | 1.385272 .1280499 10.82 0.000 1.134299 1.636245

 1.sixtyfivedq | -.2099487 .137366 -1.53 0.126 -.4791812 .0592838

 1.disableddq | -.2633493 .2370757 -1.11 0.267 -.7280092 .2013105

 lhhpersons | .1955042 .0595595 3.28 0.001 .0787697 .3122386

 nbiparroq | 2.939047 .1345973 21.84 0.000 2.675241 3.202853

 lhhconsump | -.5026033 .079472 -6.32 0.000 -.6583655 -.346841

 1.j\_sch4up | -.1634718 .0473481 -3.45 0.001 -.2562724 -.0706712

 1.cellphone | -.1364704 .0498955 -2.74 0.006 -.2342637 -.038677

 1.internet | -.9112314 .0917518 -9.93 0.000 -1.091062 -.7314013

 1.indigonly | .2957117 .2350066 1.26 0.208 -.1648928 .7563163

1.barelypoor40 | -.2435935 .0692909 -3.52 0.000 -.3794012 -.1077857

 1.densidad10 | -.5126607 .076844 -6.67 0.000 -.6632723 -.3620492

 1.spentondocs | .0812439 .0586539 1.39 0.166 -.0337156 .1962034

 birthatt | .2476951 .1287545 1.92 0.054 -.0046591 .5000493

 1.nofeelpoor | -1.177375 .1688745 -6.97 0.000 -1.508363 -.8463873

 satisgovt | .0645986 .0093536 6.91 0.000 .0462659 .0829313

 \_cons | -1.237749 .3904136 -3.17 0.002 -2.002946 -.4725524

--------------------------------------------------------------------------------

. margins i.school

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 school |

 0 | .4905585 .0097482 50.32 0.000 .4714525 .5096646

 1 | .7046601 .0046459 151.67 0.000 .6955544 .7137658

------------------------------------------------------------------------------

. margins i.sixtyfive

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 sixtyfive |

 0 | .5840804 .0052052 112.21 0.000 .5738785 .5942824

 1 | .8774549 .0070665 124.17 0.000 .8636048 .891305

------------------------------------------------------------------------------

. margins i.disabled

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 disabled |

 0 | .6352305 .0042924 147.99 0.000 .6268175 .6436434

 1 | .8438985 .0136665 61.75 0.000 .8171126 .8706843

------------------------------------------------------------------------------

. margins i.sixtyfivedq

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 sixtyfivedq |

 0 | .6516994 .0040425 161.21 0.000 .6437764 .6596225

 1 | .6134084 .0248385 24.70 0.000 .5647257 .662091

------------------------------------------------------------------------------

. margins i.disableddq

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 disableddq |

 0 | .6509002 .0039845 163.36 0.000 .6430907 .6587097

 1 | .6025133 .0441255 13.65 0.000 .5160288 .6889977

------------------------------------------------------------------------------

. summarize lhhpersons

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 lhhpersons | 11,449 1.43975 .5088957 0 2.995732

. display 1.43975-.5088957

.9308543

. display 1.43975+.5088957

1.9486457

. margins , at(lhhpersons=(0.00(.50)3.00)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : lhhpersons = 0

2.\_at : lhhpersons = .5

3.\_at : lhhpersons = 1

4.\_at : lhhpersons = 1.5

5.\_at : lhhpersons = 2

6.\_at : lhhpersons = 2.5

7.\_at : lhhpersons = 3

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .5983154 .0167933 35.63 0.000 .5654012 .6312296

 2 | .6166967 .0112395 54.87 0.000 .5946677 .6387257

 3 | .6347904 .0062791 101.10 0.000 .6224836 .6470972

 4 | .6525551 .0040257 162.10 0.000 .6446648 .6604454

 5 | .6699522 .0070754 94.69 0.000 .6560847 .6838197

 6 | .6869464 .0115429 59.51 0.000 .6643228 .70957

 7 | .7035057 .0160375 43.87 0.000 .6720728 .7349385

------------------------------------------------------------------------------

. summarize nbiparroq

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 nbiparroq | 11,449 .7672897 .2037956 .223 1

. display .7672897-.2037956

.5634941

. display .7672671+.2037956

.9710627

. margins , at(nbiparroq=(0.22(.05)1.00)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : nbiparroq = .22

2.\_at : nbiparroq = .27

3.\_at : nbiparroq = .32

4.\_at : nbiparroq = .37

5.\_at : nbiparroq = .42

6.\_at : nbiparroq = .47

7.\_at : nbiparroq = .52

8.\_at : nbiparroq = .57

9.\_at : nbiparroq = .62

10.\_at : nbiparroq = .67

11.\_at : nbiparroq = .72

12.\_at : nbiparroq = .77

13.\_at : nbiparroq = .82

14.\_at : nbiparroq = .87

15.\_at : nbiparroq = .92

16.\_at : nbiparroq = .97

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .3355636 .0136868 24.52 0.000 .3087379 .3623893

 2 | .3628649 .0130037 27.90 0.000 .3373781 .3883517

 3 | .3911114 .0121858 32.10 0.000 .3672277 .4149951

 4 | .4201486 .0112482 37.35 0.000 .3981026 .4421947

 5 | .4498004 .0102131 44.04 0.000 .4297831 .4698177

 6 | .4798727 .0091107 52.67 0.000 .4620161 .4977292

 7 | .5101589 .00798 63.93 0.000 .4945184 .5257995

 8 | .5404459 .0068716 78.65 0.000 .5269778 .553914

 9 | .5705197 .005851 97.51 0.000 .559052 .5819874

 10 | .6001723 .0050025 119.97 0.000 .5903676 .609977

 11 | .629207 .0044241 142.22 0.000 .6205359 .6378781

 12 | .6574433 .0041917 156.84 0.000 .6492277 .6656589

 13 | .6847209 .0042992 159.27 0.000 .6762947 .6931472

 14 | .7109021 .0046505 152.87 0.000 .7017873 .7200169

 15 | .7358734 .0051238 143.62 0.000 .725831 .7459158

 16 | .7595464 .0056233 135.07 0.000 .7485248 .7705679

------------------------------------------------------------------------------

. summarize lhhconsump

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 lhhconsump | 11,449 4.19979 .3750833 1.964311 4.665513

. display 4.19979-.3750833

3.8247067

. display 4.19979+.3750833

4.5748733

. margins , at(lhhconsump=(1.9(.1)4.5)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : lhhconsump = 1.9

2.\_at : lhhconsump = 2

3.\_at : lhhconsump = 2.1

4.\_at : lhhconsump = 2.2

5.\_at : lhhconsump = 2.3

6.\_at : lhhconsump = 2.4

7.\_at : lhhconsump = 2.5

8.\_at : lhhconsump = 2.6

9.\_at : lhhconsump = 2.7

10.\_at : lhhconsump = 2.8

11.\_at : lhhconsump = 2.9

12.\_at : lhhconsump = 3

13.\_at : lhhconsump = 3.1

14.\_at : lhhconsump = 3.2

15.\_at : lhhconsump = 3.3

16.\_at : lhhconsump = 3.4

17.\_at : lhhconsump = 3.5

18.\_at : lhhconsump = 3.6

19.\_at : lhhconsump = 3.7

20.\_at : lhhconsump = 3.8

21.\_at : lhhconsump = 3.9

22.\_at : lhhconsump = 4

23.\_at : lhhconsump = 4.1

24.\_at : lhhconsump = 4.2

25.\_at : lhhconsump = 4.3

26.\_at : lhhconsump = 4.4

27.\_at : lhhconsump = 4.5

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .8290713 .0225232 36.81 0.000 .7849267 .8732159

 2 | .8230006 .0221168 37.21 0.000 .7796523 .8663488

 3 | .8167772 .021664 37.70 0.000 .7743166 .8592378

 4 | .8104009 .0211639 38.29 0.000 .7689205 .8518813

 5 | .8038717 .0206159 38.99 0.000 .7634653 .8442781

 6 | .7971896 .0200197 39.82 0.000 .7579518 .8364274

 7 | .7903551 .0193749 40.79 0.000 .7523809 .8283292

 8 | .7833687 .0186816 41.93 0.000 .7467534 .8199839

 9 | .7762313 .0179398 43.27 0.000 .7410699 .8113928

 10 | .7689441 .0171501 44.84 0.000 .7353305 .8025577

 11 | .7615083 .016313 46.68 0.000 .7295354 .7934813

 12 | .7539257 .0154297 48.86 0.000 .723684 .7841674

 13 | .7461981 .0145017 51.46 0.000 .7177752 .7746209

 14 | .7383276 .013531 54.57 0.000 .7118072 .7648479

 15 | .7303167 .0125206 58.33 0.000 .7057767 .7548566

 16 | .722168 .0114744 62.94 0.000 .6996786 .7446574

 17 | .7138846 .010398 68.66 0.000 .6935048 .7342644

 18 | .7054698 .0092999 75.86 0.000 .6872423 .7236972

 19 | .6969269 .0081927 85.07 0.000 .6808695 .7129843

 20 | .6882599 .0070971 96.98 0.000 .6743499 .70217

 21 | .6794729 .0060484 112.34 0.000 .6676183 .6913274

 22 | .6705701 .0051092 131.25 0.000 .6605562 .680584

 23 | .6615562 .004389 150.73 0.000 .6529538 .6701585

 24 | .652436 .0040468 161.22 0.000 .6445045 .6603676

 25 | .6432147 .0042118 152.72 0.000 .6349597 .6514697

 26 | .6338976 .0048606 130.41 0.000 .624371 .6434243

 27 | .6244905 .005855 106.66 0.000 .6130148 .6359661

------------------------------------------------------------------------------

. margins i.j\_sch4up

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 j\_sch4up |

 0 | .6685038 .0065123 102.65 0.000 .6557399 .6812677

 1 | .6392 .0051606 123.86 0.000 .6290853 .6493146

------------------------------------------------------------------------------

. margins i.cellphone

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 cellphone |

 0 | .6655167 .0067652 98.37 0.000 .6522571 .6787763

 1 | .6410021 .0052857 121.27 0.000 .6306423 .6513618

------------------------------------------------------------------------------

. margins i.internet

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 internet |

 0 | .6614674 .0041221 160.47 0.000 .6533883 .6695466

 1 | .4857107 .0177015 27.44 0.000 .4510163 .5204051

------------------------------------------------------------------------------

. margins i.indigonly

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 indigonly |

 0 | .649844 .0039836 163.13 0.000 .6420364 .6576516

 1 | .701172 .0390573 17.95 0.000 .6246211 .777723

------------------------------------------------------------------------------

. margins i.barelypoor40

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

barelypoor40 |

 0 | .6570873 .0043921 149.61 0.000 .6484788 .6656957

 1 | .6123449 .0118153 51.83 0.000 .5891875 .6355024

------------------------------------------------------------------------------

. margins i.densidad10

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 densidad10 |

 0 | .6615212 .0042319 156.32 0.000 .6532268 .6698155

 1 | .5671216 .0133009 42.64 0.000 .5410522 .593191

------------------------------------------------------------------------------

. margins i.spentondocs

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 spentondocs |

 0 | .6477635 .0043879 147.62 0.000 .6391633 .6563637

 1 | .662263 .0093856 70.56 0.000 .6438676 .6806583

------------------------------------------------------------------------------

. summarize birthatt

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 birthatt | 11,449 .8218015 .2363712 0 1

. display .8218015-.2363712

.5854303

. display .8218015+.2363712

1.0581727

. margins , at(birthatt=(0.00(.05)1.00)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : birthatt = 0

2.\_at : birthatt = .05

3.\_at : birthatt = .1

4.\_at : birthatt = .15

5.\_at : birthatt = .2

6.\_at : birthatt = .25

7.\_at : birthatt = .3

8.\_at : birthatt = .35

9.\_at : birthatt = .4

10.\_at : birthatt = .45

11.\_at : birthatt = .5

12.\_at : birthatt = .55

13.\_at : birthatt = .6

14.\_at : birthatt = .65

15.\_at : birthatt = .7

16.\_at : birthatt = .75

17.\_at : birthatt = .8

18.\_at : birthatt = .85

19.\_at : birthatt = .9

20.\_at : birthatt = .95

21.\_at : birthatt = 1

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .6126338 .0202437 30.26 0.000 .5729569 .6523106

 2 | .6149279 .0190461 32.29 0.000 .5775983 .6522576

 3 | .6172176 .0178558 34.57 0.000 .5822209 .6522143

 4 | .6195026 .0166735 37.15 0.000 .5868231 .6521822

 5 | .621783 .0155004 40.11 0.000 .5914028 .6521632

 6 | .6240586 .0143376 43.53 0.000 .5959574 .6521598

 7 | .6263293 .0131868 47.50 0.000 .6004836 .652175

 8 | .6285951 .0120503 52.16 0.000 .604977 .6522133

 9 | .6308559 .010931 57.71 0.000 .6094315 .6522803

 10 | .6331116 .0098333 64.38 0.000 .6138387 .6523844

 11 | .6353621 .0087633 72.50 0.000 .6181864 .6525377

 12 | .6376073 .0077303 82.48 0.000 .6224562 .6527585

 13 | .6398473 .0067488 94.81 0.000 .6266198 .6530747

 14 | .6420818 .0058418 109.91 0.000 .6306322 .6535314

 15 | .6443108 .0050457 127.70 0.000 .6344215 .6542002

 16 | .6465343 .0044166 146.39 0.000 .6378779 .6551908

 17 | .6487522 .0040287 161.03 0.000 .640856 .6566484

 18 | .6509643 .0039486 164.86 0.000 .6432252 .6587035

 19 | .6531707 .0041891 155.92 0.000 .6449603 .6613811

 20 | .6553713 .0046968 139.54 0.000 .6461657 .6645768

 21 | .6575659 .0053929 121.93 0.000 .6469959 .6681358

------------------------------------------------------------------------------

. margins i.nofeelpoor

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 nofeelpoor |

 0 | .6543494 .0040021 163.50 0.000 .6465055 .6621934

 1 | .4284164 .0321468 13.33 0.000 .3654097 .491423

------------------------------------------------------------------------------

. summarize satisgovt

 Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

 satisgovt | 11,449 6.698751 2.339278 1 10

. display 6.698227-2.339278

4.358949

. display 6.698227+2.339178

9.037405

. margins , at(satisgovt=(0(.2)10)) vsquish

Predictive margins Number of obs = 11,449

Model VCE : OIM

Expression : Pr(bdhoct13), predict()

1.\_at : satisgovt = 0

2.\_at : satisgovt = .2

3.\_at : satisgovt = .4

4.\_at : satisgovt = .6

5.\_at : satisgovt = .8

6.\_at : satisgovt = 1

7.\_at : satisgovt = 1.2

8.\_at : satisgovt = 1.4

9.\_at : satisgovt = 1.6

10.\_at : satisgovt = 1.8

11.\_at : satisgovt = 2

12.\_at : satisgovt = 2.2

13.\_at : satisgovt = 2.4

14.\_at : satisgovt = 2.6

15.\_at : satisgovt = 2.8

16.\_at : satisgovt = 3

17.\_at : satisgovt = 3.2

18.\_at : satisgovt = 3.4

19.\_at : satisgovt = 3.6

20.\_at : satisgovt = 3.8

21.\_at : satisgovt = 4

22.\_at : satisgovt = 4.2

23.\_at : satisgovt = 4.4

24.\_at : satisgovt = 4.6

25.\_at : satisgovt = 4.8

26.\_at : satisgovt = 5

27.\_at : satisgovt = 5.2

28.\_at : satisgovt = 5.4

29.\_at : satisgovt = 5.6

30.\_at : satisgovt = 5.8

31.\_at : satisgovt = 6

32.\_at : satisgovt = 6.2

33.\_at : satisgovt = 6.4

34.\_at : satisgovt = 6.6

35.\_at : satisgovt = 6.8

36.\_at : satisgovt = 7

37.\_at : satisgovt = 7.2

38.\_at : satisgovt = 7.4

39.\_at : satisgovt = 7.6

40.\_at : satisgovt = 7.8

41.\_at : satisgovt = 8

42.\_at : satisgovt = 8.2

43.\_at : satisgovt = 8.4

44.\_at : satisgovt = 8.6

45.\_at : satisgovt = 8.8

46.\_at : satisgovt = 9

47.\_at : satisgovt = 9.2

48.\_at : satisgovt = 9.4

49.\_at : satisgovt = 9.6

50.\_at : satisgovt = 9.8

51.\_at : satisgovt = 10

------------------------------------------------------------------------------

 | Delta-method

 | Margin Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

 \_at |

 1 | .5698751 .0126572 45.02 0.000 .5450673 .5946828

 2 | .5723613 .0123033 46.52 0.000 .5482474 .5964753

 3 | .5748444 .0119509 48.10 0.000 .5514211 .5982678

 4 | .5773242 .0116002 49.77 0.000 .5545881 .6000603

 5 | .5798005 .0112515 51.53 0.000 .557748 .601853

 6 | .5822733 .0109048 53.40 0.000 .5609004 .6036463

 7 | .5847425 .0105603 55.37 0.000 .5640447 .6054403

 8 | .5872079 .0102183 57.47 0.000 .5671804 .6072354

 9 | .5896695 .009879 59.69 0.000 .5703071 .6090319

 10 | .5921271 .0095426 62.05 0.000 .573424 .6108302

 11 | .5945807 .0092094 64.56 0.000 .5765306 .6126307

 12 | .59703 .0088797 67.24 0.000 .5796261 .6144339

 13 | .5994751 .0085539 70.08 0.000 .5827099 .6162404

 14 | .6019158 .0082322 73.12 0.000 .5857809 .6180507

 15 | .6043521 .0079153 76.35 0.000 .5888385 .6198657

 16 | .6067837 .0076034 79.80 0.000 .5918813 .6216861

 17 | .6092107 .0072972 83.49 0.000 .5949085 .6235129

 18 | .6116329 .0069972 87.41 0.000 .5979185 .6253472

 19 | .6140502 .0067043 91.59 0.000 .60091 .6271903

 20 | .6164625 .006419 96.04 0.000 .6038814 .6290436

 21 | .6188697 .0061425 100.75 0.000 .6068307 .6309087

 22 | .6212717 .0058756 105.74 0.000 .6097558 .6327877

 23 | .6236685 .0056195 110.98 0.000 .6126544 .6346826

 24 | .6260599 .0053756 116.46 0.000 .6155239 .6365959

 25 | .6284458 .0051453 122.14 0.000 .6183612 .6385304

 26 | .6308262 .0049302 127.95 0.000 .6211631 .6404893

 27 | .6332009 .0047322 133.81 0.000 .623926 .6424758

 28 | .6355699 .004553 139.59 0.000 .6266462 .6444936

 29 | .637933 .0043947 145.16 0.000 .6293196 .6465464

 30 | .6402902 .0042591 150.33 0.000 .6319425 .6486379

 31 | .6426414 .0041482 154.92 0.000 .634511 .6507718

 32 | .6449865 .0040636 158.72 0.000 .637022 .6529509

 33 | .6473254 .0040064 161.57 0.000 .639473 .6551777

 34 | .649658 .0039774 163.34 0.000 .6418625 .6574534

 35 | .6519842 .0039767 163.95 0.000 .64419 .6597784

 36 | .654304 .004004 163.41 0.000 .6464564 .6621516

 37 | .6566173 .0040581 161.80 0.000 .6486635 .664571

 38 | .6589239 .0041376 159.25 0.000 .6508144 .6670334

 39 | .6612238 .0042405 155.93 0.000 .6529126 .6695351

 40 | .663517 .0043648 152.02 0.000 .6549622 .6720718

 41 | .6658033 .0045082 147.69 0.000 .6569675 .6746391

 42 | .6680827 .0046685 143.11 0.000 .6589326 .6772327

 43 | .670355 .0048436 138.40 0.000 .6608618 .6798482

 44 | .6726203 .0050315 133.68 0.000 .6627587 .6824819

 45 | .6748784 .0052305 129.03 0.000 .6646268 .68513

 46 | .6771292 .0054389 124.50 0.000 .6664691 .6877893

 47 | .6793727 .0056553 120.13 0.000 .6682885 .690457

 48 | .6816089 .0058785 115.95 0.000 .6700872 .6931306

 49 | .6838376 .0061073 111.97 0.000 .6718675 .6958077

 50 | .6860587 .0063408 108.20 0.000 .6736311 .6984864

 51 | .6882723 .0065781 104.63 0.000 .6753795 .7011651

------------------------------------------------------------------------------

. \*\*\*Sensitivity Check 3a: Exclude information cost and information resource variables

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.densidad10 i.spentondocs birthatt i.nof

> eelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6227.3838

Iteration 2: log likelihood = -6210.8381

Iteration 3: log likelihood = -6210.7843

Iteration 4: log likelihood = -6210.7843

Probit regression Number of obs = 11,449

 LR chi2(13) = 2398.52

 Prob > chi2 = 0.0000

Log likelihood = -6210.7843 Pseudo R2 = 0.1618

-------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

--------------+----------------------------------------------------------------

 1.school | .6410598 .0367104 17.46 0.000 .5691088 .7130108

 1.sixtyfive | 1.15746 .0459895 25.17 0.000 1.067322 1.247598

 1.disabled | .7596082 .067279 11.29 0.000 .6277437 .8914727

1.sixtyfivedq | -.1146528 .0745375 -1.54 0.124 -.2607436 .0314379

 1.disableddq | -.1332347 .1268558 -1.05 0.294 -.3818674 .1153981

 lhhpersons | .0914579 .0343446 2.66 0.008 .0241437 .1587721

 nbiparroq | 1.809064 .0784718 23.05 0.000 1.655262 1.962865

 lhhconsump | -.4116906 .0406796 -10.12 0.000 -.4914212 -.3319599

 1.densidad10 | -.3075098 .0446714 -6.88 0.000 -.3950641 -.2199555

1.spentondocs | .0271076 .0344382 0.79 0.431 -.04039 .0946053

 birthatt | .1423158 .074575 1.91 0.056 -.0038485 .2884802

 1.nofeelpoor | -.7424839 .098974 -7.50 0.000 -.9364694 -.5484983

 satisgovt | .0380833 .0055224 6.90 0.000 .0272596 .048907

 \_cons | -.3990399 .2114936 -1.89 0.059 -.8135596 .0154799

-------------------------------------------------------------------------------

. \*\*\*Sensitivity Check 3b: Add information cost and information resource variables one at a time and jointly to see percent change in coefficient of n

> biparroq lhhconsump

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.densidad10 i.spentondocs birthatt i.nof

> eelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6227.3838

Iteration 2: log likelihood = -6210.8381

Iteration 3: log likelihood = -6210.7843

Iteration 4: log likelihood = -6210.7843

Probit regression Number of obs = 11,449

 LR chi2(13) = 2398.52

 Prob > chi2 = 0.0000

Log likelihood = -6210.7843 Pseudo R2 = 0.1618

-------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

--------------+----------------------------------------------------------------

 1.school | .6410598 .0367104 17.46 0.000 .5691088 .7130108

 1.sixtyfive | 1.15746 .0459895 25.17 0.000 1.067322 1.247598

 1.disabled | .7596082 .067279 11.29 0.000 .6277437 .8914727

1.sixtyfivedq | -.1146528 .0745375 -1.54 0.124 -.2607436 .0314379

 1.disableddq | -.1332347 .1268558 -1.05 0.294 -.3818674 .1153981

 lhhpersons | .0914579 .0343446 2.66 0.008 .0241437 .1587721

 nbiparroq | 1.809064 .0784718 23.05 0.000 1.655262 1.962865

 lhhconsump | -.4116906 .0406796 -10.12 0.000 -.4914212 -.3319599

 1.densidad10 | -.3075098 .0446714 -6.88 0.000 -.3950641 -.2199555

1.spentondocs | .0271076 .0344382 0.79 0.431 -.04039 .0946053

 birthatt | .1423158 .074575 1.91 0.056 -.0038485 .2884802

 1.nofeelpoor | -.7424839 .098974 -7.50 0.000 -.9364694 -.5484983

 satisgovt | .0380833 .0055224 6.90 0.000 .0272596 .048907

 \_cons | -.3990399 .2114936 -1.89 0.059 -.8135596 .0154799

-------------------------------------------------------------------------------

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.j\_sch4up i.densidad10 i.spentondocs bir

> thatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6220.5582

Iteration 2: log likelihood = -6203.7008

Iteration 3: log likelihood = -6203.6469

Iteration 4: log likelihood = -6203.6469

Probit regression Number of obs = 11,449

 LR chi2(14) = 2412.79

 Prob > chi2 = 0.0000

Log likelihood = -6203.6469 Pseudo R2 = 0.1628

-------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

--------------+----------------------------------------------------------------

 1.school | .646419 .0367685 17.58 0.000 .574354 .718484

 1.sixtyfive | 1.131933 .0465087 24.34 0.000 1.040777 1.223088

 1.disabled | .7554215 .0673273 11.22 0.000 .6234624 .8873806

1.sixtyfivedq | -.1104225 .0746707 -1.48 0.139 -.2567743 .0359293

 1.disableddq | -.1286729 .1269283 -1.01 0.311 -.3774479 .1201021

 lhhpersons | .0996573 .0344544 2.89 0.004 .032128 .1671867

 nbiparroq | 1.809423 .0785108 23.05 0.000 1.655544 1.963301

 lhhconsump | -.40608 .0407098 -9.98 0.000 -.4858696 -.3262903

 1.j\_sch4up | -.1043789 .0276423 -3.78 0.000 -.1585568 -.0502011

 1.densidad10 | -.2989046 .0447528 -6.68 0.000 -.3866185 -.2111908

1.spentondocs | .0280262 .0344488 0.81 0.416 -.0394923 .0955447

 birthatt | .1545984 .0746859 2.07 0.038 .0082167 .3009802

 1.nofeelpoor | -.7327909 .0990116 -7.40 0.000 -.9268501 -.5387317

 satisgovt | .0385184 .0055275 6.97 0.000 .0276847 .0493522

 \_cons | -.385011 .2116196 -1.82 0.069 -.7997778 .0297557

-------------------------------------------------------------------------------

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.cellphone densidad10 i.spentondocs birt

> hatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6218.4595

Iteration 2: log likelihood = -6201.738

Iteration 3: log likelihood = -6201.684

Iteration 4: log likelihood = -6201.684

Probit regression Number of obs = 11,449

 LR chi2(14) = 2416.72

 Prob > chi2 = 0.0000

Log likelihood = -6201.684 Pseudo R2 = 0.1631

-------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

--------------+----------------------------------------------------------------

 1.school | .6514047 .0368241 17.69 0.000 .5792307 .7235787

 1.sixtyfive | 1.123017 .046696 24.05 0.000 1.031495 1.21454

 1.disabled | .7538746 .0673248 11.20 0.000 .6219204 .8858288

1.sixtyfivedq | -.1151756 .0745394 -1.55 0.122 -.2612702 .030919

 1.disableddq | -.1207019 .1270334 -0.95 0.342 -.3696828 .1282791

 lhhpersons | .1023971 .0344721 2.97 0.003 .0348329 .1699612

 nbiparroq | 1.81082 .078558 23.05 0.000 1.656849 1.964791

 lhhconsump | -.3867765 .0411128 -9.41 0.000 -.467356 -.3061969

 1.cellphone | -.1240028 .0290807 -4.26 0.000 -.1809999 -.0670058

 densidad10 | -.3338827 .0451377 -7.40 0.000 -.4223509 -.2454145

1.spentondocs | .0284935 .0344606 0.83 0.408 -.0390481 .0960351

 birthatt | .1643173 .0747816 2.20 0.028 .017748 .3108867

 1.nofeelpoor | -.7406493 .0991341 -7.47 0.000 -.9349485 -.54635

 satisgovt | .0378765 .0055261 6.85 0.000 .0270454 .0487075

 \_cons | -.4608908 .2121894 -2.17 0.030 -.8767743 -.0450072

-------------------------------------------------------------------------------

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.internet densidad10 i.spentondocs birth

> att i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6171.7882

Iteration 2: log likelihood = -6154.7096

Iteration 3: log likelihood = -6154.6553

Iteration 4: log likelihood = -6154.6553

Probit regression Number of obs = 11,449

 LR chi2(14) = 2510.78

 Prob > chi2 = 0.0000

Log likelihood = -6154.6553 Pseudo R2 = 0.1694

-------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

--------------+----------------------------------------------------------------

 1.school | .651894 .0369364 17.65 0.000 .5794999 .724288

 1.sixtyfive | 1.122737 .0460896 24.36 0.000 1.032403 1.213071

 1.disabled | .7565614 .0674715 11.21 0.000 .6243198 .8888031

1.sixtyfivedq | -.1095798 .0745803 -1.47 0.142 -.2557546 .0365949

 1.disableddq | -.1215659 .1277239 -0.95 0.341 -.3719002 .1287684

 lhhpersons | .084646 .0344708 2.46 0.014 .0170844 .1522076

 nbiparroq | 1.750363 .0789181 22.18 0.000 1.595686 1.90504

 lhhconsump | -.3734182 .0409114 -9.13 0.000 -.4536031 -.2932333

 1.internet | -.5691785 .0544342 -10.46 0.000 -.6758677 -.4624894

 densidad10 | -.2969871 .0448449 -6.62 0.000 -.3848815 -.2090927

1.spentondocs | .043406 .0346265 1.25 0.210 -.0244606 .1112727

 birthatt | .1277772 .074843 1.71 0.088 -.0189123 .2744667

 1.nofeelpoor | -.7102128 .0996043 -7.13 0.000 -.9054336 -.5149919

 satisgovt | .0386017 .0055374 6.97 0.000 .0277485 .0494549

 \_cons | -.4683461 .2121757 -2.21 0.027 -.8842029 -.0524893

-------------------------------------------------------------------------------

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.indigonly densidad10 i.spentondocs birt

> hatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6226.252

Iteration 2: log likelihood = -6209.5113

Iteration 3: log likelihood = -6209.4577

Iteration 4: log likelihood = -6209.4577

Probit regression Number of obs = 11,449

 LR chi2(14) = 2401.17

 Prob > chi2 = 0.0000

Log likelihood = -6209.4577 Pseudo R2 = 0.1620

-------------------------------------------------------------------------------

 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

--------------+----------------------------------------------------------------

 1.school | .6406033 .0367172 17.45 0.000 .5686389 .7125677

 1.sixtyfive | 1.151349 .0461284 24.96 0.000 1.060939 1.241759

 1.disabled | .7595178 .0672863 11.29 0.000 .6276392 .8913964

1.sixtyfivedq | -.1089552 .0746472 -1.46 0.144 -.255261 .0373505

 1.disableddq | -.1320467 .1268606 -1.04 0.298 -.3806889 .1165955

 lhhpersons | .0961923 .0344783 2.79 0.005 .0286161 .1637685

 nbiparroq | 1.809528 .0784686 23.06 0.000 1.655733 1.963324

 lhhconsump | -.4103202 .0406917 -10.08 0.000 -.4900745 -.3305659

 1.indigonly | .2097293 .1304588 1.61 0.108 -.0459653 .465424

 densidad10 | -.3085058 .0446788 -6.90 0.000 -.3960745 -.220937

1.spentondocs | .0274045 .0344381 0.80 0.426 -.0400929 .0949019

 birthatt | .1500505 .0747279 2.01 0.045 .0035864 .2965145

 1.nofeelpoor | -.7414958 .0989957 -7.49 0.000 -.9355238 -.5474677

 satisgovt | .0382535 .0055243 6.92 0.000 .0274262 .0490808

 \_cons | -.4207459 .2119226 -1.99 0.047 -.8361067 -.0053852

-------------------------------------------------------------------------------

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.barelypoor40 densidad10 i.spentondocs b

> irthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6219.9665

Iteration 2: log likelihood = -6203.4461

Iteration 3: log likelihood = -6203.3931

Iteration 4: log likelihood = -6203.3931

Probit regression Number of obs = 11,449

 LR chi2(14) = 2413.30

 Prob > chi2 = 0.0000

Log likelihood = -6203.3931 Pseudo R2 = 0.1628

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 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6415044 .0367366 17.46 0.000 .5695021 .7135068

 1.sixtyfive | 1.159232 .0460272 25.19 0.000 1.069021 1.249444

 1.disabled | .7590623 .0672826 11.28 0.000 .6271907 .8909338

 1.sixtyfivedq | -.1192209 .0745843 -1.60 0.110 -.2654035 .0269617

 1.disableddq | -.1432944 .1268233 -1.13 0.259 -.3918635 .1052747

 lhhpersons | .090563 .0343654 2.64 0.008 .0232081 .157918

 nbiparroq | 1.801355 .0785611 22.93 0.000 1.647378 1.955332

 lhhconsump | -.3363634 .0450134 -7.47 0.000 -.4245881 -.2481388

1.barelypoor40 | -.1573821 .0409272 -3.85 0.000 -.2375979 -.0771664

 densidad10 | -.3021119 .0446899 -6.76 0.000 -.3897026 -.2145212

 1.spentondocs | .0237696 .0344699 0.69 0.490 -.0437901 .0913294

 birthatt | .1279933 .074716 1.71 0.087 -.0184473 .2744339

 1.nofeelpoor | -.7350616 .0990815 -7.42 0.000 -.9292578 -.5408654

 satisgovt | .0383175 .0055264 6.93 0.000 .0274859 .0491492

 \_cons | -.6762945 .2230589 -3.03 0.002 -1.113482 -.2391071

--------------------------------------------------------------------------------

. probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.j\_sch4up i.cellphone i.internet i.indig

> only i.barelypoor40 i.densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

Iteration 0: log likelihood = -7410.0443

Iteration 1: log likelihood = -6152.581

Iteration 2: log likelihood = -6134.8194

Iteration 3: log likelihood = -6134.7648

Iteration 4: log likelihood = -6134.7648

Probit regression Number of obs = 11,449

 LR chi2(18) = 2550.56

 Prob > chi2 = 0.0000

Log likelihood = -6134.7648 Pseudo R2 = 0.1721

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 bdhoct13 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

---------------+----------------------------------------------------------------

 1.school | .6644844 .0371175 17.90 0.000 .5917355 .7372333

 1.sixtyfive | 1.072083 .047308 22.66 0.000 .9793612 1.164805

 1.disabled | .7480866 .0675553 11.07 0.000 .6156807 .8804924

 1.sixtyfivedq | -.1064341 .0748509 -1.42 0.155 -.2531392 .0402711

 1.disableddq | -.1174342 .1278714 -0.92 0.358 -.3680576 .1331892

 lhhpersons | .1031555 .034822 2.96 0.003 .0349056 .1714053

 nbiparroq | 1.746822 .0790958 22.08 0.000 1.591797 1.901847

 lhhconsump | -.2772185 .0456251 -6.08 0.000 -.366642 -.187795

 1.j\_sch4up | -.0992207 .0279591 -3.55 0.000 -.1540195 -.0444219

 1.cellphone | -.0887157 .0294203 -3.02 0.003 -.1463784 -.031053

 1.internet | -.5546017 .0546923 -10.14 0.000 -.6617966 -.4474067

 1.indigonly | .1570365 .1312701 1.20 0.232 -.1002482 .4143212

1.barelypoor40 | -.1528559 .0412041 -3.71 0.000 -.2336145 -.0720973

 1.densidad10 | -.3033022 .0454493 -6.67 0.000 -.3923811 -.2142233

 1.spentondocs | .0418845 .0346814 1.21 0.227 -.0260898 .1098587

 birthatt | .1476549 .0754106 1.96 0.050 -.0001472 .295457

 1.nofeelpoor | -.6936193 .0998517 -6.95 0.000 -.889325 -.4979136

 satisgovt | .0392034 .0055503 7.06 0.000 .0283251 .0500817

 \_cons | -.7830675 .2249551 -3.48 0.000 -1.223971 -.3421636

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. \*\*\*Sensitivity Checks 4-8 are described in the last six paragraphs of Section 4 in the text of the article.

.

end of do-file