log using ecuador1May2017

gen lhhconsump = ln(hhconsump)

gen lhhpersons = ln(hhpersons)

summarize

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt

margins i.school

margins i.sixtyfive

margins i.disabled

margins i.sixtyfivedq

margins i.disableddq

summarize lhhpersons

display 1.43975-.5088957

display 1.43975+.5088957

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

summarize nbiparroq

display .7672897-.2037956

display .7672671+.2037956

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

summarize lhhconsump

display 4.19979-.3750833

display 4.19979+.3750833

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

margins i.j\_sch4up

margins i.cellphone

margins i.internet

margins i.indigonly

margins i.barelypoor40

margins i.spentondocs

\*\*\*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.indigonly i.barelypoor40 i.spentondocs i.densidad05 birthatt i.nofeelpoor satisgovt

margins i.densidad05

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt

margins i.densidad10

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad15 birthatt i.nofeelpoor satisgovt

margins i.densidad15

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad20 birthatt i.nofeelpoor satisgovt

margins i.densidad20

summarize birthatt

display .8218015-.2363712

display .8218015+.2363712

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

margins i.nofeelpoor

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.j\_mmpob satisgovt

margins i.j\_mmpob

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.j\_pob satisgovt

margins i.j\_pob

probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.j\_muypob satisgovt

margins i.j\_muypob

summarize satisgovt

display 6.698227-2.339278

display 6.698227+2.339178

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

\*\*\*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 October 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 for month because a huge purge of the Registro Social was taking place exactly when the ECV was in the field.

tab period, gen(month)

probit bdhecv6r i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt month\*

\*\*\*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.indigonly i.barelypoor40 i.densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

margins i.school

margins i.sixtyfive

margins i.disabled

margins i.sixtyfivedq

margins i.disableddq

summarize lhhpersons

display 1.43975-.5088957

display 1.43975+.5088957

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

summarize nbiparroq

display .7672897-.2037956

display .7672671+.2037956

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

summarize lhhconsump

display 4.19979-.3750833

display 4.19979+.3750833

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

margins i.j\_sch4up

margins i.cellphone

margins i.internet

margins i.indigonly

margins i.barelypoor40

margins i.densidad10

margins i.spentondocs

summarize birthatt

display .8218015-.2363712

display .8218015+.2363712

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

margins i.nofeelpoor

summarize satisgovt

display 6.698227-2.339278

display 6.698227+2.339178

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

\*\*\*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.nofeelpoor satisgovt

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

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

probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.j\_sch4up i.densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.cellphone densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.internet densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.indigonly densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.barelypoor40 densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

probit bdhoct13 i.school i.sixtyfive i.disabled i.sixtyfivedq i.disableddq lhhpersons nbiparroq lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.densidad10 i.spentondocs birthatt i.nofeelpoor satisgovt

\*\*\*Sensitivity Checks 4-8 are described in the last six paragraphs of Section 4 in the text of the article.

\*\*\*the next three lines just do the same probit but spit it out as a nicely formatted .rtf file. The eststo and esttab commands have to be installed over the internet; they're not indigenous to Stata 14

eststo: quietly probit bdhoct13 i.school i.disabled i.sixtyfive i.sixtyfivedq i.disableddq nbiparroq lhhpersons lhhconsump i.j\_sch4up i.cellphone i.internet i.indigonly i.barelypoor40 i.spentondocs i.densidad10 birthatt i.nofeelpoor satisgovt

esttab using ecuador13.rtf, compress r2 onecell star(+ 0.10 \* 0.05 \*\* 0.01 \*\*\* 0.001) order(\_cons)

eststo clear