Statistics/Data Analysis

```
      name:  <unnamed>
       log:  C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output\
> log\ELA_02_elasticityv3.smcl
  log type:  smcl
 opened on:  14 Dec 2019, 10:46:05

1 . set linesize 255

2 .
3 . use "$bases\Main\ENCSP_PanelTabaco.dta" , clear

4 . drop _merge

5 . merge n:1 year depart using "$bases\IPC\Annual_Tobacco_prices1.dta"
  (note: variable municipi was long, now double to accommodate using data's values)
  (label deptos already defined)

    Result                           # of obs.
    -----------------------------------------
    not matched                           212
        from master                         0  (_merge==1)
        from using                        212  (_merge==2)

    matched                            42,719  (_merge==3)
    -----------------------------------------

6 . drop if _merge==2
  (212 observations deleted)

7 . drop _merge

8 .
9 .
10.
11. gen ipc_cigr=ipc_tabaco/ipc

12. gen ipc_alir=ipc_alcohol/ipc

13. gen ipc_foir=ipc_alimentos/ipc

14.
15. gen ipc_cigr15=ipc_tabaco15/ipc15

16. gen ipc_alir15=ipc_alcohol15/ipc15

17. gen ipc_foir15=ipc_alimentos15/ipc15

18.
19. foreach varDep in cig ipc ipc_tabaco ipc_alimentos ipc_alcohol ipc_cigr ipc_alir ipc
  > _foir ipc15 ipc_tabaco15 ipc_alimentos15 ipc_alcohol15 ipc_cigr15 ipc_alir15 ipc_foi
  > r15 p_cig {
    2.         gen l`varDep'=ln(`varDep')
    3. }
  (36,718 missing values generated)

20.
21. gen year13= (year==2013)

22.
```

```
23. label define ldept 5 "ANTIOQUIA"  8 "ATLANTICO"  13 "BOLIVAR"  15 "BOYACA"  17 "CALD
  > AS"  18 "CAQUETA"  19 "CAUCA"  20 "CESAR"  23 "CORDOBA"  25 "CUNDINAMARCA"  27 "CHOC
  > O"  41 "HUILA"  44 "LA GUAJIRA"  47 "MAGDALENA"  50 "META"  52 "NARINO"  54 "NORTE D
  > E SANTANDER"  63 "QUINDIO"  66 "RISARALDA"  68 "SANTANDER"  70 "SUCRE"  73 "TOLIMA"
  >  76 "VALLE DEL CAUCA"  81 "ARAUCA"  85 "CASANARE"  86 "PUTUMAYO"  91 "AMAZONAS"  94
  > "GUAINIA"  95 "GUAVIARE"  97 "VAUPES"  99 "VICHADA"  88 "SAN ANDRES Y PROVIDENCIA"
  > 11 "BOGOTA D.C." ,replace

24. label val depart ldept

25.
26.
27. gen cigZ=cig
  (36,718 missing values generated)

28.         replace cigZ=0 if smokenP==0
  (36,714 real changes made)

29.         label var cigZ "Number of cigs. per-week including 0 for non-smokers"

30.
31. gen cons= (cig>14) if cig!=.
  (36,718 missing values generated)

32.
33. gen ipc2008= ipc if year==2008
  (22,776 missing values generated)

34. bys depart: egen ipc2008x=max(ipc2008)

35. gen deflactor=ipc/ipc2008x

36.
37. replace p_cig = p_cig/(deflactor*10)
  (42,719 real changes made)

38. label var p_cig "Real price in 100s of pesos"

39.
40. ******************************************************************************
41. * Macros' definition
42.
43. glo fex="[pw=exp]"

44. glo fex=""

45.
46. recode sexo (1=1 "Male") (2=0 "Female"), g(sexo1)
  (26110 differences between sexo and sexo1)

47. drop sexo

48. rename sexo1 sexo

49.
50. recode educ (0=0 "Less than primary") (1=1  "Primary") (2=2 "Secondary")(3/4=3 "Tert
  > iary"), g(educ1)
  (581 differences between educ and educ1)

51. recode civil (0=0 "Single")(1=1 "Married") (2=0), g(civil1)
  (3225 differences between civil and civil1)
```

```
52. drop civil educ

53. rename educ1 educ

54. rename civil1 civil

55.
56. gen monthyear=year*100+month
  (12 missing values generated)

57.
58.
59. foreach var in alcohol marijuana cocaine calming basuco inhalable ecstasy {
    2. tab `var'Ever `var'P
    3. }
```

alcoholEver	Current consumption of alcohol (last 30 days) 0	1	Total
0	**6,112**	**0**	**6,112**
1	**23,166**	**13,441**	**36,607**
Total	**29,278**	**13,441**	**42,719**

marijuanaEver	Current consumption of marijuana (last 30 days) 0	1	Total
0	**39,021**	**0**	**39,021**
1	**3,010**	**688**	**3,698**
Total	**42,031**	**688**	**42,719**

cocaineEver	Current consumption of cocaine (last 30 days) 0	1	Total
0	**41,680**	**0**	**41,680**
1	**886**	**153**	**1,039**
Total	**42,566**	**153**	**42,719**

calmingEver	Current consumption of calming drugs (last 30 days) 0	1	Total
0	**41,926**	**0**	**41,926**
1	**684**	**109**	**793**
Total	**42,610**	**109**	**42,719**

basucoEver	Current consumption of basuco (last 30 days) 0	1	Total
0	**42,236**	**0**	**42,236**
1	**421**	**62**	**483**
Total	**42,657**	**62**	**42,719**

inhalableEver	Current consumption of inhalable drugs (last 30 days) 0	1	Total
0	**42,454**	**0**	**42,454**
1	**233**	**32**	**265**
Total	**42,687**	**32**	**42,719**

ecstasyEver	Current consumption of ecstasy (last 30 days) 0	1	Total
0	**42,467**	**0**	**42,467**
1	**235**	**17**	**252**
Total	**42,702**	**17**	**42,719**

```
60.
61. // Años que lleva fumando
62. gen init_smoke=edad-smokStartAge if edad!=. & smokStartAge!=.
  (25,047 missing values generated)

63.
64. gen init_3=(init_smoke<4 & year13==1) if init_smoke!=.
  (25,047 missing values generated)

65.
66. gen     cess_3=0 if init_smoke!=.
  (25,047 missing values generated)

67. replace cess_3=1 if smokeEver==1 & init_smoke>3 & init_smoke!=. & smoken12==0 & year
  > 13==1
  (5,372 real changes made)

68.
69.
70.
71.         recode edad (0/25=1 "10-25") (26/50=2 "26-50") (51/65=3 "51-65"), g(grupo_ed
  > ad1)
  (42719 differences between edad and grupo_edad1)

72.         recode estratoSES (1/2=1 "1-2")(3=2 "3")(4/6=3 "4-6"), g(estrato_)
  (32842 differences between estratoSES and estrato_)

73.
74.
75.         gen joven = (edad<25) if edad!=.

76.         gen viejo = 1-joven if edad!=.

77.
78.         gen male = sexo

79.         gen female1 = 1-sexo
```

```
80.
81.
82.         tab grupo_edad1, g(juv_)
```

RECODE of edad (Age)	Freq.	Percent	Cum.
10-25	**13,093**	**30.65**	**30.65**
26-50	**20,878**	**48.87**	**79.52**
51-65	**8,748**	**20.48**	**100.00**
Total	**42,719**	**100.00**	

```
83.
84.         gen pcigXjoven = p_cig*juv_1

85.         gen pcigXadulto = p_cig*juv_2

86.         gen pcigXviejo = p_cig*juv_3

87.
88.
89.         gen pcigXmale = p_cig*male

90.         gen pcigXfemale = p_cig*female

91.
92.         tab estrato_ , g(est_)
```

RECODE of estratoSES (c) cual es el estrato socioeconomico de la vivienda de ac	Freq.	Percent	Cum.
1-2	**28,532**	**66.79**	**66.79**
3	**11,527**	**26.98**	**93.77**
4-6	**2,660**	**6.23**	**100.00**
Total	**42,719**	**100.00**	

```
93.
94.         gen pcigXest1 = p_cig*est_1

95.         gen pcigXest2 = p_cig*est_2

96.         gen pcigXest3 = p_cig*est_3

97.
98.         gen mesano=year*100+month
  (12 missing values generated)

99.
100 ********************************************************************************
101 * Margen extensivo con efectos fijos de depto
102 ********************************************************************************
```

```
103 if 1==1 {
104         *glo fex="[pw=exp]"
105         glo fex=""
106
107         glo controls="i.municipi i.mesano i.estrato_ i.sexo i.grupo_edad1 i.educ jef
  > eH i.ocupa civil alcoholP marijuanaEver   "
108
109         * Prevalence estimates for the elasticities ..........
110         sum p_cig if year==2008  [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

```
111         glo precio = r(mean)
112
113         sum smokenP if year==2008  [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

```
114         glo prev_g= r(mean)
115         sum smokenP if year==2008 & male==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

```
116         glo prev_m= r(mean)
117         sum smokenP if year==2008 & male==0 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

```
118         glo prev_f= r(mean)
119         sum smokenP if year==2008 & juv_1==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**6,652**	**5814887**	**.1475886**	**.3546917**	**0**	**1**

```
120         glo prev_age1= r(mean)
121         sum smokenP if year==2008 & juv_2==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

```
122         glo prev_age2= r(mean)
123         sum smokenP if year==2008 & juv_3==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

```
124         glo prev_age3= r(mean)
125         sum smokenP if year==2008 & estrato_==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

```
126         glo prev_est1= r(mean)
127         sum smokenP if year==2008 & estrato_==2 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

```
128         glo prev_est2= r(mean)
129         sum smokenP if year==2008 & estrato_==3 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    1,541     2701084    .1989361   .3991999           0          1
130         glo prev_est3= r(mean)
131
132         sum smokenP if year==2008 & juv_1==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    6,652     5814887    .1475886   .3546917           0          1
133         glo prev_in_g= r(mean)
134         sum smokenP if year==2008 & male==1 & juv_1==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    2,819     2795901    .2156621    .411281           0          1
135         glo prev_in_m= r(mean)
136         sum smokenP if year==2008 & male==0 & juv_1==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    3,833     3018986    .0845453   .2782039           0          1
137         glo prev_in_f= r(mean)
138         sum smokenP if year==2008 & estrato_==1 & juv_1==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    4,548     3327510    .1300657   .3363758           0          1
139         glo prev_in_est1= r(mean)
140         sum smokenP if year==2008 & estrato_==2 & juv_1==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    1,660     1721116    .1591996   .3658622           0          1
141         glo prev_in_est2= r(mean)
142         sum smokenP if year==2008 & estrato_==3 & juv_1==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |      444      766261    .1976024   .3981908           0          1
143         glo prev_in_est3= r(mean)
144
145         sum smokenP if year==2008 & init_smoke>=5 & edad>25 & smokeEver==1 [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    5,855     5009693    .3818769   .4858467           0          1
146         glo prev_cess_g= r(mean)
147         sum smokenP if year==2008 & male==1 & init_smoke>=5 & edad>25 & smokeEver==1
  >  [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    2,932     2992055    .4051259   .4909165           0          1
148         glo prev_cess_m= r(mean)
149         sum smokenP if year==2008 & male==0 & init_smoke>=5 & edad>25 & smokeEver==1
  >  [iw=exp]

    Variable |      Obs      Weight        Mean   Std. Dev.       Min        Max
-------------+--------------------------------------------------------------------
     smokenP |    2,923     2017638    .3473998   .4761442           0          1
```

```
150         glo prev_cess_f= r(mean)
151         sum smokenP if year==2008 & juv_2==1 & init_smoke>=5 & edad>25 & smokeEver==
  > 1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,826**	**3522799**	**.4239583**	**.4941839**	**0**	**1**

```
152         glo prev_cess_age2= r(mean)
153         sum smokenP if year==2008 & juv_3==1 & init_smoke>=5 & edad>25 & smokeEver==
  > 1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**2,029**	**1486894**	**.2821761**	**.4500588**	**0**	**1**

```
154         glo prev_cess_age3= r(mean)
155         sum smokenP if year==2008 & estrato_==1 & init_smoke>=5 & edad>25 & smokeEve
  > r==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,595**	**2372735**	**.3692599**	**.4826045**	**0**	**1**

```
156         glo prev_cess_est1= r(mean)
157         sum smokenP if year==2008 & estrato_==2 & init_smoke>=5 & edad>25 & smokeEve
  > r==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**1,741**	**1683827**	**.3973698**	**.4893538**	**0**	**1**

```
158         glo prev_cess_est2= r(mean)
159         sum smokenP if year==2008 & estrato_==3 & init_smoke>=5 & edad>25 & smokeEve
  > r==1 [iw=exp]
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**519**	**953131**	**.3859155**	**.486811**	**0**	**1**

```
160         glo prev_cess_est3= r(mean)
161
162
163         * ..................................................
164
165                 logit smokenP p_cig  i.depart i.year $fex, r

Iteration 0:   log pseudolikelihood = -17343.762
Iteration 1:   log pseudolikelihood = -16950.347
Iteration 2:   log pseudolikelihood = -16936.232
Iteration 3:   log pseudolikelihood =  -16936.18
Iteration 4:   log pseudolikelihood =  -16936.18

Logistic regression                             Number of obs     =     42,719
                                                Wald chi2(14)     =     732.76
                                                Prob > chi2       =     0.0000
Log pseudolikelihood =  -16936.18               Pseudo R2         =     0.0235
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	**-.1128904**	**.0375281**	**-3.01**	**0.003**	**-.1864441**	**-.0393367**
depart						
ATLANTICO	**-.7912333**	**.1425296**	**-5.55**	**0.000**	**-1.070586**	**-.5118804**
BOGOTA D.C.	**.5370844**	**.1666549**	**3.22**	**0.001**	**.2104468**	**.8637221**
BOLIVAR	**-.8739364**	**.0842169**	**-10.38**	**0.000**	**-1.038999**	**-.7088742**
CALDAS	**.0126576**	**.0643438**	**0.20**	**0.844**	**-.1134539**	**.138769**
CORDOBA	**-1.189379**	**.1009682**	**-11.78**	**0.000**	**-1.387273**	**-.991485**
HUILA	**-.4550745**	**.1518008**	**-3.00**	**0.003**	**-.7525986**	**-.1575504**
META	**.0571761**	**.1544656**	**0.37**	**0.711**	**-.245571**	**.3599231**
NARINO	**-.1471683**	**.1178795**	**-1.25**	**0.212**	**-.378208**	**.0838713**
NORTE DE SANTANDER	**-.2692157**	**.1090045**	**-2.47**	**0.014**	**-.4828606**	**-.0555708**
RISARALDA	**.2711398**	**.183028**	**1.48**	**0.138**	**-.0875885**	**.6298682**
SANTANDER	**-.3078013**	**.1437532**	**-2.14**	**0.032**	**-.5895524**	**-.0260502**
VALLE DEL CAUCA	**-.2215719**	**.0932205**	**-2.38**	**0.017**	**-.4042807**	**-.0388631**

year						
2013	**.0930157**	**.0925061**	**1.01**	**0.315**	**-.0882929**	**.2743244**
_cons	**-.1309238**	**.426931**	**-0.31**	**0.759**	**-.9676932**	**.7058456**

```
166                margins, dydx(p_cig)  post

  Average marginal effects                        Number of obs     =     42,719
  Model VCE    : Robust

  Expression   : Pr(smokenP), predict()
  dy/dx w.r.t. : p_cig
```

	Delta-method					
	dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	**-.013392**	**.0044517**	**-3.01**	**0.003**	**-.0221172**	**-.0046669**

```
167                get_lincomest , reg(r2) test( _b[p_cig] *($precio/$prev_g)) name(pe_
  > base)
  Confidence interval for formula:
  _b[p_cig]*(13.9154879735949/.1733135141955712)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.075256**	**.3574295**	**-3.01**	**0.003**	**-1.775805**	**-.3747072**

```
  (results r2 are active now)

  added scalar:
              e(pe_base) =  -1.0752563

  added scalar:
            e(pe_base_p) =  .00262711
168
169                logit smokenP p_cig  $controls $fex , r

  note: 201308.mesano != 0 predicts failure perfectly
        201308.mesano dropped and 1 obs not used

  Iteration 0:   log pseudolikelihood = -17338.171
  Iteration 1:   log pseudolikelihood = -15059.407
  Iteration 2:   log pseudolikelihood = -14539.692
  Iteration 3:   log pseudolikelihood = -14532.286
  Iteration 4:   log pseudolikelihood = -14532.214
  Iteration 5:   log pseudolikelihood = -14532.213

  Logistic regression                             Number of obs     =     42,706
                                                  Wald chi2(98)     =   4861.74
                                                  Prob > chi2       =    0.0000
  Log pseudolikelihood = -14532.213               Pseudo R2         =    0.1618
```

		Robust				
smokenP	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	**-.0807473**	**.0405572**	**-1.99**	**0.046**	**-.160238**	**-.0012566**
municipi						
5045	**-1.119564**	**.2278151**	**-4.91**	**0.000**	**-1.566073**	**-.6730542**
5079	**-.6104713**	**.7638476**	**-0.80**	**0.424**	**-2.107585**	**.8866425**
5088	**-.1619958**	**.1503869**	**-1.08**	**0.281**	**-.4567487**	**.1327571**
5129	**.6122965**	**.3607086**	**1.70**	**0.090**	**-.0946794**	**1.319272**
5147	**-.732712**	**.4083904**	**-1.79**	**0.073**	**-1.533142**	**.0677184**
5154	**-.9750117**	**.3056254**	**-3.19**	**0.001**	**-1.574026**	**-.3759969**
5172	**-.2850687**	**.2463239**	**-1.16**	**0.247**	**-.7678547**	**.1977174**
5212	**-.5213593**	**.3955193**	**-1.32**	**0.187**	**-1.296563**	**.2538443**
5266	**-.3637808**	**.2639546**	**-1.38**	**0.168**	**-.8811223**	**.1535607**
5308	**.4337211**	**.5568534**	**0.78**	**0.436**	**-.6576916**	**1.525134**

5360	-.16583	.2068224	-0.80	0.423	-.5711944	.2395345
5376	-.041378	.3170501	-0.13	0.896	-.6627848	.5800287
5380	-2.116844	.7645569	-2.77	0.006	-3.615348	-.6183403
5440	-.3192305	.3976525	-0.80	0.422	-1.098615	.460154
5579	-.349722	.3280738	-1.07	0.286	-.9927348	.2932908
5615	-.4968275	.2868492	-1.73	0.083	-1.059042	.0653866
5631	-.1696481	.4817984	-0.35	0.725	-1.113956	.7746594
5837	-.8655906	.4114079	-2.10	0.035	-1.671935	-.059246
8001	-.8189235	.1671139	-4.90	0.000	-1.146461	-.4913862
8078	-1.955771	1.061884	-1.84	0.066	-4.037025	.1254842
8433	-.3959003	.3479471	-1.14	0.255	-1.077864	.2860634
8638	-.3368753	.4225946	-0.80	0.425	-1.165146	.4913949
8758	-.7538993	.1879282	-4.01	0.000	-1.122232	-.3855669
11001	.4601911	.1849679	2.49	0.013	.0976607	.8227216
13001	-.8013559	.1019031	-7.86	0.000	-1.001082	-.6016296
13052	-1.240958	.4734831	-2.62	0.009	-2.168968	-.3129484
13244	-.0698401	.2727192	-0.26	0.798	-.60436	.4646797
13430	-1.425899	.368123	-3.87	0.000	-2.147406	-.7043908
13836	-.6579907	.3820613	-1.72	0.085	-1.406817	.0908357
17001	.0038147	.0860727	0.04	0.965	-.1648847	.1725141
17174	.0202932	.2355406	0.09	0.931	-.4413578	.4819442
17380	-.1704068	.2110502	-0.81	0.419	-.5840575	.243244
17873	.7334703	.218749	3.35	0.001	.3047302	1.16221
23001	-.8789707	.1376483	-6.39	0.000	-1.148756	-.609185
23162	-1.518182	.4827591	-3.14	0.002	-2.464372	-.5719913
23417	-.8057278	.3525626	-2.29	0.022	-1.496738	-.1147179
23466	-.5069881	.2918412	-1.74	0.082	-1.078986	.0650101
23555	-.8973728	.3611169	-2.48	0.013	-1.605149	-.1895967
23660	-1.704437	.4268885	-3.99	0.000	-2.541123	-.8677511
23807	-2.408757	1.021699	-2.36	0.018	-4.41125	-.4062641
41001	-.4240572	.1781638	-2.38	0.017	-.7732519	-.0748626
41298	.0104591	.2714232	0.04	0.969	-.5215207	.5424388
41551	-.5208299	.2480606	-2.10	0.036	-1.00702	-.0346401
50001	.0079861	.1759799	0.05	0.964	-.3369282	.3529004
50006	.2943733	.2799611	1.05	0.293	-.2543404	.843087
50313	-.5554496	.3794638	-1.46	0.143	-1.299185	.1882859
52001	.3365769	.1368113	2.46	0.014	.0684316	.6047222
52356	-.1990344	.2549762	-0.78	0.435	-.6987786	.3007098
52835	-1.307318	.3071999	-4.26	0.000	-1.909419	-.7052177
54001	-.2113593	.1277267	-1.65	0.098	-.461699	.0389803
54405	-.7984196	.4186629	-1.91	0.057	-1.618984	.0221446
54498	-.4365906	.2985502	-1.46	0.144	-1.021738	.148557
54518	-.1630362	.4010897	-0.41	0.684	-.9491576	.6230851
54874	-.0168427	.2318746	-0.07	0.942	-.4713085	.4376232
66001	.0703857	.207507	0.34	0.734	-.3363206	.4770919
66170	.146868	.2388856	0.61	0.539	-.3213392	.6150752
66400	.1387403	.3700175	0.37	0.708	-.5864806	.8639612
66682	.1496835	.3569839	0.42	0.675	-.549992	.8493591
68001	-.3920624	.1709054	-2.29	0.022	-.7270309	-.0570939
68081	-.1572284	.231805	-0.68	0.498	-.6115579	.2971012
68276	-.3750321	.1997413	-1.88	0.060	-.766518	.0164537
68307	-.3267962	.2821414	-1.16	0.247	-.8797832	.2261909
68547	-.321525	.326538	-0.98	0.325	-.9615277	.3184776
68679	-.0986438	.4391572	-0.22	0.822	-.9593762	.7620886
76001	-.1912615	.1116052	-1.71	0.087	-.4100036	.0274806
76109	-1.173811	.2608765	-4.50	0.000	-1.68512	-.6625025
76111	-.4470221	.3171124	-1.41	0.159	-1.068551	.1745069
76147	-.1195411	.2495167	-0.48	0.632	-.6085847	.3695026
76248	-.4694532	.6673008	-0.70	0.482	-1.777339	.8384323
76275	-.1545127	.3319018	-0.47	0.642	-.8050282	.4960028
76364	-.4163649	.2598393	-1.60	0.109	-.9256407	.0929108
76520	-.2824918	.1624786	-1.74	0.082	-.6009439	.0359603
76563	.1058499	.2573517	0.41	0.681	-.3985501	.6102498
76736	.0910965	.5276802	0.17	0.863	-.9431377	1.125331
76834	-.3701775	.2647766	-1.40	0.162	-.8891301	.148775
76892	-.4599894	.2645198	-1.74	0.082	-.9784387	.05846
mesano						
200810	.5094405	.3708707	1.37	0.170	-.2174528	1.236334
200811	.4015844	.3660167	1.10	0.273	-.3157951	1.118964
200812	.4214718	.3671653	1.15	0.251	-.2981589	1.141102
201308	0	(empty)				

201310	.097542	.3766607	0.26	0.796	-.6406995	.8357835
201311	.0071054	.3764086	0.02	0.985	-.7306419	.7448527
201312	.1631049	.3769171	0.43	0.665	-.575639	.9018488
estrato_						
3	-.000399	.0366879	-0.01	0.991	-.072306	.071508
4-6	.1423876	.0679537	2.10	0.036	.0092008	.2755745
sexo						
Male	.5568036	.0331992	16.77	0.000	.4917343	.6218729
grupo_edad1						
26-50	.2932176	.0436423	6.72	0.000	.2076802	.378755
51-65	.5187645	.0525664	9.87	0.000	.4157362	.6217928
educ						
Primary	-.2373519	.0461042	-5.15	0.000	-.3277144	-.1469895
Secondary	-.511527	.0602388	-8.49	0.000	-.6295929	-.393461
Tertiary	-.6037731	.05514	-10.95	0.000	-.7118455	-.4957007
jefeH	-.1565263	.0336764	-4.65	0.000	-.2225308	-.0905218
ocupa						
Working	.3023405	.0401008	7.54	0.000	.2237444	.3809366
Unemployed	.5044806	.0610494	8.26	0.000	.384826	.6241352
Studying	-.4714474	.0726721	-6.49	0.000	-.613882	-.3290128
civil	-.2695604	.0341979	-7.88	0.000	-.3365871	-.2025337
alcoholP	1.166804	.0323517	36.07	0.000	1.103396	1.230213
marijuanaEver	1.340458	.0426669	31.42	0.000	1.256832	1.424083
_cons	-1.618303	.5968489	-2.71	0.007	-2.788106	-.4485009

```
170                 margins, dydx(p_cig) post
```

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **p_cig**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	-.0082166	.0041262	-1.99	0.046	-.0163039	-.0001294

```
171                 get_lincomest , reg(r3) test( _b[p_cig] *($precio/$prev_g)) name(pe_
> g)
```

Confidence interval for formula:
_b[p_cig]*(13.9154879735949/.1733135141955712)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.6597216	.3312975	-1.99	0.046	-1.309053	-.0103904

(results r3 are active now)

added scalar:
e(pe_g) = **-.65972162**

added scalar:
e(pe_g_p) = **.04644497**

```
172
173
174                probit smokenP p_cig $controls  $fex, r

note: 201308.mesano != 0 predicts failure perfectly
      201308.mesano dropped and 1 obs not used

Iteration 0:   log pseudolikelihood = -17338.171
Iteration 1:   log pseudolikelihood = -14587.472
Iteration 2:   log pseudolikelihood = -14511.805
Iteration 3:   log pseudolikelihood = -14511.466
Iteration 4:   log pseudolikelihood = -14511.465

Probit regression                                 Number of obs     =     42,706
                                                  Wald chi2(98)     =    5064.33
                                                  Prob > chi2       =     0.0000
Log pseudolikelihood = -14511.465                 Pseudo R2         =     0.1630
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	-.0409534	.0218097	-1.88	0.060	-.0836997	.0017929
municipi						
5045	-.6115551	.1161457	-5.27	0.000	-.8391965	-.3839138
5079	-.3765708	.4013221	-0.94	0.348	-1.163148	.4100061
5088	-.0731183	.0825956	-0.89	0.376	-.2350027	.0887661
5129	.3386762	.2048275	1.65	0.098	-.0627783	.7401307
5147	-.352488	.2007879	-1.76	0.079	-.746025	.0410489
5154	-.5075286	.1530581	-3.32	0.001	-.807517	-.2075402
5172	-.1581757	.1304121	-1.21	0.225	-.4137788	.0974273
5212	-.3059816	.2246385	-1.36	0.173	-.7462649	.1343018
5266	-.1792889	.1432036	-1.25	0.211	-.4599629	.101385
5308	.2300846	.287916	0.80	0.424	-.3342204	.7943896
5360	-.0864881	.1158433	-0.75	0.455	-.3135368	.1405607
5376	-.0185588	.1700909	-0.11	0.913	-.3519308	.3148132
5380	-1.173656	.403873	-2.91	0.004	-1.965233	-.3820793
5440	-.1563107	.2025828	-0.77	0.440	-.5533658	.2407443
5579	-.2053657	.1803583	-1.14	0.255	-.5588614	.14813
5615	-.2554451	.1448722	-1.76	0.078	-.5393893	.0284992
5631	-.101244	.2545841	-0.40	0.691	-.6002198	.3977318
5837	-.432369	.2003475	-2.16	0.031	-.8250429	-.039695
8001	-.4515845	.0881512	-5.12	0.000	-.6243578	-.2788113
8078	-.8886953	.4644066	-1.91	0.056	-1.798916	.021525
8433	-.2290349	.1778229	-1.29	0.198	-.5775614	.1194917
8638	-.197497	.2173238	-0.91	0.363	-.6234438	.2284497
8758	-.42754	.0982594	-4.35	0.000	-.6201248	-.2349552
11001	.230047	.0994293	2.31	0.021	.0351691	.4249249
13001	-.4409322	.0534633	-8.25	0.000	-.5457183	-.3361461
13052	-.6726478	.2499747	-2.69	0.007	-1.162589	-.1827063
13244	-.0694989	.1520257	-0.46	0.648	-.3674638	.2284659
13430	-.7480677	.1799244	-4.16	0.000	-1.100713	-.3954223
13836	-.3326849	.1985953	-1.68	0.094	-.7219246	.0565548
17001	-.0001068	.0471634	-0.00	0.998	-.0925453	.0923317
17174	-.0002475	.1325128	-0.00	0.999	-.2599678	.2594727
17380	-.1021134	.1125278	-0.91	0.364	-.3226638	.118437
17873	.4085605	.1225174	3.33	0.001	.1684308	.6486901
23001	-.4657738	.0708362	-6.58	0.000	-.6046101	-.3269374
23162	-.72283	.2223661	-3.25	0.001	-1.15866	-.2870004
23417	-.4066053	.1777712	-2.29	0.022	-.7550305	-.0581802
23466	-.2877662	.1524361	-1.89	0.059	-.5865354	.011003
23555	-.4502562	.1796563	-2.51	0.012	-.802376	-.0981364
23660	-.8601725	.196789	-4.37	0.000	-1.245872	-.4744732
23807	-1.06138	.4132061	-2.57	0.010	-1.871249	-.2515108
41001	-.2538533	.0950332	-2.67	0.008	-.440115	-.0675916
41298	-.065172	.1476629	-0.44	0.659	-.354586	.2242419
41551	-.3215975	.1305813	-2.46	0.014	-.5775321	-.0656628
50001	-.0088448	.0952198	-0.09	0.926	-.1954722	.1777825
50006	.1446632	.1540747	0.94	0.348	-.1573178	.4466441
50313	-.3111823	.2037217	-1.53	0.127	-.7104695	.0881049
52001	.1551679	.0746482	2.08	0.038	.0088601	.3014758

52356	-.1472701	.1334048	-1.10	0.270	-.4087388	.1141986
52835	-.7034272	.1492819	-4.71	0.000	-.9960143	-.41084
54001	-.1369321	.0688755	-1.99	0.047	-.2719256	-.0019386
54405	-.4300473	.2064078	-2.08	0.037	-.8345992	-.0254953
54498	-.2547266	.15614	-1.63	0.103	-.5607554	.0513023
54518	-.0801924	.2061144	-0.39	0.697	-.4841693	.3237845
54874	-.0440718	.1279542	-0.34	0.731	-.2948575	.2067139
66001	.0289721	.1126474	0.26	0.797	-.1918127	.2497568
66170	.058537	.1297749	0.45	0.652	-.195817	.3128911
66400	.0844113	.1985488	0.43	0.671	-.3047371	.4735598
66682	.061158	.1973774	0.31	0.757	-.3256945	.4480106
68001	-.2287121	.0910224	-2.51	0.012	-.4071127	-.0503115
68081	-.1227591	.1255756	-0.98	0.328	-.3688827	.1233646
68276	-.2269289	.1069825	-2.12	0.034	-.4366107	-.0172471
68307	-.165131	.1451026	-1.14	0.255	-.4495269	.119265
68547	-.1548134	.1713532	-0.90	0.366	-.4906596	.1810327
68679	-.0777146	.2274902	-0.34	0.733	-.5235872	.368158
76001	-.1287471	.0600144	-2.15	0.032	-.2463732	-.011121
76109	-.6225291	.1329821	-4.68	0.000	-.8831692	-.361889
76111	-.276788	.1638216	-1.69	0.091	-.5978723	.0442964
76147	-.0684235	.1335608	-0.51	0.608	-.3301978	.1933509
76248	-.2160588	.3302711	-0.65	0.513	-.8633783	.4312607
76275	-.0873863	.1743662	-0.50	0.616	-.4291378	.2543651
76364	-.2522276	.1387643	-1.82	0.069	-.5242007	.0197455
76520	-.1714796	.0873764	-1.96	0.050	-.3427342	-.0002251
76563	.0250097	.142908	0.18	0.861	-.2550849	.3051043
76736	.0497114	.2822406	0.18	0.860	-.50347	.6028927
76834	-.1728951	.1356995	-1.27	0.203	-.4388614	.0930711
76892	-.2736212	.1432395	-1.91	0.056	-.5543655	.0071231
mesano						
200810	.2677588	.2076446	1.29	0.197	-.1392171	.6747348
200811	.2124712	.205028	1.04	0.300	-.1893762	.6143186
200812	.2280532	.2056326	1.11	0.267	-.1749794	.6310857
201308	0	(empty)				
201310	.0350081	.210495	0.17	0.868	-.3775545	.4475707
201311	-.0106638	.2103841	-0.05	0.960	-.423009	.4016815
201312	.0704805	.2107247	0.33	0.738	-.3425325	.4834934
estrato_						
3	.0010893	.0198991	0.05	0.956	-.0379123	.0400909
4-6	.0814721	.0367466	2.22	0.027	.00945	.1534941
sexo						
Male	.3067215	.0179773	17.06	0.000	.2714865	.3419564
grupo_edad1						
26-50	.1756607	.0234746	7.48	0.000	.1296513	.2216701
51-65	.3052974	.028142	10.85	0.000	.2501401	.3604547
educ						
Primary	-.1332722	.0247658	-5.38	0.000	-.1818123	-.084732
Secondary	-.2819767	.0324751	-8.68	0.000	-.3456267	-.2183267
Tertiary	-.3263953	.0295687	-11.04	0.000	-.3843489	-.2684417
jefeH	-.0811121	.0181684	-4.46	0.000	-.1167215	-.0455027
ocupa						
Working	.1603419	.0212305	7.55	0.000	.1187308	.2019529
Unemployed	.2738819	.0334569	8.19	0.000	.2083077	.3394562
Studying	-.2577555	.0380079	-6.78	0.000	-.3322496	-.1832613
civil	-.1435291	.0183914	-7.80	0.000	-.1795757	-.1074825
alcoholP	.6394066	.0175545	36.42	0.000	.6050004	.6738128
marijuanaEver	.7867168	.0247622	31.77	0.000	.7381838	.8352497
_cons	-.9877415	.3264326	-3.03	0.002	-1.627538	-.3479453

```
175                margins, dydx(p_cig) post

  Average marginal effects                        Number of obs     =     42,706
  Model VCE    : Robust

  Expression   : Pr(smokenP), predict()
  dy/dx w.r.t. : p_cig
```

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	-.0076342	.004065	-1.88	0.060	-.0156015	.0003331

```
176                get_lincomest , reg(r4) test( _b[p_cig] *($precio/$prev_g)) name(pe_
  > prob)
  Confidence interval for formula:
  _b[p_cig]*(13.9154879735949/.1733135141955712)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.6129575	.326385	-1.88	0.060	-1.25266	.0267453

```
  (results r4 are active now)

  added scalar:
             e(pe_prob) =  -.61295747

  added scalar:
           e(pe_prob_p) =  .06037845
177
178
179                reg smokenP p_cig  $controls $fex, r

  Linear regression                               Number of obs     =     42,707
                                                  F(98, 42607)      =          .
                                                  Prob > F          =          .
                                                  R-squared         =     0.1437
                                                  Root MSE          =     .32201
```

smokenP	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_cig	-.0078607	.0041349	-1.90	0.057	-.0159653	.0002438
municipi						
5045	-.0973751	.0148172	-6.57	0.000	-.1264171	-.068333
5079	-.076072	.0683935	-1.11	0.266	-.2101245	.0579806
5088	-.0218168	.0189119	-1.15	0.249	-.0588845	.0152508
5129	.0860405	.0560558	1.53	0.125	-.0238299	.195911
5147	-.0637686	.0314515	-2.03	0.043	-.1254142	-.002123
5154	-.0898703	.0205019	-4.38	0.000	-.1300545	-.0496862
5172	-.0345003	.0243956	-1.41	0.157	-.0823162	.0133156
5212	-.0634622	.0426103	-1.49	0.136	-.1469791	.0200548
5266	-.0392984	.0333265	-1.18	0.238	-.1046191	.0260223
5308	.0548226	.0773307	0.71	0.478	-.0967471	.2063923
5360	-.0187606	.0257258	-0.73	0.466	-.0691837	.0316626
5376	-.0060771	.0377897	-0.16	0.872	-.0801458	.0679915
5380	-.1657626	.041683	-3.98	0.000	-.247462	-.0840632
5440	-.0322139	.0410118	-0.79	0.432	-.1125978	.0481699
5579	-.0404626	.0323642	-1.25	0.211	-.103897	.0229718
5615	-.0559442	.0257898	-2.17	0.030	-.1064928	-.0053956
5631	-.0278686	.0551716	-0.51	0.613	-.1360061	.0802689
5837	-.0766253	.0266942	-2.87	0.004	-.1289466	-.0243041
8001	-.0655371	.0154587	-4.24	0.000	-.0958364	-.0352378
8078	-.0899822	.0260117	-3.46	0.001	-.1409656	-.0389988
8433	-.0391451	.0269562	-1.45	0.146	-.0919798	.0136896
8638	-.0311933	.0342855	-0.91	0.363	-.0983935	.036007
8758	-.0624529	.0164752	-3.79	0.000	-.0947446	-.0301612
11001	.0469862	.0191261	2.46	0.014	.0094988	.0844736

13001	-.0772218	.0089506	-8.63	0.000	-.0947652	-.0596784
13052	-.1107498	.0313959	-3.53	0.000	-.1722863	-.0492132
13244	-.0072076	.0327387	-0.22	0.826	-.0713761	.056961
13430	-.1120277	.0177202	-6.32	0.000	-.1467596	-.0772958
13836	-.0640231	.0320193	-2.00	0.046	-.1267816	-.0012646
17001	-.0010944	.0109494	-0.10	0.920	-.0225555	.0203668
17174	.002059	.0305902	0.07	0.946	-.0578985	.0620165
17380	-.0232977	.0238944	-0.98	0.330	-.0701312	.0235357
17873	.1084855	.0357624	3.03	0.002	.0383905	.1785805
23001	-.0769247	.010328	-7.45	0.000	-.0971678	-.0566817
23162	-.0951085	.0172576	-5.51	0.000	-.1289337	-.0612833
23417	-.0655916	.0224103	-2.93	0.003	-.1095163	-.0216669
23466	-.0494299	.0233042	-2.12	0.034	-.0951067	-.0037532
23555	-.0772647	.0215946	-3.58	0.000	-.1195906	-.0349388
23660	-.1047249	.0140644	-7.45	0.000	-.1322915	-.0771583
23807	-.1026221	.0150829	-6.80	0.000	-.1321849	-.0730594
41001	-.0407892	.0174399	-2.34	0.019	-.0749718	-.0066066
41298	-.0059189	.0261336	-0.23	0.821	-.0571414	.0453035
41551	-.0511323	.0211273	-2.42	0.016	-.0925423	-.0097224
50001	-.0038809	.0186955	-0.21	0.836	-.0405243	.0327626
50006	.0303179	.0343666	0.88	0.378	-.0370414	.0976772
50313	-.0529148	.0297887	-1.78	0.076	-.1113013	.0054717
52001	.0326382	.0164739	1.98	0.048	.0003491	.0649273
52356	-.0172772	.0217677	-0.79	0.427	-.0599424	.0253879
52835	-.0960536	.0174885	-5.49	0.000	-.1303313	-.0617758
54001	-.0232807	.0132712	-1.75	0.079	-.0492925	.0027311
54405	-.0661575	.0260015	-2.54	0.011	-.117121	-.015194
54498	-.041725	.023961	-1.74	0.082	-.0886891	.005239
54518	-.0191066	.0350584	-0.54	0.586	-.0878218	.0496086
54874	-.0014973	.0256152	-0.06	0.953	-.0517037	.048709
66001	.0004951	.02245	0.02	0.982	-.0435073	.0444976
66170	.0053173	.0257192	0.21	0.836	-.0450928	.0557274
66400	.0067342	.0433421	0.16	0.877	-.0782172	.0916855
66682	.0099274	.0429261	0.23	0.817	-.0742086	.0940634
68001	-.0395887	.0166042	-2.38	0.017	-.0721332	-.0070442
68081	-.023806	.0240289	-0.99	0.322	-.0709032	.0232912
68276	-.0380426	.0187873	-2.02	0.043	-.074866	-.0012191
68307	-.0325103	.0242772	-1.34	0.181	-.0800941	.0150735
68547	-.0379505	.0310103	-1.22	0.221	-.0987313	.0228302
68679	-.0161133	.0370105	-0.44	0.663	-.0886546	.0564281
76001	-.02679	.0119772	-2.24	0.025	-.0502655	-.0033144
76109	-.0854729	.0155783	-5.49	0.000	-.1160068	-.0549391
76111	-.0477367	.0250011	-1.91	0.056	-.0967394	.0012659
76147	-.0216884	.0265238	-0.82	0.414	-.0736757	.0302988
76248	-.0518617	.0499882	-1.04	0.300	-.1498397	.0461162
76275	-.0197635	.0335489	-0.59	0.556	-.08552	.045993
76364	-.0411763	.0216807	-1.90	0.058	-.0836709	.0013184
76520	-.0325962	.0157	-2.08	0.038	-.0633685	-.0018239
76563	.0075934	.0304789	0.25	0.803	-.0521458	.0673326
76736	.0050916	.0581375	0.09	0.930	-.1088591	.1190422
76834	-.0391003	.0235478	-1.66	0.097	-.0852545	.0070538
76892	-.0441264	.0231576	-1.91	0.057	-.0895157	.0012628
mesano						
200810	.061859	.0436647	1.42	0.157	-.0237247	.1474428
200811	.0489943	.0430116	1.14	0.255	-.0353094	.133298
200812	.0530929	.0431644	1.23	0.219	-.0315102	.137696
201308	-.0288318	.0444179	-0.65	0.516	-.1158918	.0582282
201310	.0167522	.0439332	0.38	0.703	-.0693577	.1028621
201311	.0080239	.0439343	0.18	0.855	-.0780882	.0941359
201312	.0242113	.0440513	0.55	0.583	-.0621301	.1105526
estrato_						
3	.0003957	.0039241	0.10	0.920	-.0072956	.008087
4-6	.0130047	.0074273	1.75	0.080	-.001553	.0275624
sexo						
Male	.0602176	.003625	16.61	0.000	.0531125	.0673228
grupo_edad1						
26-50	.0297821	.0044292	6.72	0.000	.0211008	.0384634
51-65	.050568	.0053693	9.42	0.000	.0400441	.0610919

educ						
Primary	**-.023732**	**.0049745**	**-4.77**	**0.000**	**-.0334822**	**-.0139818**
Secondary	**-.0524146**	**.0064283**	**-8.15**	**0.000**	**-.0650143**	**-.039815**
Tertiary	**-.0618672**	**.0056917**	**-10.87**	**0.000**	**-.073023**	**-.0507113**
jefeH	**-.0152542**	**.003532**	**-4.32**	**0.000**	**-.0221771**	**-.0083314**
ocupa						
Working	**.0280041**	**.0037853**	**7.40**	**0.000**	**.0205849**	**.0354233**
Unemployed	**.0557796**	**.0075126**	**7.42**	**0.000**	**.0410548**	**.0705045**
Studying	**-.0483176**	**.0057662**	**-8.38**	**0.000**	**-.0596196**	**-.0370156**
civil	**-.0282586**	**.0036039**	**-7.84**	**0.000**	**-.0353223**	**-.021195**
alcoholP	**.1392243**	**.004095**	**34.00**	**0.000**	**.131198**	**.1472505**
marijuanaEver	**.2477967**	**.0083477**	**29.68**	**0.000**	**.231435**	**.2641584**
_cons	**.1664265**	**.0647493**	**2.57**	**0.010**	**.0395166**	**.2933364**

```
180                margins, dydx(p_cig) post

  Average marginal effects                        Number of obs     =     42,707
  Model VCE    : Robust

  Expression   : Linear prediction, predict()
  dy/dx w.r.t. : p_cig
```

	Delta-method dy/dx	Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_cig	**-.0078607**	**.0041349**	**-1.90**	**0.057**	**-.0159653**	**.0002438**

```
181                get_lincomest , reg(r5) test( _b[p_cig] *($precio/$prev_g)) name(pe_
  > lpm)
  Confidence interval for formula:
  _b[p_cig]*(13.9154879735949/.1733135141955712)
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	**-.631145**	**.3319974**	**-1.90**	**0.057**	**-1.281866**	**.0195765**

```
  (results r5 are active now)

  added scalar:
              e(pe_lpm) =  -.63114495

  added scalar:
            e(pe_lpm_p) =  .05730171
182
183                logit smokenP pcigXjoven pcigXadulto pcigXviejo $controls  $fex, r

  note: 201308.mesano != 0 predicts failure perfectly
        201308.mesano dropped and 1 obs not used

  Iteration 0:   log pseudolikelihood = -17338.171
  Iteration 1:   log pseudolikelihood =  -15044.26
  Iteration 2:   log pseudolikelihood = -14521.932
  Iteration 3:   log pseudolikelihood = -14514.396
  Iteration 4:   log pseudolikelihood = -14514.322
  Iteration 5:   log pseudolikelihood = -14514.322

  Logistic regression                             Number of obs     =     42,706
                                                  Wald chi2(100)    =    4860.29
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -14514.322               Pseudo R2         =     0.1629
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven	-.0488246	.042255	-1.16	0.248	-.1316429	.0339937
pcigXadulto	-.0666719	.0409816	-1.63	0.104	-.1469943	.0136505
pcigXviejo	-.1590754	.0433287	-3.67	0.000	-.2439981	-.0741527
municipi						
5045	-1.107326	.2291388	-4.83	0.000	-1.556429	-.6582218
5079	-.653493	.7570839	-0.86	0.388	-2.13735	.8303642
5088	-.1532421	.150287	-1.02	0.308	-.4477992	.1413151
5129	.5811213	.3620506	1.61	0.108	-.1284849	1.290728
5147	-.7295872	.4118267	-1.77	0.076	-1.536753	.0775783
5154	-.9732828	.3033337	-3.21	0.001	-1.567806	-.3787596
5172	-.2827745	.2473807	-1.14	0.253	-.7676317	.2020828
5212	-.5136655	.3988656	-1.29	0.198	-1.295428	.2680967
5266	-.3945606	.261802	-1.51	0.132	-.9076831	.1185619
5308	.4131165	.5419383	0.76	0.446	-.6490631	1.475296
5360	-.175489	.207475	-0.85	0.398	-.5821326	.2311545
5376	-.0302239	.3173849	-0.10	0.924	-.652287	.5918391
5380	-2.151394	.783658	-2.75	0.006	-3.687335	-.6154526
5440	-.3306668	.3936204	-0.84	0.401	-1.102149	.4408151
5579	-.3338304	.3345709	-1.00	0.318	-.9895774	.3219166
5615	-.5106892	.2884845	-1.77	0.077	-1.076108	.05473
5631	-.19556	.4824705	-0.41	0.685	-1.141185	.7500649
5837	-.8437792	.4095181	-2.06	0.039	-1.64642	-.0411386
8001	-.8108455	.1672201	-4.85	0.000	-1.138591	-.4831
8078	-1.962277	1.062347	-1.85	0.065	-4.044439	.1198848
8433	-.3873524	.3482856	-1.11	0.266	-1.06998	.2952748
8638	-.3339431	.4212401	-0.79	0.428	-1.159559	.4916724
8758	-.7519781	.18794	-4.00	0.000	-1.120334	-.3836225
11001	.4662471	.1851873	2.52	0.012	.1032867	.8292075
13001	-.7937997	.1020712	-7.78	0.000	-.9938556	-.5937438
13052	-1.276555	.4756142	-2.68	0.007	-2.208742	-.3443681
13244	-.0707787	.2747575	-0.26	0.797	-.6092935	.4677361
13430	-1.438028	.3678047	-3.91	0.000	-2.158912	-.7171441
13836	-.6452797	.3804742	-1.70	0.090	-1.390995	.100436
17001	-.0003746	.0862104	-0.00	0.997	-.1693439	.1685947
17174	.012188	.2358637	0.05	0.959	-.4500963	.4744724
17380	-.1863545	.2134062	-0.87	0.383	-.6046231	.231914
17873	.7220482	.2186328	3.30	0.001	.2935358	1.150561
23001	-.8692172	.1379305	-6.30	0.000	-1.139556	-.5988784
23162	-1.532325	.4847249	-3.16	0.002	-2.482369	-.5822822
23417	-.8310798	.3585484	-2.32	0.020	-1.533822	-.1283378
23466	-.4964421	.2901744	-1.71	0.087	-1.065173	.0722893
23555	-.8830721	.3610084	-2.45	0.014	-1.590636	-.1755087
23660	-1.690083	.4262023	-3.97	0.000	-2.525424	-.8547416
23807	-2.367833	1.0218	-2.32	0.020	-4.370524	-.3651418
41001	-.4138995	.1782274	-2.32	0.020	-.7632188	-.0645802
41298	.0118456	.2722114	0.04	0.965	-.5216789	.5453701
41551	-.5185751	.2480489	-2.09	0.037	-1.004742	-.0324081
50001	.0113281	.1762719	0.06	0.949	-.3341584	.3568146
50006	.3104098	.2795617	1.11	0.267	-.237521	.8583406
50313	-.558735	.3811394	-1.47	0.143	-1.305755	.1882845
52001	.3454027	.1372058	2.52	0.012	.0764842	.6143212
52356	-.1837449	.2549203	-0.72	0.471	-.6833796	.3158897
52835	-1.312871	.3067356	-4.28	0.000	-1.914062	-.7116802
54001	-.2067507	.1278262	-1.62	0.106	-.4572854	.043784
54405	-.7868666	.4186086	-1.88	0.060	-1.607324	.0335913
54498	-.4244394	.298009	-1.42	0.154	-1.008526	.1596475
54518	-.166677	.4031874	-0.41	0.679	-.9569097	.6235557
54874	-.0114697	.2319037	-0.05	0.961	-.4659926	.4430532
66001	.0803195	.2075618	0.39	0.699	-.3264942	.4871331
66170	.1560755	.2393535	0.65	0.514	-.3130488	.6251997
66400	.1735571	.3722888	0.47	0.641	-.5561155	.9032297
66682	.1836219	.3584428	0.51	0.608	-.5189131	.8861569
68001	-.3851051	.1710649	-2.25	0.024	-.7203861	-.0498242
68081	-.1525458	.2320485	-0.66	0.511	-.6073526	.302261
68276	-.3713051	.1997673	-1.86	0.063	-.7628418	.0202316
68307	-.3188549	.2824894	-1.13	0.259	-.872524	.2348142
68547	-.3143991	.3257279	-0.97	0.334	-.9528142	.3240159

68679	-.0762189	.4395593	-0.17	0.862	-.9377394	.7853015
76001	-.1870533	.1116496	-1.68	0.094	-.4058824	.0317758
76109	-1.1654	.2610738	-4.46	0.000	-1.677095	-.6537044
76111	-.449977	.3182292	-1.41	0.157	-1.073695	.1737408
76147	-.1229107	.2497263	-0.49	0.623	-.6123653	.3665439
76248	-.4674396	.6642283	-0.70	0.482	-1.769303	.8344238
76275	-.1468333	.3317342	-0.44	0.658	-.7970204	.5033538
76364	-.4072105	.2606348	-1.56	0.118	-.9180454	.1036243
76520	-.2770234	.1625062	-1.70	0.088	-.5955297	.0414829
76563	.1179736	.2575772	0.46	0.647	-.3868683	.6228156
76736	.1049292	.5262547	0.20	0.842	-.9265111	1.136369
76834	-.3622969	.2653151	-1.37	0.172	-.8823049	.1577111
76892	-.4579507	.266052	-1.72	0.085	-.9794031	.0635017
mesano						
200810	.485983	.3690824	1.32	0.188	-.2374053	1.209371
200811	.3851179	.3641839	1.06	0.290	-.3286694	1.098905
200812	.4082576	.3653262	1.12	0.264	-.3077686	1.124284
201308	0	(empty)				
201310	.0914733	.3748786	0.24	0.807	-.6432752	.8262219
201311	-.0002033	.3746391	-0.00	1.000	-.7344823	.7340758
201312	.1557691	.3751455	0.42	0.678	-.5795025	.8910407
estrato_						
3	-.0003676	.0366909	-0.01	0.992	-.0722805	.0715453
4-6	.1384701	.0680781	2.03	0.042	.0050395	.2719007
sexo						
Male	.5555175	.0332521	16.71	0.000	.4903446	.6206903
grupo_edad1						
26-50	.5659593	.2577328	2.20	0.028	.0608123	1.071106
51-65	2.167484	.3158376	6.86	0.000	1.548454	2.786515
educ						
Primary	-.2482579	.0461644	-5.38	0.000	-.3387384	-.1577774
Secondary	-.5073571	.0601417	-8.44	0.000	-.6252327	-.3894815
Tertiary	-.6094529	.0551317	-11.05	0.000	-.717509	-.5013968
jefeH	-.1710377	.0337732	-5.06	0.000	-.2372319	-.1048435
ocupa						
Working	.317202	.0406584	7.80	0.000	.237513	.396891
Unemployed	.5172051	.0613354	8.43	0.000	.3969899	.6374203
Studying	-.4192582	.0753521	-5.56	0.000	-.5669456	-.2715709
civil	-.2663802	.034235	-7.78	0.000	-.3334795	-.1992809
alcoholP	1.167848	.0323901	36.06	0.000	1.104364	1.231331
marijuanaEver	1.341537	.0426423	31.46	0.000	1.25796	1.425114
_cons	-2.094636	.6221275	-3.37	0.001	-3.313984	-.8752886

184 `margins, dydx(pcigXjoven pcigXadulto pcigXviejo ) post`

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven pcigXadulto pcigXviejo**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven	-.0049633	.004295	-1.16	0.248	-.0133814	.0034548
pcigXadulto	-.0067776	.0041654	-1.63	0.104	-.0149417	.0013865
pcigXviejo	-.0161709	.0044012	-3.67	0.000	-.0247972	-.0075446

```
185               get_lincomest , reg(r6) test("_b[pcigXjoven]*($precio/$prev_age1)-_b
> [pcigXadulto]*($precio/$prev_age2)") name(test1)
Confidence interval for formula:
_b[pcigXjoven]*(13.9154879735949/.1475885945848991)-_b[pcigXadulto]*(13.9154879735949/
> .1935769379521993)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.0192459	.175251	0.11	0.913	-.3242397	.3627316

```
(results r6 are active now)

added scalar:
             e(test1) =  .01924592

added scalar:
            e(test1_p) =  .9125528
186               get_lincomest , reg(r6) test("_b[pcigXadulto]*($precio/$prev_age2)-_
> b[pcigXviejo]*($precio/$prev_age3)") name(test2)
Confidence interval for formula:
_b[pcigXadulto]*(13.9154879735949/.1935769379521993)-_b[pcigXviejo]*(13.9154879735949/
> .1686990144121398)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.8466767	.1571974	5.39	0.000	.5385756	1.154778

```
(results r6 are active now)

added scalar:
             e(test2) =  .84667673

added scalar:
            e(test2_p) =  7.201e-08
187               get_lincomest , reg(r6) test(" _b[pcigXjoven] *($precio/$prev_age1)"
> ) name(pe_age1)
Confidence interval for formula:
_b[pcigXjoven]*(13.9154879735949/.1475885945848991)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.4679674	.4049602	-1.16	0.248	-1.261675	.32574

```
(results r6 are active now)

added scalar:
            e(pe_age1) =  -.46796743

added scalar:
           e(pe_age1_p) =  .24784943
188               get_lincomest , reg(r6) test(" _b[pcigXadulto]*($precio/$prev_age2)"
> ) name(pe_age2)
Confidence interval for formula:
_b[pcigXadulto]*(13.9154879735949/.1935769379521993)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.4872134	.2994372	-1.63	0.104	-1.0741	.0996728

```
(results r6 are active now)

added scalar:
            e(pe_age2) =  -.48721335

added scalar:
           e(pe_age2_p) =  .10371653
```

```
189                get_lincomest , reg(r6) test(" _b[pcigXviejo] *($precio/$prev_age3)"
  > ) name(pe_age3)
  Confidence interval for formula:
  _b[pcigXviejo]*(13.9154879735949/.1686990144121398)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.33389**	**.3630461**	**-3.67**	**0.000**	**-2.045447**	**-.6223329**

```
  (results r6 are active now)

  added scalar:
              e(pe_age3) =  -1.3338901

  added scalar:
            e(pe_age3_p) =  .00023863
190
191                logit smokenP pcigXmale pcigXfemale $controls $fex, r

  note: 201308.mesano != 0 predicts failure perfectly
        201308.mesano dropped and 1 obs not used

  Iteration 0:   log pseudolikelihood = -17338.171
  Iteration 1:   log pseudolikelihood =  -15055.13
  Iteration 2:   log pseudolikelihood = -14533.571
  Iteration 3:   log pseudolikelihood = -14526.097
  Iteration 4:   log pseudolikelihood = -14526.026
  Iteration 5:   log pseudolikelihood = -14526.025

  Logistic regression                             Number of obs     =     42,706
                                                  Wald chi2(99)     =    4872.07
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -14526.025               Pseudo R2         =     0.1622
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0593971**	**.041215**	**-1.44**	**0.150**	**-.140177**	**.0213828**
pcigXfemale	**-.1082427**	**.0411811**	**-2.63**	**0.009**	**-.1889562**	**-.0275291**
municipi						
5045	**-1.106152**	**.2261123**	**-4.89**	**0.000**	**-1.549324**	**-.6629801**
5079	**-.6089814**	**.7599266**	**-0.80**	**0.423**	**-2.09841**	**.8804475**
5088	**-.1629929**	**.1489025**	**-1.09**	**0.274**	**-.4548365**	**.1288507**
5129	**.5962276**	**.3567046**	**1.67**	**0.095**	**-.1029005**	**1.295356**
5147	**-.7030314**	**.4042991**	**-1.74**	**0.082**	**-1.495443**	**.0893803**
5154	**-.9650542**	**.3027957**	**-3.19**	**0.001**	**-1.558523**	**-.3715854**
5172	**-.2773132**	**.2449233**	**-1.13**	**0.258**	**-.7573541**	**.2027277**
5212	**-.5291192**	**.3947541**	**-1.34**	**0.180**	**-1.302823**	**.2445845**
5266	**-.3453184**	**.2607269**	**-1.32**	**0.185**	**-.8563338**	**.165697**
5308	**.432765**	**.5526434**	**0.78**	**0.434**	**-.6503962**	**1.515926**
5360	**-.1649726**	**.2049593**	**-0.80**	**0.421**	**-.5666854**	**.2367403**
5376	**-.037681**	**.3141618**	**-0.12**	**0.905**	**-.6534268**	**.5780647**
5380	**-2.093992**	**.7602691**	**-2.75**	**0.006**	**-3.584092**	**-.6038924**
5440	**-.3105935**	**.390331**	**-0.80**	**0.426**	**-1.075628**	**.4544412**
5579	**-.3377509**	**.3249888**	**-1.04**	**0.299**	**-.9747172**	**.2992155**
5615	**-.4957806**	**.2836674**	**-1.75**	**0.081**	**-1.051758**	**.0601972**
5631	**-.1542727**	**.4736575**	**-0.33**	**0.745**	**-1.082624**	**.7740788**
5837	**-.8713992**	**.4063843**	**-2.14**	**0.032**	**-1.667898**	**-.0749005**
8001	**-.808059**	**.167037**	**-4.84**	**0.000**	**-1.135445**	**-.4806725**
8078	**-1.939747**	**1.062689**	**-1.83**	**0.068**	**-4.022578**	**.1430845**
8433	**-.3889994**	**.3487456**	**-1.12**	**0.265**	**-1.072528**	**.2945294**
8638	**-.3336062**	**.4241866**	**-0.79**	**0.432**	**-1.164997**	**.4977842**
8758	**-.7424296**	**.1878976**	**-3.95**	**0.000**	**-1.110702**	**-.3741572**
11001	**.4733469**	**.1848559**	**2.56**	**0.010**	**.1110361**	**.8356578**
13001	**-.7869562**	**.1011009**	**-7.78**	**0.000**	**-.9851104**	**-.5888021**
13052	**-1.215613**	**.4714499**	**-2.58**	**0.010**	**-2.139638**	**-.2915884**
13244	**-.0597459**	**.2711603**	**-0.22**	**0.826**	**-.5912103**	**.4717186**
13430	**-1.408747**	**.3667039**	**-3.84**	**0.000**	**-2.127473**	**-.6900203**
13836	**-.6411813**	**.3788331**	**-1.69**	**0.091**	**-1.38368**	**.1013179**

17001	.005124	.0852716	0.06	0.952	-.1620053	.1722534
17174	.0277642	.2333	0.12	0.905	-.4294953	.4850237
17380	-.167447	.2092069	-0.80	0.423	-.577485	.242591
17873	.7278621	.217036	3.35	0.001	.3024794	1.153245
23001	-.862997	.1367157	-6.31	0.000	-1.130955	-.5950391
23162	-1.509705	.480633	-3.14	0.002	-2.451728	-.5676814
23417	-.793952	.3498332	-2.27	0.023	-1.479613	-.1082915
23466	-.4957933	.2887548	-1.72	0.086	-1.061742	.0701556
23555	-.887435	.3583687	-2.48	0.013	-1.589825	-.1850453
23660	-1.679944	.4247295	-3.96	0.000	-2.512399	-.84749
23807	-2.422457	1.020469	-2.37	0.018	-4.422539	-.4223741
41001	-.4122038	.1780565	-2.32	0.021	-.7611882	-.0632195
41298	.0239991	.2709789	0.09	0.929	-.5071098	.555108
41551	-.5181473	.2481082	-2.09	0.037	-1.00443	-.0318641
50001	.0204003	.1756832	0.12	0.908	-.3239324	.364733
50006	.3058613	.2805805	1.09	0.276	-.2440664	.855789
50313	-.5420025	.379582	-1.43	0.153	-1.28597	.2019647
52001	.3452088	.1361558	2.54	0.011	.0783483	.6120694
52356	-.1934649	.2542495	-0.76	0.447	-.6917847	.3048548
52835	-1.298553	.3065136	-4.24	0.000	-1.899309	-.6977974
54001	-.2015893	.1273517	-1.58	0.113	-.451194	.0480155
54405	-.7814898	.4183907	-1.87	0.062	-1.601521	.0385409
54498	-.4291399	.2979938	-1.44	0.150	-1.013197	.1549173
54518	-.157187	.4017373	-0.39	0.696	-.9445777	.6302036
54874	-.0055247	.2312502	-0.02	0.981	-.4587668	.4477174
66001	.0852499	.2070948	0.41	0.681	-.3206484	.4911482
66170	.1649088	.2390442	0.69	0.490	-.3036093	.6334269
66400	.1442287	.3709842	0.39	0.697	-.582887	.8713443
66682	.1622613	.3574818	0.45	0.650	-.5383902	.8629129
68001	-.382346	.1708239	-2.24	0.025	-.7171546	-.0475373
68081	-.1486895	.2319652	-0.64	0.522	-.6033329	.305954
68276	-.3685986	.1997374	-1.85	0.065	-.7600767	.0228795
68307	-.3141683	.2822368	-1.11	0.266	-.8673423	.2390056
68547	-.3137703	.3269299	-0.96	0.337	-.9545412	.3270005
68679	-.0875875	.4390646	-0.20	0.842	-.9481383	.7729633
76001	-.1820361	.1112607	-1.64	0.102	-.400103	.0360308
76109	-1.161439	.2607825	-4.45	0.000	-1.672564	-.650315
76111	-.4359496	.3170761	-1.37	0.169	-1.057407	.1855081
76147	-.1150984	.2494855	-0.46	0.645	-.604081	.3738843
76248	-.4647601	.6692044	-0.69	0.487	-1.776377	.8468564
76275	-.1469419	.3309389	-0.44	0.657	-.7955701	.5016864
76364	-.4077193	.2598458	-1.57	0.117	-.9170077	.1015691
76520	-.2729697	.1622076	-1.68	0.092	-.5908907	.0449513
76563	.1138597	.2572573	0.44	0.658	-.3903553	.6180747
76736	.0926903	.527457	0.18	0.861	-.9411063	1.126487
76834	-.3592922	.2642695	-1.36	0.174	-.8772509	.1586665
76892	-.45023	.2640189	-1.71	0.088	-.9676974	.0672375
mesano						
200810	.5037475	.3721689	1.35	0.176	-.2256902	1.233185
200811	.4005113	.3673763	1.09	0.276	-.319533	1.120555
200812	.4198141	.3685158	1.14	0.255	-.3024635	1.142092
201308	0	(empty)				
201310	.1022263	.3779988	0.27	0.787	-.6386377	.8430902
201311	.0110972	.3777817	0.03	0.977	-.7293414	.7515357
201312	.1654981	.3783055	0.44	0.662	-.5759672	.9069633
estrato_						
3	-.0003392	.0366967	-0.01	0.993	-.0722634	.071585
4-6	.1450195	.0678781	2.14	0.033	.0119808	.2780582
sexo						
Male	-.175411	.2142111	-0.82	0.413	-.595257	.2444351
grupo_edad1						
26-50	.2901977	.0436445	6.65	0.000	.2046561	.3757393
51-65	.5176682	.0526065	9.84	0.000	.4145614	.620775
educ						
Primary	-.2401197	.0461616	-5.20	0.000	-.3305948	-.1496445
Secondary	-.5105728	.0601472	-8.49	0.000	-.6284592	-.3926864
Tertiary	-.6079269	.0552153	-11.01	0.000	-.716147	-.4997069

jefeH	**-.1476456**	**.0338564**	**-4.36**	**0.000**	**-.2140029**	**-.0812882**
ocupa						
Working	**.3123727**	**.0401635**	**7.78**	**0.000**	**.2336537**	**.3910918**
Unemployed	**.5224043**	**.061039**	**8.56**	**0.000**	**.4027702**	**.6420385**
Studying	**-.457135**	**.0725355**	**-6.30**	**0.000**	**-.5993019**	**-.314968**
civil	**-.2695547**	**.0341809**	**-7.89**	**0.000**	**-.3365479**	**-.2025614**
alcoholP	**1.166893**	**.0323568**	**36.06**	**0.000**	**1.103475**	**1.230311**
marijuanaEver	**1.340672**	**.0426188**	**31.46**	**0.000**	**1.25714**	**1.424203**
_cons	**-1.228724**	**.6069289**	**-2.02**	**0.043**	**-2.418283**	**-.0391655**

```
192               margins, dydx(pcigXmale pcigXfemale  ) post

Average marginal effects                        Number of obs     =     42,706
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : pcigXmale pcigXfemale
```

	dy/dx	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0060429**	**.0041926**	**-1.44**	**0.149**	**-.0142603**	**.0021745**
pcigXfemale	**-.0110123**	**.0041884**	**-2.63**	**0.009**	**-.0192214**	**-.0028032**

```
193               get_lincomest , reg(r7) test("_b[pcigXmale]*($precio/$prev_m)-_b[pci
> gXfemale]*($precio/$prev_f)")  name(test5)
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 23421536033777)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**1.017405**	**.3034912**	**3.35**	**0.001**	**.4225733**	**1.612237**

```
(results r7 are active now)

added scalar:
             e(test5) =  1.017405

added scalar:
           e(test5_p) =  .00080132
194               get_lincomest , reg(r7) test(" _b[pcigXmale]*($precio/$prev_m)")
> name(pe_m)
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.3466586**	**.2405149**	**-1.44**	**0.149**	**-.8180592**	**.124742**

```
(results r7 are active now)

added scalar:
              e(pe_m) =  -.34665859

added scalar:
            e(pe_m_p) =  .14949479
```

```
195                 get_lincomest , reg(r7) test(" _b[pcigXfemale] *($precio/$prev_f)")
  > name(pe_f)
  Confidence interval for formula:
  _b[pcigXfemale]*(13.9154879735949/.1123421536033777)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.364064**	**.5188029**	**-2.63**	**0.009**	**-2.380899**	**-.3472286**

```
  (results r7 are active now)

  added scalar:
                e(pe_f) =  -1.3640636

  added scalar:
              e(pe_f_p) =  .00855729
196
197                 logit smokenP pcigXest1 pcigXest2 pcigXest3 $controls  $fex , r

  note: 201308.mesano != 0 predicts failure perfectly
        201308.mesano dropped and 1 obs not used

  Iteration 0:   log pseudolikelihood = -17338.171
  Iteration 1:   log pseudolikelihood = -15059.072
  Iteration 2:   log pseudolikelihood =  -14539.37
  Iteration 3:   log pseudolikelihood = -14531.968
  Iteration 4:   log pseudolikelihood = -14531.896
  Iteration 5:   log pseudolikelihood = -14531.896

  Logistic regression                             Number of obs     =     42,706
                                                  Wald chi2(100)    =    4861.40
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -14531.896               Pseudo R2         =     0.1619
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0782498	.0407202	-1.92	0.055	-.1580599	.0015602
pcigXest2	-.0820949	.0425359	-1.93	0.054	-.1654637	.0012739
pcigXest3	-.1013424	.0494789	-2.05	0.041	-.1983193	-.0043655
municipi						
5045	-1.119068	.2280465	-4.91	0.000	-1.56603	-.6721046
5079	-.6038879	.7642674	-0.79	0.429	-2.101824	.8940487
5088	-.1597748	.1505472	-1.06	0.289	-.4548419	.1352923
5129	.6168429	.3608676	1.71	0.087	-.0904446	1.32413
5147	-.7248964	.4086657	-1.77	0.076	-1.525867	.0760737
5154	-.9680264	.3057236	-3.17	0.002	-1.567234	-.3688192
5172	-.2781954	.2467433	-1.13	0.260	-.7618033	.2054125
5212	-.5154632	.3956051	-1.30	0.193	-1.290835	.2599086
5266	-.3732169	.265026	-1.41	0.159	-.8926584	.1462245
5308	.4401536	.5572474	0.79	0.430	-.6520312	1.532338
5360	-.1644127	.2075358	-0.79	0.428	-.5711755	.2423501
5376	-.0411275	.3175866	-0.13	0.897	-.6635859	.5813308
5380	-2.115314	.7650607	-2.76	0.006	-3.614805	-.6158226
5440	-.3205032	.3982641	-0.80	0.421	-1.101087	.4600802
5579	-.3423754	.3284929	-1.04	0.297	-.9862097	.3014589
5615	-.4990486	.2871563	-1.74	0.082	-1.061865	.0637674
5631	-.1724876	.4828216	-0.36	0.721	-1.118801	.7738253
5837	-.8574201	.4117087	-2.08	0.037	-1.664354	-.0504858
8001	-.8177943	.1671207	-4.89	0.000	-1.145345	-.4902438
8078	-1.955014	1.061889	-1.84	0.066	-4.036278	.12625
8433	-.3970964	.3479949	-1.14	0.254	-1.079154	.2849611
8638	-.3376716	.4226649	-0.80	0.424	-1.16608	.4907363
8758	-.7541029	.1878649	-4.01	0.000	-1.122311	-.3858945
11001	.4612264	.1850458	2.49	0.013	.0985432	.8239095
13001	-.7974754	.1021693	-7.81	0.000	-.9977236	-.5972272
13052	-1.23333	.4736006	-2.60	0.009	-2.16157	-.3050895
13244	-.062631	.2730842	-0.23	0.819	-.5978661	.4726042
13430	-1.417033	.3685218	-3.85	0.000	-2.139322	-.6947432

13836	-.6502489	.3821627	-1.70	0.089	-1.399274	.0987761
17001	-.0026455	.0873752	-0.03	0.976	-.1738977	.1686068
17174	.0204338	.2356168	0.09	0.931	-.4413667	.4822343
17380	-.1628254	.2112139	-0.77	0.441	-.5767969	.2511462
17873	.7380828	.2188286	3.37	0.001	.3091865	1.166979
23001	-.8735046	.1379884	-6.33	0.000	-1.143957	-.6030523
23162	-1.510379	.4830542	-3.13	0.002	-2.457148	-.5636101
23417	-.798852	.3528762	-2.26	0.024	-1.490477	-.1072273
23466	-.5026484	.2920473	-1.72	0.085	-1.075051	.0697537
23555	-.889912	.3612744	-2.46	0.014	-1.597997	-.1818272
23660	-1.695868	.4272759	-3.97	0.000	-2.533313	-.8584227
23807	-2.400261	1.021783	-2.35	0.019	-4.402918	-.3976038
41001	-.4246567	.1782084	-2.38	0.017	-.7739387	-.0753746
41298	.0098184	.2714008	0.04	0.971	-.5221174	.5417542
41551	-.5205378	.2480834	-2.10	0.036	-1.006772	-.0343033
50001	.0094997	.1760589	0.05	0.957	-.3355695	.3545689
50006	.2950399	.2799879	1.05	0.292	-.2537264	.8438061
50313	-.5563951	.3794914	-1.47	0.143	-1.300185	.1873945
52001	.3381773	.1369203	2.47	0.014	.0698184	.6065362
52356	-.1979657	.2548762	-0.78	0.437	-.6975139	.3015824
52835	-1.303398	.3073563	-4.24	0.000	-1.905805	-.7009906
54001	-.2087027	.1279059	-1.63	0.103	-.4593936	.0419883
54405	-.7950818	.4187642	-1.90	0.058	-1.615845	.025681
54498	-.4345239	.2985777	-1.46	0.146	-1.019725	.1506776
54518	-.162866	.4010451	-0.41	0.685	-.9489	.6231681
54874	-.0144529	.2319199	-0.06	0.950	-.4690076	.4401018
66001	.0749402	.2075973	0.36	0.718	-.331943	.4818234
66170	.1493702	.2388706	0.63	0.532	-.3188077	.617548
66400	.1377908	.3699523	0.37	0.710	-.5873024	.8628839
66682	.1556305	.3572085	0.44	0.663	-.5444852	.8557463
68001	-.3843799	.1713095	-2.24	0.025	-.7201404	-.0486195
68081	-.1509349	.2320386	-0.65	0.515	-.6057221	.3038524
68276	-.3729932	.1997777	-1.87	0.062	-.7645503	.018564
68307	-.3260533	.2821951	-1.16	0.248	-.8791456	.227039
68547	-.3202527	.3266278	-0.98	0.327	-.9604315	.3199261
68679	-.0924911	.4396321	-0.21	0.833	-.9541542	.769172
76001	-.1908166	.1115966	-1.71	0.087	-.4095419	.0279087
76109	-1.171925	.2608991	-4.49	0.000	-1.683278	-.6605723
76111	-.4454452	.3171348	-1.40	0.160	-1.067018	.1761276
76147	-.1187642	.2495023	-0.48	0.634	-.6077797	.3702513
76248	-.4670524	.6673838	-0.70	0.484	-1.7751	.8409957
76275	-.1515518	.3318877	-0.46	0.648	-.8020398	.4989361
76364	-.414818	.2598685	-1.60	0.110	-.9241509	.0945149
76520	-.2804437	.162517	-1.73	0.084	-.5989712	.0380838
76563	.108037	.2573831	0.42	0.675	-.3964246	.6124986
76736	.0938487	.5277216	0.18	0.859	-.9404666	1.128164
76834	-.367756	.2647159	-1.39	0.165	-.8865897	.1510777
76892	-.4581663	.2644928	-1.73	0.083	-.9765627	.0602301
mesano						
200810	.510304	.3710634	1.38	0.169	-.216967	1.237575
200811	.4008558	.3662126	1.09	0.274	-.3169077	1.118619
200812	.4205007	.3673616	1.14	0.252	-.2995148	1.140516
201308	0	(empty)				
201310	.0972241	.3768801	0.26	0.796	-.6414474	.8358956
201311	.0055824	.376574	0.01	0.988	-.7324891	.743654
201312	.160841	.3770944	0.43	0.670	-.5782504	.8999324
estrato_						
3	.0576994	.2503264	0.23	0.818	-.4329313	.54833
4-6	.4797278	.4472619	1.07	0.283	-.3968894	1.356345
sexo						
Male	.5564134	.0331957	16.76	0.000	.4913511	.6214758
grupo_edad1						
26-50	.2930654	.0436379	6.72	0.000	.2075366	.3785942
51-65	.5181556	.0525833	9.85	0.000	.4150942	.621217
educ						
Primary	-.2371924	.0461067	-5.14	0.000	-.3275599	-.1468248
Secondary	-.5117817	.0602637	-8.49	0.000	-.6298964	-.3936671

Tertiary	**-.6039519**	**.0551518**	**-10.95**	**0.000**	**-.7120475**	**-.4958564**
jefeH	**-.1552332**	**.0337154**	**-4.60**	**0.000**	**-.2213141**	**-.0891523**
ocupa						
Working	**.301849**	**.0401058**	**7.53**	**0.000**	**.2232432**	**.3804549**
Unemployed	**.5047351**	**.0610443**	**8.27**	**0.000**	**.3850904**	**.6243797**
Studying	**-.4728964**	**.0727288**	**-6.50**	**0.000**	**-.6154423**	**-.3303505**
civil	**-.2698552**	**.0341998**	**-7.89**	**0.000**	**-.3368856**	**-.2028248**
alcoholP	**1.166484**	**.0323539**	**36.05**	**0.000**	**1.103071**	**1.229897**
marijuanaEver	**1.341522**	**.0426898**	**31.42**	**0.000**	**1.257852**	**1.425192**
_cons	**-1.656019**	**.6003547**	**-2.76**	**0.006**	**-2.832692**	**-.4793453**

```
198                 margins, dydx(pcigXest1 pcigXest2 pcigXest3 ) post
```

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0079624**	**.0041428**	**-1.92**	**0.055**	**-.0160821**	**.0001574**
pcigXest2	**-.0083536**	**.0043274**	**-1.93**	**0.054**	**-.0168352**	**.000128**
pcigXest3	**-.0103121**	**.0050332**	**-2.05**	**0.040**	**-.020177**	**-.0004473**

```
199                 get_lincomest , reg(r8) test("_b[pcigXest1]*($precio/$prev_est1)-_b[
> pcigXest2]*($precio/$prev_est2)") name(test3)
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.081338**	**.1416711**	**-0.57**	**0.566**	**-.3590083**	**.1963323**

(results r8 are active now)

added scalar:
e(test3) = **-.08133799**

added scalar:
e(test3_p) = **.56587822**

```
200                 get_lincomest , reg(r8) test("_b[pcigXest2]*($precio/$prev_est2)-_b[
> pcigXest3]*($precio/$prev_est3)") name(test4)
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0977789**	**.2271892**	**0.43**	**0.667**	**-.3475038**	**.5430617**

(results r8 are active now)

added scalar:
e(test4) = **.09777894**

added scalar:
e(test4_p) = **.66691529**

```
201                 get_lincomest , reg(r8) test(" _b[pcigXest1]*($precio/$prev_est1)")
  > name(pe_est1)
  Confidence interval for formula:
  _b[pcigXest1]*(13.9154879735949/.1571878374505931)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7048893**	**.3667547**	**-1.92**	**0.055**	**-1.423715**	**.0139367**

```
  (results r8 are active now)

  added scalar:
              e(pe_est1) =  -.7048893

  added scalar:
            e(pe_est1_p) =  .05461031
202                 get_lincomest , reg(r8) test(" _b[pcigXest2]*($precio/$prev_est2)")
  > name(pe_est2)
  Confidence interval for formula:
  _b[pcigXest2]*(13.9154879735949/.1864233139501566)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.6235513**	**.3230172**	**-1.93**	**0.054**	**-1.256653**	**.0095508**

```
  (results r8 are active now)

  added scalar:
              e(pe_est2) =  -.62355131

  added scalar:
            e(pe_est2_p) =  .05355772
203                 get_lincomest , reg(r8) test(" _b[pcigXest3]*($precio/$prev_est3)")
  > name(pe_est3)
  Confidence interval for formula:
  _b[pcigXest3]*(13.9154879735949/.1989360567831286)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7213303**	**.3520683**	**-2.05**	**0.040**	**-1.411371**	**-.0312891**

```
  (results r8 are active now)

  added scalar:
              e(pe_est3) =  -.72133025

  added scalar:
            e(pe_est3_p) =  .04047813
204
205                 esttab r2 r3 r6 r7 r8 using "$output/tables/tableME.csv", star(* 0.1
  >  ** 0.05 *** 0.001) ///
  >                       stats(  N test1 test1_p test2 test2_p test5 test5_p test3 te
  > st3_p test4 test4_p   ///
  >                                     pe_g pe_g_p pe_age1 pe_age1_p pe_age2 pe_age
  > 2_p pe_age3 pe_age3_p pe_m pe_m_p pe_f pe_f_p pe_est1 pe_est1_p pe_est2 pe_est2_p pe
  > _est3 pe_est3_p ///
  >                       ) se keep(p_cig pcigXjoven pcigXadulto pcigXviejo pcigXmale
  > pcigXfemale pcigXest1 pcigXest2 pcigXest3 )  csv replace
  (output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\o
  > utput/tables/tableME.csv)
```

```
206
207                esttab r2 r3 r6 r7 r8 , star(* 0.1 ** 0.05 *** 0.001) ///
  >                     stats(  N test1 test1_p test2 test2_p test5 test5_p test3 te
  > st3_p test4 test4_p   ///
  >                                    pe_g pe_g_p pe_age1 pe_age1_p pe_age2 pe_age
  > 2_p pe_age3 pe_age3_p pe_m pe_m_p pe_f pe_f_p pe_est1 pe_est1_p pe_est2 pe_est2_p pe
  > _est3 pe_est3_p ///
  >                          ) se keep(p_cig pcigXjoven pcigXadulto pcigXviejo pcigXmale
  > pcigXfemale pcigXest1 pcigXest2 pcigXest3 ) replace

------------------------------------------------------------------------------------------------------------------------
  _______
                        (1)             (2)             (3)             (4)
  > (5)

  >
------------------------------------------------------------------------------------------------------------------------
  _______
  p_cig             -0.0134**       -0.00822**
  >
                   (0.00445)       (0.00413)
  >

  pcigXjoven                                          -0.00496
  >
                                                     (0.00430)
  >

  pcigXadulto                                         -0.00678
  >
                                                     (0.00417)
  >

  pcigXviejo                                          -0.0162***
  >
                                                     (0.00440)
  >

  pcigXmale                                                           -0.00604
  >
                                                                     (0.00419)
  >

  pcigXfemale                                                          -0.0110**
  >
                                                                     (0.00419)
  >

  pcigXest1                                                                          -0.00
  > 796*
                                                                                    (0.004
  > 14)

  pcigXest2                                                                          -0.00
  > 835*
                                                                                    (0.004
  > 33)

  pcigXest3                                                                           -0.0
  > 103**
                                                                                    (0.005
  > 03)
------------------------------------------------------------------------------------------------------------------------
  _______
  N                 42719           42706           42706           42706           42
  > 706
  test1                                              0.0192
  >
  test1_p                                             0.913
  >
  test2                                               0.847
  >
```

test2_p		7.20e-08		
>				
test5			1.017	
>				
test5_p			0.000801	
>				
test3				-0.0
> 813				
test3_p				0.
> 566				
test4				0.0
> 978				
test4_p				0.
> 667				
pe_g	-0.660			
>				
pe_g_p	0.0464			
>				
pe_age1		-0.468		
>				
pe_age1_p		0.248		
>				
pe_age2		-0.487		
>				
pe_age2_p		0.104		
>				
pe_age3		-1.334		
>				
pe_age3_p		0.000239		
>				
pe_m			-0.347	
>				
pe_m_p			0.149	
>				
pe_f			-1.364	
>				
pe_f_p			0.00856	
>				
pe_est1				-0.
> 705				
pe_est1_p				0.0
> 546				
pe_est2				-0.
> 624				
pe_est2_p				0.0
> 536				
pe_est3				-0.
> 721				
pe_est3_p				0.0
> 405				

Standard errors in parentheses
* p<0.1, ** p<0.05, *** p<0.001

```
214                 ** INITIATION
215                 glo conda = "if (init_smoke==. | init_smoke<=5) & edad<=25"
216
217                 logit smokenP p_cig  $controls $fex  $conda , r

  note: 5079.municipi != 0 predicts failure perfectly
        5079.municipi dropped and 1 obs not used

  note: 5308.municipi != 0 predicts failure perfectly
        5308.municipi dropped and 6 obs not used

  note: 5380.municipi != 0 predicts failure perfectly
        5380.municipi dropped and 3 obs not used

  note: 5837.municipi != 0 predicts failure perfectly
        5837.municipi dropped and 47 obs not used

  note: 8078.municipi != 0 predicts failure perfectly
        8078.municipi dropped and 13 obs not used

  note: 13052.municipi != 0 predicts failure perfectly
        13052.municipi dropped and 17 obs not used

  note: 13244.municipi != 0 predicts failure perfectly
        13244.municipi dropped and 39 obs not used

  note: 13430.municipi != 0 predicts failure perfectly
        13430.municipi dropped and 48 obs not used

  note: 23807.municipi != 0 predicts failure perfectly
        23807.municipi dropped and 30 obs not used

  note: 54498.municipi != 0 predicts failure perfectly
        54498.municipi dropped and 36 obs not used

  note: 76248.municipi != 0 predicts failure perfectly
        76248.municipi dropped and 7 obs not used

  note: 76275.municipi != 0 predicts failure perfectly
        76275.municipi dropped and 30 obs not used

  note: 201308.mesano != 0 predicts failure perfectly
        201308.mesano dropped and 1 obs not used

  note: 1.grupo_edad1 omitted because of collinearity
  Iteration 0:   log pseudolikelihood = -2874.7502
  Iteration 1:   log pseudolikelihood = -2721.5155
  Iteration 2:   log pseudolikelihood = -2373.6878
  Iteration 3:   log pseudolikelihood = -2229.2736
  Iteration 4:   log pseudolikelihood = -2145.6194
  Iteration 5:   log pseudolikelihood = -2144.6896
  Iteration 6:   log pseudolikelihood = -2144.6888
  Iteration 7:   log pseudolikelihood = -2144.6888

  Logistic regression                             Number of obs     =     10,869
                                                  Wald chi2(84)     =   1226.48
                                                  Prob > chi2       =    0.0000
  Log pseudolikelihood = -2144.6888               Pseudo R2         =    0.2540

  ------------------------------------------------------------------------------
               |               Robust
       smokenP |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
  -------------+----------------------------------------------------------------
         p_cig |   -.0835732   .1130517    -0.74   0.460    -.3051505     .138004
               |
      municipi |
          5045 |   -.3217275   .4685987    -0.69   0.492    -1.240164    .5967091
          5079 |          0  (empty)
          5088 |    -.666499   .4340321    -1.54   0.125    -1.517186    .1841882
          5129 |    1.902797   .9247724     2.06   0.040     .0902766    3.715318
          5147 |   -.5471085   1.222478    -0.45   0.654    -2.943121    1.848904
          5154 |   -1.152568   .8717079    -1.32   0.186    -2.861084    .5559483
```

5172	-.9052124	.9837591	-0.92	0.357	-2.833345	1.02292
5212	.6924153	.9504446	0.73	0.466	-1.170422	2.555253
5266	-.5888205	.8706106	-0.68	0.499	-2.295186	1.117545
5308	0	(empty)				
5360	.6214217	.4584417	1.36	0.175	-.2771075	1.519951
5376	1.023563	.6806075	1.50	0.133	-.3104028	2.357529
5380	0	(empty)				
5440	-1.47883	1.07143	-1.38	0.168	-3.578795	.6211354
5579	-.6870476	.9949332	-0.69	0.490	-2.637081	1.262986
5615	.1092342	.7165001	0.15	0.879	-1.29508	1.513549
5631	1.094914	.9094864	1.20	0.229	-.6876465	2.877475
5837	0	(empty)				
8001	-.2810299	.4590479	-0.61	0.540	-1.180747	.6186875
8078	0	(empty)				
8433	.0373295	1.126701	0.03	0.974	-2.170964	2.245623
8638	.4672211	1.085574	0.43	0.667	-1.660465	2.594908
8758	-.4021252	.5265136	-0.76	0.445	-1.434073	.6298226
11001	1.16298	.5176564	2.25	0.025	.1483918	2.177568
13001	-.198321	.269622	-0.74	0.462	-.7267705	.3301285
13052	0	(empty)				
13244	0	(empty)				
13430	0	(empty)				
13836	-.0390306	.9153969	-0.04	0.966	-1.833176	1.755114
17001	.4273514	.2528803	1.69	0.091	-.0682847	.9229876
17174	.7542759	.5906194	1.28	0.202	-.4033169	1.911869
17380	.9695444	.4771347	2.03	0.042	.0343776	1.904711
17873	1.459834	.5357456	2.72	0.006	.4097917	2.509876
23001	.2080706	.3127525	0.67	0.506	-.404913	.8210542
23162	-.6324364	1.001598	-0.63	0.528	-2.595533	1.33066
23417	.4621496	.788678	0.59	0.558	-1.083631	2.00793
23466	-.6468087	1.161362	-0.56	0.578	-2.923036	1.629419
23555	-1.009732	.7896996	-1.28	0.201	-2.557514	.5380513
23660	.0616229	.7798001	0.08	0.937	-1.466757	1.590003
23807	0	(empty)				
41001	.1706567	.4759541	0.36	0.720	-.7621962	1.10351
41298	.9694906	.6522229	1.49	0.137	-.3088427	2.247824
41551	-.4149472	.7949225	-0.52	0.602	-1.972967	1.143072
50001	.7444795	.4644162	1.60	0.109	-.1657596	1.654719
50006	1.137329	.6561294	1.73	0.083	-.1486605	2.423319
50313	-.0486858	.8612553	-0.06	0.955	-1.736715	1.639343
52001	1.295955	.362569	3.57	0.000	.5853326	2.006577
52356	.0100362	.7036063	0.01	0.989	-1.369007	1.389079
52835	-1.071261	1.097157	-0.98	0.329	-3.221649	1.079128
54001	.5780031	.3522578	1.64	0.101	-.1124095	1.268416
54405	.2841757	1.152447	0.25	0.805	-1.974579	2.542931
54498	0	(empty)				
54518	1.107574	.6849846	1.62	0.106	-.2349712	2.450119
54874	.7008091	.6659562	1.05	0.293	-.6044412	2.006059
66001	.1818229	.5969682	0.30	0.761	-.9882132	1.351859
66170	.7127408	.6039827	1.18	0.238	-.4710436	1.896525
66400	.3785843	1.226806	0.31	0.758	-2.025912	2.78308
66682	.3809738	.7854622	0.49	0.628	-1.158504	1.920451
68001	.3361092	.4618627	0.73	0.467	-.569125	1.241343
68081	1.062737	.5606558	1.90	0.058	-.036128	2.161602
68276	.6083297	.5218462	1.17	0.244	-.4144702	1.631129
68307	.714547	.7633628	0.94	0.349	-.7816165	2.210711
68547	1.514934	.6498617	2.33	0.020	.2412281	2.788639
68679	2.153623	1.055264	2.04	0.041	.0853433	4.221903
76001	.3979129	.3203856	1.24	0.214	-.2300314	1.025857
76109	-1.159269	.7451078	-1.56	0.120	-2.619653	.3011153
76111	.2526248	.8461632	0.30	0.765	-1.405825	1.911074
76147	.3322908	.8165375	0.41	0.684	-1.268093	1.932675
76248	0	(empty)				
76275	0	(empty)				
76364	-.8009296	1.135397	-0.71	0.481	-3.026266	1.424407
76520	1.024521	.3951548	2.59	0.010	.2500318	1.79901
76563	.4930321	.8126236	0.61	0.544	-1.099681	2.085745
76736	1.879159	.8262853	2.27	0.023	.2596694	3.498648
76834	1.067566	.5908917	1.81	0.071	-.0905602	2.225693
76892	.2769441	.6315945	0.44	0.661	-.9609583	1.514847
mesano						

200810	-.0876609	.9282213	-0.09	0.925	-1.906941	1.731619
200811	-.1280137	.9125356	-0.14	0.888	-1.916551	1.660523
200812	-.3692989	.9161911	-0.40	0.687	-2.165	1.426403
201308	0	(empty)				
201310	-.5604752	.9501819	-0.59	0.555	-2.422797	1.301847
201311	-.7793497	.951856	-0.82	0.413	-2.644953	1.086254
201312	-.3921616	.9505396	-0.41	0.680	-2.255185	1.470862
estrato_						
3	-.018591	.1032264	-0.18	0.857	-.220911	.1837289
4-6	.4575916	.1697899	2.70	0.007	.1248095	.7903736
sexo						
Male	.9476518	.0893068	10.61	0.000	.7726137	1.12269
grupo_edad1						
10-25	0	(omitted)				
educ						
Primary	-.1437025	.1969663	-0.73	0.466	-.5297494	.2423444
Secondary	-.3002897	.2217889	-1.35	0.176	-.734988	.1344085
Tertiary	-.2418322	.2113712	-1.14	0.253	-.6561123	.1724478
jefeH	-.2404639	.1131941	-2.12	0.034	-.4623202	-.0186076
ocupa						
Working	.4077775	.1199114	3.40	0.001	.1727555	.6427994
Unemployed	.6636095	.1631473	4.07	0.000	.3438467	.9833722
Studying	-.1699745	.1477961	-1.15	0.250	-.4596496	.1197006
civil	.0686204	.1323356	0.52	0.604	-.1907526	.3279933
alcoholP	1.540085	.0911679	16.89	0.000	1.361399	1.718771
marijuanaEver	2.094802	.1106752	18.93	0.000	1.877883	2.311721
_cons	-2.927568	1.614493	-1.81	0.070	-6.091916	.2367802

```
218                margins, dydx(p_cig) post

Average marginal effects                        Number of obs     =     10,869
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : p_cig
```

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	-.004522	.006116	-0.74	0.460	-.016509	.0074651

```
219                get_lincomest , reg(r3_in) test( _b[p_cig] *($precio/$prev_g)) name(
> pe_g)
Confidence interval for formula:
_b[p_cig]*(13.9154879735949/.1733135141955712)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.3630732	.491056	-0.74	0.460	-1.325525	.5993789

```
(results r3_in are active now)

added scalar:
               e(pe_g) =  -.36307315

added scalar:
             e(pe_g_p) =  .459681
```

```
220
221               logit smokenP pcigXmale pcigXfemale  $controls  $fex $conda , r

  note: 5079.municipi != 0 predicts failure perfectly
        5079.municipi dropped and 1 obs not used

  note: 5308.municipi != 0 predicts failure perfectly
        5308.municipi dropped and 6 obs not used

  note: 5380.municipi != 0 predicts failure perfectly
        5380.municipi dropped and 3 obs not used

  note: 5837.municipi != 0 predicts failure perfectly
        5837.municipi dropped and 47 obs not used

  note: 8078.municipi != 0 predicts failure perfectly
        8078.municipi dropped and 13 obs not used

  note: 13052.municipi != 0 predicts failure perfectly
        13052.municipi dropped and 17 obs not used

  note: 13244.municipi != 0 predicts failure perfectly
        13244.municipi dropped and 39 obs not used

  note: 13430.municipi != 0 predicts failure perfectly
        13430.municipi dropped and 48 obs not used

  note: 23807.municipi != 0 predicts failure perfectly
        23807.municipi dropped and 30 obs not used

  note: 54498.municipi != 0 predicts failure perfectly
        54498.municipi dropped and 36 obs not used

  note: 76248.municipi != 0 predicts failure perfectly
        76248.municipi dropped and 7 obs not used

  note: 76275.municipi != 0 predicts failure perfectly
        76275.municipi dropped and 30 obs not used

  note: 201308.mesano != 0 predicts failure perfectly
        201308.mesano dropped and 1 obs not used

  note: 1.grupo_edad1 omitted because of collinearity
  Iteration 0:   log pseudolikelihood = -2874.7502
  Iteration 1:   log pseudolikelihood = -2721.3539
  Iteration 2:   log pseudolikelihood = -2373.5529
  Iteration 3:   log pseudolikelihood =  -2230.129
  Iteration 4:   log pseudolikelihood = -2145.2983
  Iteration 5:   log pseudolikelihood = -2144.3088
  Iteration 6:   log pseudolikelihood = -2144.3079
  Iteration 7:   log pseudolikelihood = -2144.3079

  Logistic regression                             Number of obs     =     10,869
                                                  Wald chi2(85)     =    1226.03
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -2144.3079               Pseudo R2         =     0.2541

------------------------------------------------------------------------------
             |               Robust
     smokenP |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    pcigXmale |  -.0942854   .1145264    -0.82   0.410     -.318753    .1301822
  pcigXfemale |  -.0597963   .1143186    -0.52   0.601    -.2838567     .164264
              |
     municipi |
        5045 |  -.3225303   .4713566    -0.68   0.494    -1.246372    .6013117
        5079 |           0  (empty)
        5088 |  -.6688975   .4348285    -1.54   0.124    -1.521146    .1833507
        5129 |   1.917439    .928374     2.07   0.039     .0978598    3.737019
        5147 |  -.5656827    1.22707    -0.46   0.645    -2.970695    1.839329
        5154 |  -1.169687   .8724482    -1.34   0.180    -2.879654    .5402802
        5172 |  -.9048942   .9816073    -0.92   0.357    -2.828809    1.019021
```

5212	.689367	.9482463	0.73	0.467	-1.169162	2.547896
5266	-.6147319	.8771409	-0.70	0.483	-2.333896	1.104433
5308	0	(empty)				
5360	.6322274	.4626548	1.37	0.172	-.2745594	1.539014
5376	1.022734	.6844038	1.49	0.135	-.3186729	2.364141
5380	0	(empty)				
5440	-1.512962	1.076318	-1.41	0.160	-3.622505	.596582
5579	-.6781491	1.008129	-0.67	0.501	-2.654046	1.297748
5615	.1086022	.7151201	0.15	0.879	-1.293007	1.510212
5631	1.061939	.9116484	1.16	0.244	-.7248593	2.848737
5837	0	(empty)				
8001	-.2890992	.4585241	-0.63	0.528	-1.18779	.6095916
8078	0	(empty)				
8433	.0271164	1.125907	0.02	0.981	-2.179621	2.233854
8638	.4712814	1.082732	0.44	0.663	-1.650835	2.593398
8758	-.408498	.5263657	-0.78	0.438	-1.440156	.6231598
11001	1.151915	.5168204	2.23	0.026	.1389656	2.164864
13001	-.2059283	.2706161	-0.76	0.447	-.7363261	.3244695
13052	0	(empty)				
13244	0	(empty)				
13430	0	(empty)				
13836	-.0388113	.9124036	-0.04	0.966	-1.827089	1.749467
17001	.4259105	.2545395	1.67	0.094	-.0729778	.9247988
17174	.7422759	.5916774	1.25	0.210	-.4173905	1.901942
17380	.9680634	.4813351	2.01	0.044	.0246639	1.911463
17873	1.468231	.5376851	2.73	0.006	.4143879	2.522075
23001	.205921	.3134987	0.66	0.511	-.4085251	.8203671
23162	-.6267725	1.001507	-0.63	0.531	-2.589691	1.336146
23417	.4614451	.7948825	0.58	0.562	-1.096496	2.019386
23466	-.6552828	1.166024	-0.56	0.574	-2.940648	1.630082
23555	-1.018608	.7846969	-1.30	0.194	-2.556585	.5193699
23660	.0498793	.7855331	0.06	0.949	-1.489737	1.589496
23807	0	(empty)				
41001	.1637396	.4757805	0.34	0.731	-.7687731	1.096252
41298	.9520772	.6562773	1.45	0.147	-.3342026	2.238357
41551	-.4163756	.7956948	-0.52	0.601	-1.975909	1.143158
50001	.7398955	.4645217	1.59	0.111	-.1705503	1.650341
50006	1.13025	.6546313	1.73	0.084	-.1528036	2.413304
50313	-.0521164	.8617123	-0.06	0.952	-1.741042	1.636809
52001	1.294468	.3645601	3.55	0.000	.579943	2.008992
52356	-.0062514	.7035871	-0.01	0.993	-1.385257	1.372754
52835	-1.074371	1.09558	-0.98	0.327	-3.22167	1.072927
54001	.5750532	.352706	1.63	0.103	-.1162378	1.266344
54405	.2710368	1.153076	0.24	0.814	-1.98895	2.531024
54498	0	(empty)				
54518	1.101188	.6839928	1.61	0.107	-.2394131	2.441789
54874	.6882588	.6668548	1.03	0.302	-.6187526	1.99527
66001	.1743312	.5965367	0.29	0.770	-.9948592	1.343522
66170	.7026086	.6033345	1.16	0.244	-.4799053	1.885122
66400	.3669775	1.226268	0.30	0.765	-2.036464	2.770419
66682	.3818732	.7878788	0.48	0.628	-1.162341	1.926087
68001	.3298832	.4616581	0.71	0.475	-.5749499	1.234716
68081	1.059477	.5596835	1.89	0.058	-.0374828	2.156436
68276	.6051058	.5213544	1.16	0.246	-.4167301	1.626942
68307	.7051045	.7626803	0.92	0.355	-.7897215	2.199931
68547	1.507796	.6496577	2.32	0.020	.2344903	2.781102
68679	2.150315	1.057244	2.03	0.042	.0781541	4.222476
76001	.3942215	.3207724	1.23	0.219	-.2344808	1.022924
76109	-1.168617	.7439909	-1.57	0.116	-2.626813	.2895781
76111	.2501013	.8455449	0.30	0.767	-1.407136	1.907339
76147	.3294973	.8191353	0.40	0.687	-1.275978	1.934973
76248	0	(empty)				
76275	0	(empty)				
76364	-.8031731	1.135743	-0.71	0.479	-3.029188	1.422842
76520	1.016337	.3953337	2.57	0.010	.2414968	1.791177
76563	.4934093	.8143224	0.61	0.545	-1.102633	2.089452
76736	1.872163	.8225292	2.28	0.023	.2600356	3.484291
76834	1.064453	.5918718	1.80	0.072	-.0955945	2.2245
76892	.2720941	.6297676	0.43	0.666	-.9622278	1.506416
mesano						
200810	-.0859848	.926739	-0.09	0.926	-1.90236	1.73039

200811	-.1314321	.9109154	-0.14	0.885	-1.916793	1.653929
200812	-.373114	.9145708	-0.41	0.683	-2.16564	1.419412
201308	0	(empty)				
201310	-.571268	.9483191	-0.60	0.547	-2.429939	1.287403
201311	-.7892363	.9497846	-0.83	0.406	-2.65078	1.072307
201312	-.4015879	.9486061	-0.42	0.672	-2.260822	1.457646
estrato_						
3	-.0199746	.1033555	-0.19	0.847	-.2225476	.1825984
4-6	.4573378	.1700771	2.69	0.007	.1239928	.7906829
sexo						
Male	1.460993	.5954239	2.45	0.014	.293984	2.628003
grupo_edad1						
10-25	0	(omitted)				
educ						
Primary	-.1410725	.1969804	-0.72	0.474	-.527147	.2450021
Secondary	-.3013501	.2219098	-1.36	0.174	-.7362853	.1335851
Tertiary	-.2412773	.2113345	-1.14	0.254	-.6554854	.1729307
jefeH	-.2423477	.1130756	-2.14	0.032	-.4639717	-.0207237
ocupa						
Working	.4050629	.1199142	3.38	0.001	.1700353	.6400905
Unemployed	.658151	.1636349	4.02	0.000	.3374324	.9788696
Studying	-.1747609	.148014	-1.18	0.238	-.464863	.1153412
civil	.0692063	.132232	0.52	0.601	-.1899637	.3283762
alcoholP	1.540702	.0911521	16.90	0.000	1.362047	1.719357
marijuanaEver	2.098116	.1109343	18.91	0.000	1.880689	2.315543
_cons	-3.267332	1.644339	-1.99	0.047	-6.490176	-.0444872

```
222               margins, dydx(pcigXmale pcigXfemale) post

Average marginal effects                        Number of obs     =     10,869
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : pcigXmale pcigXfemale
```

	dy/dx	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	-.0051006	.0061949	-0.82	0.410	-.0172424	.0070411
pcigXfemale	-.0032349	.006183	-0.52	0.601	-.0153533	.0088835

```
223               get_lincomest , reg(r7_in) test("_b[pcigXmale]  *($precio/$prev_in_m
> )-_b[pcigXfemale]*($precio/$prev_in_f)")  name(test5)
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.2156621425436738)-_b[pcigXfemale]*(13.9154879735949/.
> 0845452744729522)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.2033158	.6563079	0.31	0.757	-1.083024	1.489656

```
(results r7_in are active now)

added scalar:
             e(test5) =  .20331582

added scalar:
           e(test5_p) =  .75672274
```

```
224                get_lincomest , reg(r7_in) test("_b[pcigXmale]  *($precio/$prev_in_m
  > )")    name(pe_m)
  Confidence interval for formula:
  _b[pcigXmale]*(13.9154879735949/.2156621425436738)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.3291165    .399722    -0.82   0.410    -1.112557    .4543243
------------------------------------------------------------------------------

  (results r7_in are active now)

  added scalar:
               e(pe_m) =  -.32911649

  added scalar:
             e(pe_m_p) =  .41030138
225                get_lincomest , reg(r7_in) test("_b[pcigXfemale]*($precio/$prev_in_f
  > )") name(pe_f)
  Confidence interval for formula:
  _b[pcigXfemale]*(13.9154879735949/.0845452744729522)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.5324323   1.017668    -0.52   0.601    -2.527025    1.462161
------------------------------------------------------------------------------

  (results r7_in are active now)

  added scalar:
               e(pe_f) =  -.53243231

  added scalar:
             e(pe_f_p) =  .60084308
226
227                logit smokenP pcigXest1 pcigXest2 pcigXest3 $controls  $fex $conda ,
  >  r

  note: 5079.municipi != 0 predicts failure perfectly
        5079.municipi dropped and 1 obs not used

  note: 5308.municipi != 0 predicts failure perfectly
        5308.municipi dropped and 6 obs not used

  note: 5380.municipi != 0 predicts failure perfectly
        5380.municipi dropped and 3 obs not used

  note: 5837.municipi != 0 predicts failure perfectly
        5837.municipi dropped and 47 obs not used

  note: 8078.municipi != 0 predicts failure perfectly
        8078.municipi dropped and 13 obs not used

  note: 13052.municipi != 0 predicts failure perfectly
        13052.municipi dropped and 17 obs not used

  note: 13244.municipi != 0 predicts failure perfectly
        13244.municipi dropped and 39 obs not used

  note: 13430.municipi != 0 predicts failure perfectly
        13430.municipi dropped and 48 obs not used

  note: 23807.municipi != 0 predicts failure perfectly
        23807.municipi dropped and 30 obs not used

  note: 54498.municipi != 0 predicts failure perfectly
        54498.municipi dropped and 36 obs not used

  note: 76248.municipi != 0 predicts failure perfectly
        76248.municipi dropped and 7 obs not used
```

```
note: 76275.municipi != 0 predicts failure perfectly
      76275.municipi dropped and 30 obs not used

note: 201308.mesano != 0 predicts failure perfectly
      201308.mesano dropped and 1 obs not used

note: 1.grupo_edad1 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -2874.7502
Iteration 1:   log pseudolikelihood = -2719.3004
Iteration 2:   log pseudolikelihood = -2369.5294
Iteration 3:   log pseudolikelihood = -2224.5548
Iteration 4:   log pseudolikelihood = -2142.7394
Iteration 5:   log pseudolikelihood = -2141.8713
Iteration 6:   log pseudolikelihood = -2141.8705
Iteration 7:   log pseudolikelihood = -2141.8705

Logistic regression                             Number of obs     =     10,869
                                                Wald chi2(86)     =   1237.77
                                                Prob > chi2       =    0.0000
Log pseudolikelihood = -2141.8705               Pseudo R2         =    0.2549
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0546014	.1136426	-0.48	0.631	-.2773367	.1681339
pcigXest2	-.1187924	.1183189	-1.00	0.315	-.3506931	.1131083
pcigXest3	-.2196815	.130946	-1.68	0.093	-.476331	.0369681
municipi						
5045	-.2789867	.4696637	-0.59	0.553	-1.199511	.6415373
5079	0	(empty)				
5088	-.6628043	.4342131	-1.53	0.127	-1.513846	.1882378
5129	1.930776	.933003	2.07	0.039	.1021241	3.759429
5147	-.4657301	1.228411	-0.38	0.705	-2.873371	1.941911
5154	-1.064866	.8710876	-1.22	0.222	-2.772167	.6424338
5172	-.8292353	.9855238	-0.84	0.400	-2.760826	1.102356
5212	.7398767	.9618198	0.77	0.442	-1.145256	2.625009
5266	-.6887303	.8822596	-0.78	0.435	-2.417927	1.040467
5308	0	(empty)				
5360	.603381	.4629458	1.30	0.192	-.303976	1.510738
5376	1.002351	.6882275	1.46	0.145	-.3465498	2.351252
5380	0	(empty)				
5440	-1.531448	1.121194	-1.37	0.172	-3.728947	.6660517
5579	-.605509	.9987281	-0.61	0.544	-2.56298	1.351962
5615	.0843819	.7108015	0.12	0.906	-1.308764	1.477527
5631	.9976158	.913327	1.09	0.275	-.7924722	2.787704
5837	0	(empty)				
8001	-.2682121	.4568876	-0.59	0.557	-1.163695	.627271
8078	0	(empty)				
8433	.029977	1.125942	0.03	0.979	-2.176829	2.236783
8638	.4526397	1.09286	0.41	0.679	-1.689326	2.594606
8758	-.4097858	.5248449	-0.78	0.435	-1.438463	.6188913
11001	1.168371	.5153238	2.27	0.023	.1583552	2.178387
13001	-.1591399	.2719343	-0.59	0.558	-.6921212	.3738415
13052	0	(empty)				
13244	0	(empty)				
13430	0	(empty)				
13836	.0473644	.9179783	0.05	0.959	-1.75184	1.846569
17001	.3389969	.2573049	1.32	0.188	-.1653115	.8433052
17174	.6998147	.6021207	1.16	0.245	-.4803202	1.87995
17380	1.045022	.4794871	2.18	0.029	.1052444	1.984799
17873	1.51569	.5325752	2.85	0.004	.4718618	2.559518
23001	.2588241	.3147009	0.82	0.411	-.3579784	.8756265
23162	-.5445366	1.001817	-0.54	0.587	-2.508063	1.418989
23417	.5239593	.778459	0.67	0.501	-1.001792	2.049711
23466	-.6111321	1.177251	-0.52	0.604	-2.918502	1.696238
23555	-.9215698	.7896332	-1.17	0.243	-2.469222	.6260828
23660	.158027	.7790638	0.20	0.839	-1.36891	1.684964
23807	0	(empty)				
41001	.1620825	.4780066	0.34	0.735	-.7747933	1.098958
41298	.969572	.6507841	1.49	0.136	-.3059414	2.245085

41551	-.3934265	.7925608	-0.50	0.620	-1.946817	1.159964
50001	.7578517	.4630299	1.64	0.102	-.1496702	1.665374
50006	1.135073	.657931	1.73	0.084	-.1544483	2.424594
50313	-.083336	.8644407	-0.10	0.923	-1.777609	1.610937
52001	1.318685	.3630648	3.63	0.000	.6070912	2.030279
52356	-.028768	.690707	-0.04	0.967	-1.382529	1.324993
52835	-1.026915	1.103343	-0.93	0.352	-3.189427	1.135596
54001	.6040688	.3519868	1.72	0.086	-.0858128	1.29395
54405	.3221053	1.150512	0.28	0.780	-1.932857	2.577068
54498	0	(empty)				
54518	1.106314	.6856858	1.61	0.107	-.2376051	2.450234
54874	.726507	.6698579	1.08	0.278	-.5863904	2.039404
66001	.1867006	.5967399	0.31	0.754	-.982888	1.356289
66170	.6937819	.6044526	1.15	0.251	-.4909234	1.878487
66400	.3645338	1.226483	0.30	0.766	-2.039329	2.768396
66682	.4571112	.7884511	0.58	0.562	-1.088225	2.002447
68001	.3899366	.4623886	0.84	0.399	-.5163284	1.296202
68081	1.134571	.559051	2.03	0.042	.0388512	2.230291
68276	.6175498	.5202294	1.19	0.235	-.4020811	1.637181
68307	.7269204	.7626369	0.95	0.341	-.7678205	2.221661
68547	1.53651	.6501467	2.36	0.018	.2622457	2.810774
68679	2.166382	1.058668	2.05	0.041	.0914309	4.241332
76001	.4008248	.3192603	1.26	0.209	-.224914	1.026564
76109	-1.13506	.7467624	-1.52	0.129	-2.598687	.3285675
76111	.2581369	.8443304	0.31	0.760	-1.39672	1.912994
76147	.3350332	.8165869	0.41	0.682	-1.265448	1.935514
76248	0	(empty)				
76275	0	(empty)				
76364	-.7972896	1.136333	-0.70	0.483	-3.024462	1.429883
76520	1.048845	.3944998	2.66	0.008	.2756398	1.822051
76563	.495263	.8155345	0.61	0.544	-1.103155	2.093681
76736	1.901896	.8334939	2.28	0.022	.2682779	3.535514
76834	1.082353	.5920938	1.83	0.068	-.0781294	2.242836
76892	.2825124	.6294218	0.45	0.654	-.9511315	1.516156
mesano						
200810	-.0829043	.9348808	-0.09	0.929	-1.915237	1.749428
200811	-.1332741	.9193377	-0.14	0.885	-1.935143	1.668595
200812	-.3765029	.9229349	-0.41	0.683	-2.185422	1.432416
201308	0	(empty)				
201310	-.5812172	.9565608	-0.61	0.543	-2.456042	1.293607
201311	-.8244072	.9580532	-0.86	0.390	-2.702157	1.053343
201312	-.4285557	.9566638	-0.45	0.654	-2.303582	1.446471
estrato_						
3	.9454335	.7392522	1.28	0.201	-.5034743	2.394341
4-6	2.864086	1.041259	2.75	0.006	.8232555	4.904916
sexo						
Male	.9452662	.0892766	10.59	0.000	.7702874	1.120245
grupo_edad1						
10-25	0	(omitted)				
educ						
Primary	-.1336833	.1979529	-0.68	0.499	-.5216638	.2542973
Secondary	-.3016071	.2227065	-1.35	0.176	-.7381038	.1348897
Tertiary	-.2415956	.21215	-1.14	0.255	-.6574019	.1742108
jefeH	-.2240532	.1128355	-1.99	0.047	-.4452069	-.0028996
ocupa						
Working	.4011877	.1200227	3.34	0.001	.1659475	.6364279
Unemployed	.6701913	.1627692	4.12	0.000	.3511695	.9892132
Studying	-.1949429	.1489074	-1.31	0.190	-.4867961	.0969103
civil	.0614553	.1322869	0.46	0.642	-.1978223	.3207329
alcoholP	1.538544	.0912513	16.86	0.000	1.359695	1.717393
marijuanaEver	2.10715	.1107891	19.02	0.000	1.890007	2.324292
_cons	-3.355572	1.633771	-2.05	0.040	-6.557704	-.1534393

```
228               margins, dydx(pcigXest1 pcigXest2 pcigXest3  ) post

Average marginal effects                        Number of obs     =     10,869
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : pcigXest1 pcigXest2 pcigXest3

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    pcigXest1 |  -.0029509    .006141    -0.48   0.631    -.0149872    .0090853
    pcigXest2 |  -.0064202   .0063955    -1.00   0.315     -.018955    .0061147
    pcigXest3 |  -.0118728     .00707    -1.68   0.093    -.0257297    .0019842
------------------------------------------------------------------------------

229               get_lincomest , reg(r8_in) test("_b[pcigXest1] *($precio/$prev_in_es
> t1)-_b[pcigXest2]*($precio/$prev_in_est2)") name(test3)
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1300657248212628)-_b[pcigXest2]*(13.9154879735949/.15
> 91996123445486)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2454649   .2721623     0.90   0.367    -.2879635    .7788932
------------------------------------------------------------------------------

(results r8_in are active now)

added scalar:
              e(test3) =  .24546486

added scalar:
            e(test3_p) =  .36710678
230               get_lincomest , reg(r8_in) test("_b[pcigXest2] *($precio/$prev_in_es
> t2)-_b[pcigXest3]*($precio/$prev_in_est3)") name(test4)
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1591996123445486)-_b[pcigXest3]*(13.9154879735949/.19
> 76023835220636)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2749177   .3313808     0.83   0.407    -.3745768    .9244121
------------------------------------------------------------------------------

(results r8_in are active now)

added scalar:
              e(test4) =  .27491765

added scalar:
            e(test4_p) =  .40675793
231               get_lincomest , reg(r8_in) test(" _b[pcigXest1]*($precio/$prev_in_es
> t1)") name(pe_est1)
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1300657248212628)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.3157165   .6570187    -0.48   0.631    -1.603449    .9720164
------------------------------------------------------------------------------

(results r8_in are active now)

added scalar:
            e(pe_est1) =  -.31571649

added scalar:
          e(pe_est1_p) =  .63085133
```

```
232                 get_lincomest , reg(r8_in) test(" _b[pcigXest2]*($precio/$prev_in_es
  > t2)") name(pe_est2)
  Confidence interval for formula:
  _b[pcigXest2]*(13.9154879735949/.1591996123445486)

  ------------------------------------------------------------------------------
               |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
  -------------+----------------------------------------------------------------
           (1) |  -.5611813   .5590207    -1.00   0.315    -1.656842    .5344792
  ------------------------------------------------------------------------------

  (results r8_in are active now)

  added scalar:
              e(pe_est2) =  -.56118135

  added scalar:
            e(pe_est2_p) =  .31544369
233                 get_lincomest , reg(r8_in) test(" _b[pcigXest3]*($precio/$prev_in_es
  > t3)") name(pe_est3)
  Confidence interval for formula:
  _b[pcigXest3]*(13.9154879735949/.1976023835220636)

  ------------------------------------------------------------------------------
               |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
  -------------+----------------------------------------------------------------
           (1) |   -.836099   .4978803    -1.68   0.093    -1.811926    .1397284
  ------------------------------------------------------------------------------

  (results r8_in are active now)

  added scalar:
              e(pe_est3) =  -.836099

  added scalar:
            e(pe_est3_p) =  .09309021
234
235                 esttab r3_in r7_in r8_in using "$output/tables/tableME_in.csv", star
  > (* 0.1 ** 0.05 *** 0.001) ///
  >                         stats(  N test5 test5_p test3 test3_p test4 test4_p   ///
  >                                                 pe_g pe_g_p pe_m pe_m_p pe_f pe_f_p pe_est1
  > pe_est1_p pe_est2 pe_est2_p pe_est3 pe_est3_p ///
  >                         ) se keep(p_cig pcigXmale pcigXfemale pcigXest1 pcigXest2 pc
  > igXest3 )  csv replace
  (output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\o
  > utput/tables/tableME_in.csv)
236
237
238                 ** CESSATION
239                 glo controlsC ="$controls  smokStartAge "
240                 glo conda = "if init_smoke>=5 & edad>25 & smokeEver==1"
241
242                 logit smokenP p_cig  $controls $fex  $conda , r

  Iteration 0:   log pseudolikelihood = -8259.5204
  Iteration 1:   log pseudolikelihood = -7603.2031
  Iteration 2:   log pseudolikelihood = -7591.5377
  Iteration 3:   log pseudolikelihood = -7591.4638
  Iteration 4:   log pseudolikelihood = -7591.4636

  Logistic regression                             Number of obs     =     13,001
                                                  Wald chi2(97)     =    1144.25
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -7591.4636               Pseudo R2         =     0.0809
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	-.1541552	.0531762	-2.90	0.004	-.2583786	-.0499319
municipi						
5045	-1.292083	.2948261	-4.38	0.000	-1.869931	-.7142341
5079	1.314011	1.150446	1.14	0.253	-.9408214	3.568843
5088	-.0853643	.1860324	-0.46	0.646	-.449981	.2792525
5129	.7487553	.5130596	1.46	0.144	-.256823	1.754334
5147	-.5973127	.5118058	-1.17	0.243	-1.600434	.4058082
5154	-.7110929	.3511718	-2.02	0.043	-1.399377	-.0228088
5172	-.1593616	.2903904	-0.55	0.583	-.7285163	.4097931
5212	-.7726508	.5647707	-1.37	0.171	-1.879581	.3342795
5266	-.1008854	.3193896	-0.32	0.752	-.7268775	.5251068
5308	1.214532	.7962316	1.53	0.127	-.3460536	2.775117
5360	-.4187405	.2659912	-1.57	0.115	-.9400737	.1025926
5376	-.0492891	.4028443	-0.12	0.903	-.8388495	.7402712
5380	-1.970479	.7373053	-2.67	0.008	-3.415571	-.525387
5440	-.0993756	.42952	-0.23	0.817	-.9412193	.7424682
5579	-.0304451	.527574	-0.06	0.954	-1.064471	1.003581
5615	-.4733599	.3295636	-1.44	0.151	-1.119293	.1725728
5631	-.3942798	.5912395	-0.67	0.505	-1.553088	.7645284
5837	.483512	.5325717	0.91	0.364	-.5603093	1.527333
8001	-.5959901	.2194083	-2.72	0.007	-1.026023	-.1659577
8078	-.8467969	1.138735	-0.74	0.457	-3.078677	1.385083
8433	-.4427532	.5001802	-0.89	0.376	-1.423088	.5375819
8638	.7558962	.5909884	1.28	0.201	-.4024198	1.914212
8758	-.6167113	.2468927	-2.50	0.012	-1.100612	-.1328105
11001	.4543741	.2422256	1.88	0.061	-.0203795	.9291276
13001	-.680799	.1331748	-5.11	0.000	-.9418169	-.4197811
13052	-1.229908	.5293842	-2.32	0.020	-2.267482	-.1923338
13244	.0366459	.3697098	0.10	0.921	-.687972	.7612638
13430	-1.342726	.3885275	-3.46	0.001	-2.104226	-.5812263
13836	-.3657191	.4801556	-0.76	0.446	-1.306807	.5753685
17001	-.1881467	.1097901	-1.71	0.087	-.4033313	.0270379
17174	-.1449871	.3410643	-0.43	0.671	-.8134608	.5234866
17380	-.5384009	.2792713	-1.93	0.054	-1.085763	.0089608
17873	.8115409	.3027687	2.68	0.007	.2181251	1.404957
23001	-1.119333	.1835476	-6.10	0.000	-1.479079	-.759586
23162	-1.7108	.6689612	-2.56	0.011	-3.02194	-.3996603
23417	-.5021353	.4217797	-1.19	0.234	-1.328808	.3245378
23466	-.4314398	.3724489	-1.16	0.247	-1.161426	.2985466
23555	-.4958497	.438195	-1.13	0.258	-1.354696	.3629967
23660	-2.078078	.6370473	-3.26	0.001	-3.326668	-.8294886
23807	-2.079037	1.065927	-1.95	0.051	-4.168216	.0101425
41001	-.0558827	.2351848	-0.24	0.812	-.5168365	.4050711
41298	.144941	.3701879	0.39	0.695	-.5806139	.8704959
41551	-.1022194	.3063588	-0.33	0.739	-.7026715	.4982327
50001	-.0229993	.2370896	-0.10	0.923	-.4876865	.4416878
50006	.6130889	.3970975	1.54	0.123	-.165208	1.391386
50313	-.4618385	.4980017	-0.93	0.354	-1.437904	.5142269
52001	-.1346804	.1765463	-0.76	0.446	-.4807047	.211344
52356	-.2287486	.3356942	-0.68	0.496	-.886697	.4291999
52835	-.6689816	.3629113	-1.84	0.065	-1.380275	.0423116
54001	-.1011602	.1718185	-0.59	0.556	-.4379182	.2355978
54405	-.8431455	.5122727	-1.65	0.100	-1.847182	.1608906
54498	-.0428688	.3878782	-0.11	0.912	-.8030962	.7173586
54518	-.8365903	.5864794	-1.43	0.154	-1.986069	.3128882
54874	.1234876	.3213724	0.38	0.701	-.5063906	.7533659
66001	.2831104	.2758321	1.03	0.305	-.2575106	.8237314
66170	.265983	.3164453	0.84	0.401	-.3542385	.8862044
66400	.7139043	.4988831	1.43	0.152	-.2638886	1.691697
66682	.496273	.4588294	1.08	0.279	-.4030161	1.395562
68001	-.3984966	.2226578	-1.79	0.073	-.834898	.0379047
68081	.0390458	.3048647	0.13	0.898	-.5584781	.6365696
68276	-.2695104	.2729939	-0.99	0.324	-.8045686	.2655477
68307	-.1247924	.3598617	-0.35	0.729	-.8301083	.5805235
68547	-.3875989	.4305953	-0.90	0.368	-1.23155	.4563523
68679	-.0295178	.5304959	-0.06	0.956	-1.069271	1.010235
76001	-.2368096	.1441978	-1.64	0.101	-.5194321	.0458128

76109	-.67966	.3182377	-2.14	0.033	-1.303394	-.0559255
76111	-.3984747	.392413	-1.02	0.310	-1.16759	.3706407
76147	-.1663797	.3090055	-0.54	0.590	-.7720194	.43926
76248	-.0970371	.7926739	-0.12	0.903	-1.650649	1.456575
76275	.0330839	.4258364	0.08	0.938	-.8015401	.8677078
76364	-.1152866	.3598065	-0.32	0.749	-.8204945	.5899212
76520	-.471444	.2143512	-2.20	0.028	-.8915647	-.0513233
76563	.7892252	.3776882	2.09	0.037	.04897	1.52948
76736	1.060884	.7447673	1.42	0.154	-.3988334	2.520601
76834	-.5152296	.3471296	-1.48	0.138	-1.195591	.1651319
76892	-.5590408	.3714119	-1.51	0.132	-1.286995	.1689131
mesano						
200810	.4565183	.4526576	1.01	0.313	-.4306742	1.343711
200811	.3865446	.4457644	0.87	0.386	-.4871374	1.260227
200812	.4698635	.447351	1.05	0.294	-.4069285	1.346655
201310	.3118565	.4603282	0.68	0.498	-.5903702	1.214083
201311	.3039719	.459688	0.66	0.508	-.597	1.204944
201312	.4262339	.4609386	0.92	0.355	-.4771891	1.329657
estrato_						
3	.0141536	.0470267	0.30	0.763	-.0780169	.1063242
4-6	.0579745	.0886073	0.65	0.513	-.1156926	.2316416
sexo						
Male	.2072286	.0457556	4.53	0.000	.1175492	.296908
grupo_edad1						
51-65	-.25568	.0473532	-5.40	0.000	-.3484906	-.1628694
educ						
Primary	-.1280743	.0537121	-2.38	0.017	-.2333482	-.0228005
Secondary	-.3184692	.074987	-4.25	0.000	-.465441	-.1714974
Tertiary	-.6009668	.0678589	-8.86	0.000	-.7339678	-.4679659
jefeH	-.1846455	.0424587	-4.35	0.000	-.2678631	-.101428
ocupa						
Working	.1110788	.0536602	2.07	0.038	.0059067	.2162508
Unemployed	.1737897	.0850017	2.04	0.041	.0071894	.34039
Studying	.1316081	.1633649	0.81	0.420	-.1885813	.4517974
civil	-.3841783	.0409026	-9.39	0.000	-.4643459	-.3040106
alcoholP	.8258463	.0418084	19.75	0.000	.7439034	.9077893
marijuanaEver	.4107768	.0550361	7.46	0.000	.3029081	.5186455
_cons	1.295532	.7618341	1.70	0.089	-.1976354	2.788699

243 `margins, dydx(p_cig) post`

Average marginal effects — Number of obs = **13,001**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **p_cig**

	dy/dx	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_cig	-.0307275	.0105901	-2.90	0.004	-.0514836	-.0099714

```
244                get_lincomest , reg(r3_cess) test( _b[p_cig] *($precio/$prev_cess_g)
  > ) name(pe_g)
  Confidence interval for formula:
  _b[p_cig]*(13.9154879735949/.3818768934543494)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.119702**	**.3858987**	**-2.90**	**0.004**	**-1.87605**	**-.3633545**

```
  (results r3_cess are active now)

  added scalar:
                e(pe_g) =  -1.1197021

  added scalar:
              e(pe_g_p) =  .00371329
245
246                logit smokenP pcigXadulto pcigXviejo $controlsC  $fex $conda, r

  Iteration 0:   log pseudolikelihood = -8251.7769
  Iteration 1:   log pseudolikelihood = -7590.5467
  Iteration 2:   log pseudolikelihood = -7578.3372
  Iteration 3:   log pseudolikelihood = -7578.2625
  Iteration 4:   log pseudolikelihood = -7578.2623

  Logistic regression                             Number of obs     =     12,987
                                                  Wald chi2(99)     =    1149.70
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -7578.2623               Pseudo R2         =     0.0816
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXadulto	**-.1428728**	**.0534009**	**-2.68**	**0.007**	**-.2475367**	**-.038209**
pcigXviejo	**-.1850048**	**.0552057**	**-3.35**	**0.001**	**-.2932061**	**-.0768036**
municipi						
5045	**-1.29866**	**.2950731**	**-4.40**	**0.000**	**-1.876992**	**-.720327**
5079	**1.276621**	**1.124868**	**1.13**	**0.256**	**-.9280802**	**3.481322**
5088	**-.0905702**	**.1861542**	**-0.49**	**0.627**	**-.4554258**	**.2742853**
5129	**.7641548**	**.5184516**	**1.47**	**0.141**	**-.2519916**	**1.780301**
5147	**-.5972791**	**.5129431**	**-1.16**	**0.244**	**-1.602629**	**.408071**
5154	**-.7063829**	**.3482284**	**-2.03**	**0.043**	**-1.388898**	**-.0238679**
5172	**-.1616068**	**.2920628**	**-0.55**	**0.580**	**-.7340393**	**.4108257**
5212	**-.7625389**	**.5623206**	**-1.36**	**0.175**	**-1.864667**	**.3395892**
5266	**-.1171412**	**.3174283**	**-0.37**	**0.712**	**-.7392893**	**.5050069**
5308	**1.215601**	**.7827715**	**1.55**	**0.120**	**-.318603**	**2.749805**
5360	**-.4053196**	**.26574**	**-1.53**	**0.127**	**-.9261604**	**.1155212**
5376	**-.0460304**	**.4010449**	**-0.11**	**0.909**	**-.8320641**	**.7400032**
5380	**-1.977283**	**.7407572**	**-2.67**	**0.008**	**-3.42914**	**-.5254252**
5440	**-.0628986**	**.4245889**	**-0.15**	**0.882**	**-.8950775**	**.7692803**
5579	**-.0254483**	**.5307621**	**-0.05**	**0.962**	**-1.065723**	**1.014826**
5615	**-.4552376**	**.3300868**	**-1.38**	**0.168**	**-1.102196**	**.1917207**
5631	**-.4147543**	**.5888906**	**-0.70**	**0.481**	**-1.568959**	**.7394501**
5837	**.4789348**	**.5317751**	**0.90**	**0.368**	**-.5633253**	**1.521195**
8001	**-.5676166**	**.2203486**	**-2.58**	**0.010**	**-.9994919**	**-.1357413**
8078	**-.8007572**	**1.134845**	**-0.71**	**0.480**	**-3.025012**	**1.423498**
8433	**-.4131608**	**.5025782**	**-0.82**	**0.411**	**-1.398196**	**.5718744**
8638	**.8274911**	**.5969882**	**1.39**	**0.166**	**-.3425842**	**1.997566**
8758	**-.5834792**	**.247357**	**-2.36**	**0.018**	**-1.06829**	**-.0986684**
11001	**.4723278**	**.2425151**	**1.95**	**0.051**	**-.002993**	**.9476485**
13001	**-.6636257**	**.1328363**	**-5.00**	**0.000**	**-.9239802**	**-.4032713**
13052	**-1.208942**	**.5240573**	**-2.31**	**0.021**	**-2.236075**	**-.1818084**
13244	**.0535123**	**.3717683**	**0.14**	**0.886**	**-.6751402**	**.7821648**
13430	**-1.306073**	**.3889825**	**-3.36**	**0.001**	**-2.068464**	**-.5436811**
13836	**-.3266091**	**.4803435**	**-0.68**	**0.497**	**-1.268065**	**.6148469**
17001	**-.1793857**	**.109475**	**-1.64**	**0.101**	**-.3939529**	**.0351814**
17174	**-.1450217**	**.338866**	**-0.43**	**0.669**	**-.8091869**	**.5191435**
17380	**-.5375582**	**.2769106**	**-1.94**	**0.052**	**-1.080293**	**.0051766**
17873	**.8060329**	**.3030447**	**2.66**	**0.008**	**.2120762**	**1.39999**

23001	-1.086719	.1830361	-5.94	0.000	-1.445463	-.7279748
23162	-1.71029	.6677925	-2.56	0.010	-3.019139	-.4014407
23417	-.4888674	.4296143	-1.14	0.255	-1.330896	.3531611
23466	-.4300081	.3686031	-1.17	0.243	-1.152457	.2924408
23555	-.4641154	.4408084	-1.05	0.292	-1.328084	.3998531
23660	-2.042915	.6347883	-3.22	0.001	-3.287077	-.7987528
23807	-2.036193	1.06046	-1.92	0.055	-4.114656	.0422693
41001	-.0313882	.2354949	-0.13	0.894	-.4929497	.4301732
41298	.1693799	.3717205	0.46	0.649	-.5591789	.8979388
41551	-.0855755	.3067598	-0.28	0.780	-.6868137	.5156627
50001	-.0048854	.2373487	-0.02	0.984	-.4700802	.4603094
50006	.6355017	.3969083	1.60	0.109	-.1424243	1.413428
50313	-.4411953	.5021017	-0.88	0.380	-1.425297	.5429059
52001	-.1070209	.1766024	-0.61	0.545	-.4531552	.2391134
52356	-.1780409	.3352118	-0.53	0.595	-.8350438	.4789621
52835	-.6512619	.3646795	-1.79	0.074	-1.366021	.0634967
54001	-.0880176	.171745	-0.51	0.608	-.4246316	.2485964
54405	-.8077456	.51201	-1.58	0.115	-1.811267	.1957756
54498	-.021218	.3846411	-0.06	0.956	-.7751007	.7326647
54518	-.8326817	.5883388	-1.42	0.157	-1.985804	.3204411
54874	.1584067	.3226624	0.49	0.623	-.4740001	.7908134
66001	.3084137	.2760351	1.12	0.264	-.2326052	.8494326
66170	.2936425	.3170926	0.93	0.354	-.3278476	.9151326
66400	.7933432	.509519	1.56	0.119	-.2052957	1.791982
66682	.5438708	.4624685	1.18	0.240	-.3625507	1.450292
68001	-.376098	.2231174	-1.69	0.092	-.8134001	.0612041
68081	.0613732	.3050231	0.20	0.841	-.536461	.6592075
68276	-.2500927	.2733008	-0.92	0.360	-.7857524	.285567
68307	-.1192902	.3606616	-0.33	0.741	-.826174	.5875936
68547	-.3671459	.4308244	-0.85	0.394	-1.211546	.4772545
68679	.063681	.5334118	0.12	0.905	-.981787	1.109149
76001	-.221985	.1443452	-1.54	0.124	-.5048965	.0609265
76109	-.6408282	.3190259	-2.01	0.045	-1.266107	-.0155489
76111	-.3909856	.3925052	-1.00	0.319	-1.160282	.3783104
76147	-.1568575	.3089597	-0.51	0.612	-.7624074	.4486925
76248	-.0751049	.788597	-0.10	0.924	-1.620727	1.470517
76275	.0638309	.4232633	0.15	0.880	-.76575	.8934118
76364	-.080149	.3594408	-0.22	0.824	-.78464	.624342
76520	-.4387089	.2147537	-2.04	0.041	-.8596185	-.0177993
76563	.8110824	.3804517	2.13	0.033	.0654107	1.556754
76736	1.057374	.7484029	1.41	0.158	-.4094685	2.524217
76834	-.4879156	.3471599	-1.41	0.160	-1.168336	.1925053
76892	-.5463548	.3713804	-1.47	0.141	-1.274247	.1815374
mesano						
200810	.3538254	.4495866	0.79	0.431	-.5273482	1.234999
200811	.2839105	.4426152	0.64	0.521	-.5835994	1.15142
200812	.3699643	.4442196	0.83	0.405	-.5006902	1.240619
201310	.2176464	.4572618	0.48	0.634	-.6785702	1.113863
201311	.2116034	.4566254	0.46	0.643	-.683366	1.106573
201312	.3309953	.4579318	0.72	0.470	-.5665346	1.228525
estrato_						
3	.0139702	.0470634	0.30	0.767	-.0782723	.1062128
4-6	.0534559	.08869	0.60	0.547	-.1203733	.227285
sexo						
Male	.1940908	.0461374	4.21	0.000	.1036632	.2845184
grupo_edad1						
51-65	.3825056	.2912529	1.31	0.189	-.1883397	.9533508
educ						
Primary	-.121057	.0539549	-2.24	0.025	-.2268065	-.0153074
Secondary	-.3044539	.0751174	-4.05	0.000	-.4516813	-.1572265
Tertiary	-.5897615	.0680217	-8.67	0.000	-.7230816	-.4564414
jefeH	-.185985	.0425159	-4.37	0.000	-.2693146	-.1026555
ocupa						
Working	.1060882	.0538025	1.97	0.049	.0006372	.2115392
Unemployed	.1695138	.0850203	1.99	0.046	.0028771	.3361506

Studying	.1391381	.1633354	0.85	0.394	-.1809934	.4592695
civil	-.3876388	.0409481	-9.47	0.000	-.4678956	-.3073821
alcoholP	.8257775	.0418466	19.73	0.000	.7437597	.9077953
marijuanaEver	.3982605	.0552348	7.21	0.000	.2900023	.5065187
smokStartAge	-.0116025	.004391	-2.64	0.008	-.0202086	-.0029963
_cons	1.413196	.7686298	1.84	0.066	-.0932908	2.919683

```
247             margins, dydx(pcigXadulto pcigXviejo  ) post

Average marginal effects                        Number of obs     =     12,987
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : pcigXadulto pcigXviejo
```

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXadulto	-.02846	.0106288	-2.68	0.007	-.0492921	-.0076279
pcigXviejo	-.0368526	.0109824	-3.36	0.001	-.0583776	-.0153275

```
248             get_lincomest , reg(r6_cess) test("_b[pcigXadulto] *($precio/$prev_c
> ess_age2)-_b[pcigXviejo]*($precio/$prev_cess_age3)") name(test2)
Confidence interval for formula:
_b[pcigXadulto]*(13.9154879735949/.4239583354031837)-_b[pcigXviejo]*(13.9154879735949/
> .282176133604682)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.8832458	.2465228	3.58	0.000	.4000699	1.366422

```
(results r6_cess are active now)

added scalar:
            e(test2) =  .88324579

added scalar:
          e(test2_p) =  .00033991
249             get_lincomest , reg(r6_cess) test(" _b[pcigXadulto]*($precio/$prev_c
> ess_age2)") name(pe_age2)
Confidence interval for formula:
_b[pcigXadulto]*(13.9154879735949/.4239583354031837)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.9341351	.3488673	-2.68	0.007	-1.617902	-.2503678

```
(results r6_cess are active now)

added scalar:
          e(pe_age2) =  -.93413508

added scalar:
        e(pe_age2_p) =  .00741466
250             get_lincomest , reg(r6_cess) test(" _b[pcigXviejo] *($precio/$prev_c
> ess_age3)") name(pe_age3)
Confidence interval for formula:
_b[pcigXviejo]*(13.9154879735949/.282176133604682)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-1.817381	.5415941	-3.36	0.001	-2.878886	-.7558759

```
(results r6_cess are active now)
```

```
  added scalar:
             e(pe_age3) =  -1.8173809

  added scalar:
           e(pe_age3_p) =  .00079189
251
252                 logit smokenP pcigXmale pcigXfemale  $controlsC  $fex $conda , r

  Iteration 0:   log pseudolikelihood = -8251.7769
  Iteration 1:   log pseudolikelihood = -7589.5214
  Iteration 2:   log pseudolikelihood =  -7577.372
  Iteration 3:   log pseudolikelihood = -7577.2979
  Iteration 4:   log pseudolikelihood = -7577.2977

  Logistic regression                               Number of obs     =     12,987
                                                    Wald chi2(99)     =    1152.60
                                                    Prob > chi2       =     0.0000
  Log pseudolikelihood = -7577.2977                 Pseudo R2         =     0.0817

------------------------------------------------------------------------------
             |               Robust
     smokenP |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   pcigXmale |  -.1373075   .0537199    -2.56   0.011    -.2425965   -.0320185
 pcigXfemale |   -.184757   .0544597    -3.39   0.001    -.2914959    -.078018
             |
    municipi |
        5045 |  -1.286259   .2939831    -4.38   0.000    -1.862455   -.7100625
        5079 |   1.249997   1.159041     1.08   0.281    -1.021682    3.521675
        5088 |  -.0950157    .185074    -0.51   0.608     -.457754    .2677226
        5129 |   .7540559   .5214349     1.45   0.148    -.2679376    1.776049
        5147 |  -.5732953   .5094274    -1.13   0.260    -1.571755     .425164
        5154 |    -.70368   .3489826    -2.02   0.044    -1.387673   -.0196867
        5172 |  -.1603828   .2911794    -0.55   0.582    -.7310839    .4103183
        5212 |  -.7593892   .5632697    -1.35   0.178    -1.863378    .3445991
        5266 |  -.0911319   .3160029    -0.29   0.773    -.7104861    .5282224
        5308 |   1.255371   .8018049     1.57   0.117    -.3161378     2.82688
        5360 |  -.4038921   .2661641    -1.52   0.129    -.9255642    .1177799
        5376 |  -.0622627   .4008838    -0.16   0.877    -.8479806    .7234551
        5380 |  -1.958696   .7411546    -2.64   0.008    -3.411332   -.5060592
        5440 |  -.0583846   .4259086    -0.14   0.891    -.8931501    .7763808
        5579 |  -.0128754    .519732    -0.02   0.980    -1.031531    1.005781
        5615 |  -.4590203   .3261698    -1.41   0.159    -1.098301    .1802607
        5631 |  -.4029238   .5832119    -0.69   0.490    -1.545998    .7401506
        5837 |   .4433602   .5357806     0.83   0.408    -.6067505    1.493471
        8001 |  -.5561672    .220291    -2.52   0.012    -.9879296   -.1244047
        8078 |  -.7758917   1.142802    -0.68   0.497    -3.015742    1.463959
        8433 |  -.4078268    .501865    -0.81   0.416    -1.391464    .5758106
        8638 |   .8281682   .5930637     1.40   0.163    -.3342152    1.990552
        8758 |  -.5684719   .2473205    -2.30   0.022    -1.053211   -.0837326
       11001 |   .4923446   .2426971     2.03   0.042      .016667    .9680221
       13001 |  -.6503807   .1329878    -4.89   0.000    -.9110321   -.3897293
       13052 |  -1.179742   .5245929    -2.25   0.025    -2.207925    -.151559
       13244 |    .069997   .3717065     0.19   0.851    -.6585343    .7985283
       13430 |   -1.29414   .3887351    -3.33   0.001    -2.056047   -.5322328
       13836 |  -.3354782   .4780335    -0.70   0.483    -1.272407    .6014502
       17001 |  -.1751583   .1092365    -1.60   0.109    -.3892579    .0389414
       17174 |  -.1388899    .337601    -0.41   0.681    -.8005757    .5227959
       17380 |  -.5256877   .2760157    -1.90   0.057    -1.066669    .0152931
       17873 |   .8331083   .3026138     2.75   0.006     .2399961    1.426221
       23001 |  -1.082114   .1832348    -5.91   0.000    -1.441247     -.72298
       23162 |  -1.687194   .6674622    -2.53   0.011    -2.995396   -.3789923
       23417 |  -.4530132   .4235885    -1.07   0.285    -1.283231     .377205
       23466 |  -.4286287   .3680917    -1.16   0.244    -1.150075    .2928177
       23555 |  -.4620422   .4371881    -1.06   0.291    -1.318915    .3948307
       23660 |  -2.016504   .6347792    -3.18   0.001    -3.260649   -.7723599
       23807 |  -2.072654   1.055093    -1.96   0.049    -4.140598   -.0047091
       41001 |  -.0193806   .2355534    -0.08   0.934    -.4810568    .4422956
       41298 |   .1773048   .3705572     0.48   0.632     -.548974    .9035836
       41551 |  -.0778452   .3066752    -0.25   0.800    -.6789175    .5232271
       50001 |   .0156768   .2373397     0.07   0.947    -.4495005     .480854
       50006 |    .652279   .3961356     1.65   0.100    -.1241326    1.428691
```

50313	-.4329404	.5001794	-0.87	0.387	-1.413274	.5473933
52001	-.1020709	.1767616	-0.58	0.564	-.4485172	.2443754
52356	-.1931425	.3361769	-0.57	0.566	-.8520372	.4657522
52835	-.6337192	.3633454	-1.74	0.081	-1.345863	.0784248
54001	-.0705967	.1718074	-0.41	0.681	-.4073329	.2661396
54405	-.7938454	.5125978	-1.55	0.121	-1.798519	.2108278
54498	-.0132716	.3843197	-0.03	0.972	-.7665243	.7399811
54518	-.8174087	.5886787	-1.39	0.165	-1.971198	.3363803
54874	.1687136	.3221026	0.52	0.600	-.4625959	.8000231
66001	.3272798	.275862	1.19	0.235	-.2133998	.8679594
66170	.3117913	.317348	0.98	0.326	-.3101993	.9337819
66400	.7693045	.501753	1.53	0.125	-.2141133	1.752722
66682	.5412236	.4564391	1.19	0.236	-.3533807	1.435828
68001	-.3612188	.2231515	-1.62	0.106	-.7985876	.07615
68081	.0717733	.3049065	0.24	0.814	-.5258325	.6693791
68276	-.2402998	.2731848	-0.88	0.379	-.7757321	.2951325
68307	-.1056216	.359834	-0.29	0.769	-.8108833	.5996402
68547	-.3538818	.4316927	-0.82	0.412	-1.199984	.4922203
68679	.0704181	.5335027	0.13	0.895	-.9752281	1.116064
76001	-.2105172	.1443499	-1.46	0.145	-.4934378	.0724034
76109	-.6322862	.3194696	-1.98	0.048	-1.258435	-.0061372
76111	-.3771164	.3921765	-0.96	0.336	-1.145768	.3915353
76147	-.1421912	.309978	-0.46	0.646	-.7497369	.4653545
76248	-.052322	.7925649	-0.07	0.947	-1.605721	1.501077
76275	.0735151	.4259224	0.17	0.863	-.7612774	.9083076
76364	-.0798975	.3586683	-0.22	0.824	-.7828744	.6230794
76520	-.4287221	.2147382	-2.00	0.046	-.8496011	-.0078431
76563	.8232248	.3805581	2.16	0.031	.0773446	1.569105
76736	1.061418	.7540489	1.41	0.159	-.4164907	2.539327
76834	-.4714988	.3471677	-1.36	0.174	-1.151935	.2089374
76892	-.5359847	.3711954	-1.44	0.149	-1.263514	.1915448
mesano						
200810	.362906	.4507606	0.81	0.421	-.5205684	1.24638
200811	.2943597	.4438882	0.66	0.507	-.5756453	1.164365
200812	.3776409	.4454904	0.85	0.397	-.4955042	1.250786
201310	.2351867	.4586067	0.51	0.608	-.663666	1.134039
201311	.2305893	.4579497	0.50	0.615	-.6669756	1.128154
201312	.3467251	.4592912	0.75	0.450	-.5534692	1.246919
estrato_						
3	.0130561	.0470815	0.28	0.782	-.0792219	.1053341
4-6	.0540154	.0886666	0.61	0.542	-.1197679	.2277987
sexo						
Male	-.5243679	.2812335	-1.86	0.062	-1.075575	.0268396
grupo_edad1						
51-65	-.2417129	.0475861	-5.08	0.000	-.3349799	-.1484458
educ						
Primary	-.1182469	.0538901	-2.19	0.028	-.2238695	-.0126243
Secondary	-.3022526	.0750838	-4.03	0.000	-.449414	-.1550911
Tertiary	-.5883517	.0680216	-8.65	0.000	-.7216716	-.4550318
jefeH	-.1726197	.0426487	-4.05	0.000	-.2562095	-.0890298
ocupa						
Working	.1180153	.0540444	2.18	0.029	.0120901	.2239404
Unemployed	.1922537	.0853653	2.25	0.024	.0249408	.3595666
Studying	.1409523	.1637158	0.86	0.389	-.1799248	.4618294
civil	-.3861594	.0409537	-9.43	0.000	-.4664272	-.3058915
alcoholP	.8275393	.0418737	19.76	0.000	.7454684	.9096103
marijuanaEver	.4002039	.0552207	7.25	0.000	.2919733	.5084346
smokStartAge	-.0116876	.0043912	-2.66	0.008	-.0202942	-.0030809
_cons	1.995978	.7817259	2.55	0.011	.4638239	3.528133

```
253               margins, dydx(pcigXmale pcigXfemale) post

Average marginal effects                        Number of obs     =     12,987
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : pcigXmale pcigXfemale

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   pcigXmale |  -.0273463    .010692    -2.56   0.011    -.0483022   -.0063904
 pcigXfemale |  -.0367964   .0108311    -3.40   0.001    -.0580251   -.0155678
------------------------------------------------------------------------------

254               get_lincomest , reg(r7_cess) test("_b[pcigXmale]*($precio/$prev_cess
> _m)-_b[pcigXfemale]*($precio/$prev_cess_f)")  name(test5)
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.4051259084475385)-_b[pcigXfemale]*(13.9154879735949/.
> 3473997813284643)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .5346151    .150747     3.55   0.000     .2391563    .8300739
------------------------------------------------------------------------------

(results r7_cess are active now)

added scalar:
              e(test5) =  .53461507

added scalar:
            e(test5_p) =  .00039048
255               get_lincomest , reg(r7_cess) test(" _b[pcigXmale]*($precio/$prev_ces
> s_m)")    name(pe_m)
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.4051259084475385)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.9393066   .3672539    -2.56   0.011    -1.659111   -.2195023
------------------------------------------------------------------------------

(results r7_cess are active now)

added scalar:
               e(pe_m) =  -.93930664

added scalar:
             e(pe_m_p) =  .01053823
256               get_lincomest , reg(r7_cess) test(" _b[pcigXfemale] *($precio/$prev_
> cess_f)") name(pe_f)
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.3473997813284643)

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -1.473922   .4338533    -3.40   0.001    -2.324259   -.6235848
------------------------------------------------------------------------------

(results r7_cess are active now)

added scalar:
               e(pe_f) =  -1.4739217

added scalar:
             e(pe_f_p) =  .00068059
```

```
257
258
259                 logit smokenP pcigXest1 pcigXest2 pcigXest3  $controlsC  $fex $conda
  >  , r

  Iteration 0:   log pseudolikelihood = -8251.7769
  Iteration 1:   log pseudolikelihood = -7592.1318
  Iteration 2:   log pseudolikelihood = -7580.3064
  Iteration 3:   log pseudolikelihood = -7580.2319
  Iteration 4:   log pseudolikelihood = -7580.2317

  Logistic regression                             Number of obs     =     12,987
                                                  Wald chi2(100)    =    1149.86
                                                  Prob > chi2       =     0.0000
  Log pseudolikelihood = -7580.2317               Pseudo R2         =     0.0814
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.1588054	.0533974	-2.97	0.003	-.2634624	-.0541484
pcigXest2	-.1555742	.0558737	-2.78	0.005	-.2650846	-.0460638
pcigXest3	-.1220666	.0637728	-1.91	0.056	-.2470591	.0029259
municipi						
5045	-1.302925	.294701	-4.42	0.000	-1.880528	-.7253214
5079	1.264139	1.138453	1.11	0.267	-.9671875	3.495466
5088	-.0989799	.1861845	-0.53	0.595	-.4638949	.265935
5129	.7655057	.5235707	1.46	0.144	-.260674	1.791685
5147	-.6090427	.5145851	-1.18	0.237	-1.617611	.3995255
5154	-.7063138	.3500868	-2.02	0.044	-1.392471	-.0201563
5172	-.1741367	.2928699	-0.59	0.552	-.7481512	.3998779
5212	-.7702792	.5624964	-1.37	0.171	-1.872752	.3321935
5266	-.0922623	.3199998	-0.29	0.773	-.7194503	.5349258
5308	1.22757	.7952236	1.54	0.123	-.3310392	2.78618
5360	-.4127794	.2671721	-1.54	0.122	-.936427	.1108683
5376	-.0547868	.4024349	-0.14	0.892	-.8435447	.7339711
5380	-1.976644	.7374112	-2.68	0.007	-3.421943	-.5313445
5440	-.0641358	.4282389	-0.15	0.881	-.9034686	.775197
5579	-.0320795	.5264936	-0.06	0.951	-1.063988	.9998289
5615	-.4606918	.3305658	-1.39	0.163	-1.108589	.1872053
5631	-.4029063	.5946739	-0.68	0.498	-1.568446	.762633
5837	.4686696	.5366488	0.87	0.382	-.5831427	1.520482
8001	-.580173	.2203223	-2.63	0.008	-1.011997	-.1483493
8078	-.8020838	1.138879	-0.70	0.481	-3.034246	1.430079
8433	-.4200926	.5010728	-0.84	0.402	-1.402177	.561992
8638	.8118699	.592198	1.37	0.170	-.3488167	1.972557
8758	-.5922124	.2473094	-2.39	0.017	-1.07693	-.107495
11001	.4644524	.2429102	1.91	0.056	-.0116429	.9405477
13001	-.6721265	.1337823	-5.02	0.000	-.934335	-.4099179
13052	-1.227055	.5270133	-2.33	0.020	-2.259982	-.194128
13244	.04898	.37215	0.13	0.895	-.6804206	.7783807
13430	-1.317136	.3908662	-3.37	0.001	-2.08322	-.5510525
13836	-.3538703	.481951	-0.73	0.463	-1.298477	.5907362
17001	-.174373	.1102059	-1.58	0.114	-.3903726	.0416266
17174	-.149263	.3407207	-0.44	0.661	-.8170633	.5185372
17380	-.5441715	.2788639	-1.95	0.051	-1.090735	.0023917
17873	.8146786	.3038636	2.68	0.007	.2191169	1.41024
23001	-1.104119	.1844265	-5.99	0.000	-1.465588	-.7426494
23162	-1.706581	.6699587	-2.55	0.011	-3.019676	-.3934864
23417	-.4870849	.4263259	-1.14	0.253	-1.322668	.3484986
23466	-.4337978	.3710459	-1.17	0.242	-1.161034	.2934387
23555	-.4634297	.4400969	-1.05	0.292	-1.326004	.3991443
23660	-2.058257	.6387982	-3.22	0.001	-3.310278	-.806235
23807	-2.062096	1.059358	-1.95	0.052	-4.1384	.0142075
41001	-.0413535	.2355166	-0.18	0.861	-.5029576	.4202507
41298	.1563506	.3710454	0.42	0.673	-.5708851	.8835863
41551	-.0921334	.3067235	-0.30	0.764	-.6933005	.5090337
50001	-.0115578	.2375618	-0.05	0.961	-.4771704	.4540547
50006	.6281188	.3976741	1.58	0.114	-.151308	1.407546
50313	-.4499515	.5000408	-0.90	0.368	-1.430013	.5301104
52001	-.1211917	.1769199	-0.69	0.493	-.4679484	.225565

52356	-.198552	.336501	-0.59	0.555	-.8580817	.4609778
52835	-.6552496	.3652677	-1.79	0.073	-1.371161	.0606619
54001	-.0951859	.1722155	-0.55	0.580	-.432722	.2423502
54405	-.8239869	.510956	-1.61	0.107	-1.825442	.1774685
54498	-.032012	.3868429	-0.08	0.934	-.7902101	.7261861
54518	-.8260604	.5897067	-1.40	0.161	-1.981864	.3297435
54874	.1429545	.3235015	0.44	0.659	-.4910968	.7770057
66001	.2874153	.2764442	1.04	0.298	-.2544054	.829236
66170	.2733057	.3170079	0.86	0.389	-.3480183	.8946298
66400	.7570185	.501561	1.51	0.131	-.226023	1.74006
66682	.4952292	.4569714	1.08	0.278	-.4004183	1.390877
68001	-.3964835	.2235214	-1.77	0.076	-.8345774	.0416105
68081	.0427401	.3039441	0.14	0.888	-.5529794	.6384596
68276	-.2598869	.2732178	-0.95	0.341	-.795384	.2756102
68307	-.127167	.3604705	-0.35	0.724	-.8336762	.5793421
68547	-.3747262	.4316646	-0.87	0.385	-1.220773	.4713208
68679	.0405451	.530172	0.08	0.939	-.9985729	1.079663
76001	-.2298473	.1445286	-1.59	0.112	-.5131182	.0534235
76109	-.6532033	.3196707	-2.04	0.041	-1.279746	-.0266603
76111	-.4050412	.3919665	-1.03	0.301	-1.173281	.363199
76147	-.1569014	.3088679	-0.51	0.611	-.7622715	.4484686
76248	-.0782239	.7870073	-0.10	0.921	-1.62073	1.464282
76275	.051644	.4256764	0.12	0.903	-.7826663	.8859543
76364	-.097175	.3583695	-0.27	0.786	-.7995663	.6052164
76520	-.448712	.2149061	-2.09	0.037	-.8699202	-.0275039
76563	.7952497	.380648	2.09	0.037	.0491933	1.541306
76736	1.04558	.7505647	1.39	0.164	-.4254993	2.51666
76834	-.4953773	.3477937	-1.42	0.154	-1.17704	.1862858
76892	-.5564128	.3711346	-1.50	0.134	-1.283823	.1709977
mesano						
200810	.3641995	.4500172	0.81	0.418	-.517818	1.246217
200811	.2934239	.443044	0.66	0.508	-.5749263	1.161774
200812	.3803569	.444658	0.86	0.392	-.4911568	1.251871
201310	.2235362	.4577833	0.49	0.625	-.6737026	1.120775
201311	.2184411	.4570793	0.48	0.633	-.6774179	1.1143
201312	.3395889	.458382	0.74	0.459	-.5588233	1.238001
estrato_						
3	-.0353106	.3177662	-0.11	0.912	-.6581208	.5874997
4-6	-.4840463	.5676839	-0.85	0.394	-1.596686	.6285936
sexo						
Male	.1936225	.0461013	4.20	0.000	.1032657	.2839793
grupo_edad1						
51-65	-.2441261	.0475525	-5.13	0.000	-.3373274	-.1509248
educ						
Primary	-.1173901	.0538636	-2.18	0.029	-.2229609	-.0118194
Secondary	-.3057196	.075174	-4.07	0.000	-.453058	-.1583812
Tertiary	-.5869743	.0680114	-8.63	0.000	-.7202741	-.4536744
jefeH	-.1838084	.0425547	-4.32	0.000	-.267214	-.1004028
ocupa						
Working	.104786	.0536589	1.95	0.051	-.0003834	.2099555
Unemployed	.1694414	.0850105	1.99	0.046	.0028238	.3360589
Studying	.1238052	.1629975	0.76	0.448	-.1956641	.4432745
civil	-.3876597	.0409528	-9.47	0.000	-.4679257	-.3073937
alcoholP	.8271595	.0418617	19.76	0.000	.7451121	.9092069
marijuanaEver	.3944166	.0553467	7.13	0.000	.285939	.5028942
smokStartAge	-.0115992	.0043921	-2.64	0.008	-.0202076	-.0029909
_cons	1.650281	.7693844	2.14	0.032	.1423152	3.158247

```
260               margins, dydx(pcigXest1 pcigXest2 pcigXest3  ) post

Average marginal effects                        Number of obs     =     12,987
Model VCE    : Robust

Expression   : Pr(smokenP), predict()
dy/dx w.r.t. : pcigXest1 pcigXest2 pcigXest3
```

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0316397**	**.0106289**	**-2.98**	**0.003**	**-.0524719**	**-.0108074**
pcigXest2	**-.0309959**	**.0111218**	**-2.79**	**0.005**	**-.0527941**	**-.0091977**
pcigXest3	**-.02432**	**.012701**	**-1.91**	**0.056**	**-.0492135**	**.0005735**

```
261               get_lincomest , reg(r8_cess) test("_b[pcigXest1]*($precio/$prev_cess
> _est1)-_b[pcigXest2]*($precio/$prev_cess_est2)") name(test3)
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.3692599468545792)-_b[pcigXest2]*(13.9154879735949/.39
> 73698010543839)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.1068896**	**.1496973**	**-0.71**	**0.475**	**-.400291**	**.1865118**

```
(results r8_cess are active now)

added scalar:
             e(test3) =  -.10688959

added scalar:
           e(test3_p) =  .47520368
262               get_lincomest , reg(r8_cess) test("_b[pcigXest2]*($precio/$prev_cess
> _est2)-_b[pcigXest3]*($precio/$prev_cess_est3)") name(test4)
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.3973698010543839)-_b[pcigXest3]*(13.9154879735949/.38
> 59154722698139)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.2085051**	**.2839054**	**-0.73**	**0.463**	**-.7649495**	**.3479392**

```
(results r8_cess are active now)

added scalar:
             e(test4) =  -.20850514

added scalar:
           e(test4_p) =  .46269423
263               get_lincomest , reg(r8_cess) test(" _b[pcigXest1]*($precio/$prev_ces
> s_est1)") name(pe_est1)
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.3692599468545792)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.192335**	**.4005483**	**-2.98**	**0.003**	**-1.977395**	**-.4072744**

```
(results r8_cess are active now)

added scalar:
           e(pe_est1) =  -1.1923346

added scalar:
         e(pe_est1_p) =  .00291316
```

```
264                 get_lincomest , reg(r8_cess) test(" _b[pcigXest2]*($precio/$prev_ces
  > s_est2)") name(pe_est2)
  Confidence interval for formula:
  _b[pcigXest2]*(13.9154879735949/.3973698010543839)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.085445**	**.3894725**	**-2.79**	**0.005**	**-1.848797**	**-.3220929**

```
  (results r8_cess are active now)

  added scalar:
              e(pe_est2) =  -1.085445

  added scalar:
            e(pe_est2_p) =  .00532048
265                 get_lincomest , reg(r8_cess) test(" _b[pcigXest3]*($precio/$prev_ces
  > s_est3)") name(pe_est3)
  Confidence interval for formula:
  _b[pcigXest3]*(13.9154879735949/.3859154722698139)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.8769399**	**.4579766**	**-1.91**	**0.056**	**-1.774558**	**.0206778**

```
  (results r8_cess are active now)

  added scalar:
              e(pe_est3) =  -.87693986

  added scalar:
            e(pe_est3_p) =  .05551628
266
267
268                 esttab r3_cess r6_cess r7_cess r8_cess using "$output/tables/tableME
  > _cess.csv", star(* 0.1 ** 0.05 *** 0.001) ///
  >                       stats(  N test2 test2_p test5 test5_p test3 test3_p test4 te
  > st4_p   ///
  >                                               pe_age2 pe_age2_p pe_age3 pe_age3_p pe_g pe_
  > g_p pe_m pe_m_p pe_f pe_f_p pe_est1 pe_est1_p pe_est2 pe_est2_p pe_est3 pe_est3_p //
  > /
  >                       ) se keep(p_cig pcigXadulto pcigXviejo pcigXmale pcigXfemale
  >  pcigXest1 pcigXest2 pcigXest3 )  csv replace
  (output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\o
  > utput/tables/tableME_cess.csv)
269
270 }

271 *
272
273 cap mat drop bigResults

274 forval j=10(1)16{
    2.
275         recode edad (`j'/25=1 "`j'-25") (26/50=2 "26-50") (51/65=3 "51-65"), g(grupo
  > _edad`j')
    3.          tab grupo_edad`j', g(juv`j'_)
    4.
```

```
276         gen pcigXjoven`j' = p_cig*juv`j'_1
    5.         gen pcigXadulto`j' = p_cig*juv`j'_2
    6.         gen pcigXviejo`j' = p_cig*juv`j'_3
    7.
277         glo fex=""
    8.
278         glo controls="i.municipi i.mesano i.estrato_ i.sexo i.grupo_edad`j' i.educ j
  > efeH i.ocupa civil alcoholP marijuanaEver   "
    9.
279         * Prevalence estimates for the elasticities ..........
280         sum p_cig if year==2008  [iw=exp]
   10.         glo precio = r(mean)
   11.
281         sum smokenP if year==2008  [iw=exp]
   12.         glo prev_g= r(mean)
   13.         sum smokenP if year==2008 & male==1 [iw=exp]
   14.         glo prev_m= r(mean)
   15.         sum smokenP if year==2008 & male==0 [iw=exp]
   16.         glo prev_f= r(mean)
   17.         sum smokenP if year==2008 & juv`j'_1==1 [iw=exp]
   18.         glo prev_age`j'1= r(mean)
   19.         sum smokenP if year==2008 & juv`j'_2==1 [iw=exp]
   20.         glo prev_age`j'2= r(mean)
   21.         sum smokenP if year==2008 & juv`j'_3==1 [iw=exp]
   22.         glo prev_age`j'3= r(mean)
   23.         sum smokenP if year==2008 & estrato_==1 [iw=exp]
   24.         glo prev_est1= r(mean)
   25.         sum smokenP if year==2008 & estrato_==2 [iw=exp]
   26.         glo prev_est2= r(mean)
   27.         sum smokenP if year==2008 & estrato_==3 [iw=exp]
   28.         glo prev_est3= r(mean)
   29.
282
283         * ....................................................
284
285                 logit smokenP pcigXjoven`j' pcigXadulto`j' pcigXviejo`j' $controls
  > $fex if edad>`j', r
   30.                 margins, dydx(pcigXjoven`j' pcigXadulto`j' pcigXviejo`j' ) post
   31.                 loc bpcigXjoven`j'  = _b[pcigXjoven`j']
   32.                 loc sepcigXjoven`j'  = _se[pcigXjoven`j']
   33.                 loc bpcigXadulto`j'  = _b[pcigXadulto`j']
   34.                 loc sepcigXadulto`j'  = _se[pcigXadulto`j']
   35.                 loc bpcigXviejo`j'  = _b[pcigXviejo`j']
   36.                 loc sepcigXviejo`j'  = _se[pcigXviejo`j']
   37.
286                 get_lincomest , reg(r6`j') test("_b[pcigXjoven`j']*($precio/$prev_ag
  > e`j'1)-_b[pcigXadulto`j']*($precio/$prev_age`j'2)") name(test1`j')
   38.                 get_lincomest , reg(r6`j') test("_b[pcigXadulto`j']*($precio/$pre
  > v_age`j'2)-_b[pcigXviejo`j']*($precio/$prev_age`j'3)") name(test2`j')
   39.                 get_lincomest , reg(r6`j') test(" _b[pcigXjoven`j'] *($precio/$pr
  > ev_age`j'1)") name(pe_age`j'1)
   40.                 get_lincomest , reg(r6`j') test(" _b[pcigXadulto`j']*($precio/$pr
  > ev_age`j'2)") name(pe_age`j'2)
   41.                 get_lincomest , reg(r6`j') test(" _b[pcigXviejo`j'] *($precio/$pr
  > ev_age`j'3)") name(pe_age`j'3)
   42.
287                 logit smokenP pcigXmale pcigXfemale $controls $fex if edad>`j', r
   43.                 margins, dydx(pcigXmale pcigXfemale  ) post
   44.                 get_lincomest , reg(r7`j') test("_b[pcigXmale]*($precio/$prev_m)-
  > _b[pcigXfemale]*($precio/$prev_f)")  name(test5`j')
   45.                 get_lincomest , reg(r7`j') test(" _b[pcigXmale]*($precio/$prev_m)
  > ")    name(pe_m`j')
   46.                 get_lincomest , reg(r7`j') test(" _b[pcigXfemale] *($precio/$prev
  > _f)") name(pe_f`j')
   47.
```

```
288               logit smokenP pcigXest1 pcigXest2 pcigXest3 $controls  $fex  if edad
  > >`j', r
  48.                 margins, dydx(pcigXest1 pcigXest2 pcigXest3 ) post
  49.                 get_lincomest , reg(r8`j') test("_b[pcigXest1]*($precio/$prev_est
  > 1)-_b[pcigXest2]*($precio/$prev_est2)") name(test3`j')
  50.                 get_lincomest , reg(r8`j') test("_b[pcigXest2]*($precio/$prev_est
  > 2)-_b[pcigXest3]*($precio/$prev_est3)") name(test4`j')
  51.                 get_lincomest , reg(r8`j') test(" _b[pcigXest1]*($precio/$prev_es
  > t1)") name(pe_est1`j')
  52.                 get_lincomest , reg(r8`j') test(" _b[pcigXest2]*($precio/$prev_es
  > t2)") name(pe_est2`j')
  53.                 get_lincomest , reg(r8`j') test(" _b[pcigXest3]*($precio/$prev_es
  > t3)") name(pe_est3`j')
  54.
289
290               esttab r6`j' r7`j' r8`j' using "$output/tables/tableME`j'.csv", star
  > (* 0.1 ** 0.05 *** 0.001) ///
  >                     stats(  N test1`j' test1`j'_p test2`j' test2`j'_p test5`j' t
  > est5`j'_p test3`j' test3`j'_p test4`j' test4`j'_p  ///
  >                                       pe_age`j'1 pe_age`j'1_p pe_age`j'2 pe_age`j'
  > 2_p pe_age`j'3 pe_age`j'3_p pe_m`j' pe_m`j'_p pe_f`j' pe_f`j'_p ///
  >                                       pe_est1`j' pe_est1`j'_p pe_est2`j' pe_est2`j
  > '_p pe_est3`j' pe_est3`j'_p) ///
  >                                       se keep(pcigXjoven`j' pcigXadulto`j' pcigXvi
  > ejo`j' pcigXmale pcigXfemale pcigXest1 pcigXest2 pcigXest3 )  csv replace
  55.
291
292               mat resu = [ `j', `bpcigXjoven`j'',`sepcigXjoven`j'',`bpcigXadulto`j
  > '',`sepcigXadulto`j'',`bpcigXviejo`j'',`sepcigXviejo`j'']
  56.                 mat bigResults =nullmat(bigResults) \ resu
  57. }
(42719 differences between edad and grupo_edad10)
```

RECODE of edad (Age)	Freq.	Percent	Cum.
10-25	**13,093**	**30.65**	**30.65**
26-50	**20,878**	**48.87**	**79.52**
51-65	**8,748**	**20.48**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**6,652**	**5814887**	**.1475886**	**.3546917**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**1,541**	**2701084**	**.1989361**	**.3991999**	**0**	**1**

note: 201308.mesano != 0 predicts failure perfectly
201308.mesano dropped and 1 obs not used

Iteration 0: log pseudolikelihood = **-17338.171**
Iteration 1: log pseudolikelihood = **-15044.26**
Iteration 2: log pseudolikelihood = **-14521.932**
Iteration 3: log pseudolikelihood = **-14514.396**
Iteration 4: log pseudolikelihood = **-14514.322**
Iteration 5: log pseudolikelihood = **-14514.322**

Logistic regression — Number of obs = **42,706**
Wald chi2(**100**) = **4860.29**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14514.322** — Pseudo R2 = **0.1629**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven10	**-.0488246**	**.042255**	**-1.16**	**0.248**	**-.1316429**	**.0339937**
pcigXadulto10	**-.0666719**	**.0409816**	**-1.63**	**0.104**	**-.1469943**	**.0136505**
pcigXviejo10	**-.1590754**	**.0433287**	**-3.67**	**0.000**	**-.2439981**	**-.0741527**
municipi						
5045	**-1.107326**	**.2291388**	**-4.83**	**0.000**	**-1.556429**	**-.6582218**
5079	**-.653493**	**.7570839**	**-0.86**	**0.388**	**-2.13735**	**.8303642**
5088	**-.1532421**	**.150287**	**-1.02**	**0.308**	**-.4477992**	**.1413151**
5129	**.5811213**	**.3620506**	**1.61**	**0.108**	**-.1284849**	**1.290728**
5147	**-.7295872**	**.4118267**	**-1.77**	**0.076**	**-1.536753**	**.0775783**
5154	**-.9732828**	**.3033337**	**-3.21**	**0.001**	**-1.567806**	**-.3787596**
5172	**-.2827745**	**.2473807**	**-1.14**	**0.253**	**-.7676317**	**.2020828**
5212	**-.5136655**	**.3988656**	**-1.29**	**0.198**	**-1.295428**	**.2680967**
5266	**-.3945606**	**.261802**	**-1.51**	**0.132**	**-.9076831**	**.1185619**
5308	**.4131165**	**.5419383**	**0.76**	**0.446**	**-.6490631**	**1.475296**
5360	**-.175489**	**.207475**	**-0.85**	**0.398**	**-.5821326**	**.2311545**
5376	**-.0302239**	**.3173849**	**-0.10**	**0.924**	**-.652287**	**.5918391**
5380	**-2.151394**	**.783658**	**-2.75**	**0.006**	**-3.687335**	**-.6154526**
5440	**-.3306668**	**.3936204**	**-0.84**	**0.401**	**-1.102149**	**.4408151**
5579	**-.3338304**	**.3345709**	**-1.00**	**0.318**	**-.9895774**	**.3219166**
5615	**-.5106892**	**.2884845**	**-1.77**	**0.077**	**-1.076108**	**.05473**
5631	**-.19556**	**.4824705**	**-0.41**	**0.685**	**-1.141185**	**.7500649**
5837	**-.8437792**	**.4095181**	**-2.06**	**0.039**	**-1.64642**	**-.0411386**
8001	**-.8108455**	**.1672201**	**-4.85**	**0.000**	**-1.138591**	**-.4831**
8078	**-1.962277**	**1.062347**	**-1.85**	**0.065**	**-4.044439**	**.1198848**
8433	**-.3873524**	**.3482856**	**-1.11**	**0.266**	**-1.06998**	**.2952748**
8638	**-.3339431**	**.4212401**	**-0.79**	**0.428**	**-1.159559**	**.4916724**
8758	**-.7519781**	**.18794**	**-4.00**	**0.000**	**-1.120334**	**-.3836225**
11001	**.4662471**	**.1851873**	**2.52**	**0.012**	**.1032867**	**.8292075**
13001	**-.7937997**	**.1020712**	**-7.78**	**0.000**	**-.9938556**	**-.5937438**
13052	**-1.276555**	**.4756142**	**-2.68**	**0.007**	**-2.208742**	**-.3443681**
13244	**-.0707787**	**.2747575**	**-0.26**	**0.797**	**-.6092935**	**.4677361**
13430	**-1.438028**	**.3678047**	**-3.91**	**0.000**	**-2.158912**	**-.7171441**
13836	**-.6452797**	**.3804742**	**-1.70**	**0.090**	**-1.390995**	**.100436**
17001	**-.0003746**	**.0862104**	**-0.00**	**0.997**	**-.1693439**	**.1685947**
17174	**.012188**	**.2358637**	**0.05**	**0.959**	**-.4500963**	**.4744724**
17380	**-.1863545**	**.2134062**	**-0.87**	**0.383**	**-.6046231**	**.231914**
17873	**.7220482**	**.2186328**	**3.30**	**0.001**	**.2935358**	**1.150561**
23001	**-.8692172**	**.1379305**	**-6.30**	**0.000**	**-1.139556**	**-.5988784**
23162	**-1.532325**	**.4847249**	**-3.16**	**0.002**	**-2.482369**	**-.5822822**
23417	**-.8310798**	**.3585484**	**-2.32**	**0.020**	**-1.533822**	**-.1283378**

23466	-.4964421	.2901744	-1.71	0.087	-1.065173	.0722893
23555	-.8830721	.3610084	-2.45	0.014	-1.590636	-.1755087
23660	-1.690083	.4262023	-3.97	0.000	-2.525424	-.8547416
23807	-2.367833	1.0218	-2.32	0.020	-4.370524	-.3651418
41001	-.4138995	.1782274	-2.32	0.020	-.7632188	-.0645802
41298	.0118456	.2722114	0.04	0.965	-.5216789	.5453701
41551	-.5185751	.2480489	-2.09	0.037	-1.004742	-.0324081
50001	.0113281	.1762719	0.06	0.949	-.3341584	.3568146
50006	.3104098	.2795617	1.11	0.267	-.237521	.8583406
50313	-.558735	.3811394	-1.47	0.143	-1.305755	.1882845
52001	.3454027	.1372058	2.52	0.012	.0764842	.6143212
52356	-.1837449	.2549203	-0.72	0.471	-.6833796	.3158897
52835	-1.312871	.3067356	-4.28	0.000	-1.914062	-.7116802
54001	-.2067507	.1278262	-1.62	0.106	-.4572854	.043784
54405	-.7868666	.4186086	-1.88	0.060	-1.607324	.0335913
54498	-.4244394	.298009	-1.42	0.154	-1.008526	.1596475
54518	-.166677	.4031874	-0.41	0.679	-.9569097	.6235557
54874	-.0114697	.2319037	-0.05	0.961	-.4659926	.4430532
66001	.0803195	.2075618	0.39	0.699	-.3264942	.4871331
66170	.1560755	.2393535	0.65	0.514	-.3130488	.6251997
66400	.1735571	.3722888	0.47	0.641	-.5561155	.9032297
66682	.1836219	.3584428	0.51	0.608	-.5189131	.8861569
68001	-.3851051	.1710649	-2.25	0.024	-.7203861	-.0498242
68081	-.1525458	.2320485	-0.66	0.511	-.6073526	.302261
68276	-.3713051	.1997673	-1.86	0.063	-.7628418	.0202316
68307	-.3188549	.2824894	-1.13	0.259	-.872524	.2348142
68547	-.3143991	.3257279	-0.97	0.334	-.9528142	.3240159
68679	-.0762189	.4395593	-0.17	0.862	-.9377394	.7853015
76001	-.1870533	.1116496	-1.68	0.094	-.4058824	.0317758
76109	-1.1654	.2610738	-4.46	0.000	-1.677095	-.6537044
76111	-.449977	.3182292	-1.41	0.157	-1.073695	.1737408
76147	-.1229107	.2497263	-0.49	0.623	-.6123653	.3665439
76248	-.4674396	.6642283	-0.70	0.482	-1.769303	.8344238
76275	-.1468333	.3317342	-0.44	0.658	-.7970204	.5033538
76364	-.4072105	.2606348	-1.56	0.118	-.9180454	.1036243
76520	-.2770234	.1625062	-1.70	0.088	-.5955297	.0414829
76563	.1179736	.2575772	0.46	0.647	-.3868683	.6228156
76736	.1049292	.5262547	0.20	0.842	-.9265111	1.136369
76834	-.3622969	.2653151	-1.37	0.172	-.8823049	.1577111
76892	-.4579507	.266052	-1.72	0.085	-.9794031	.0635017
mesano						
200810	.485983	.3690824	1.32	0.188	-.2374053	1.209371
200811	.3851179	.3641839	1.06	0.290	-.3286694	1.098905
200812	.4082576	.3653262	1.12	0.264	-.3077686	1.124284
201308	0	(empty)				
201310	.0914733	.3748786	0.24	0.807	-.6432752	.8262219
201311	-.0002033	.3746391	-0.00	1.000	-.7344823	.7340758
201312	.1557691	.3751455	0.42	0.678	-.5795025	.8910407
estrato_						
3	-.0003676	.0366909	-0.01	0.992	-.0722805	.0715453
4-6	.1384701	.0680781	2.03	0.042	.0050395	.2719007
sexo						
Male	.5555175	.0332521	16.71	0.000	.4903446	.6206903
grupo_edad10						
26-50	.5659593	.2577328	2.20	0.028	.0608123	1.071106
51-65	2.167484	.3158376	6.86	0.000	1.548454	2.786515
educ						
Primary	-.2482579	.0461644	-5.38	0.000	-.3387384	-.1577774
Secondary	-.5073571	.0601417	-8.44	0.000	-.6252327	-.3894815
Tertiary	-.6094529	.0551317	-11.05	0.000	-.717509	-.5013968
jefeH	-.1710377	.0337732	-5.06	0.000	-.2372319	-.1048435
ocupa						
Working	.317202	.0406584	7.80	0.000	.237513	.396891
Unemployed	.5172051	.0613354	8.43	0.000	.3969899	.6374203
Studying	-.4192582	.0753521	-5.56	0.000	-.5669456	-.2715709

civil	-.2663802	.034235	-7.78	0.000	-.3334795	-.1992809
alcoholP	1.167848	.0323901	36.06	0.000	1.104364	1.231331
marijuanaEver	1.341537	.0426423	31.46	0.000	1.25796	1.425114
_cons	-2.094636	.6221275	-3.37	0.001	-3.313984	-.8752886

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven10 pcigXadulto10 pcigXviejo10**

	dy/dx	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven10	-.0049633	.004295	-1.16	0.248	-.0133814	.0034548
pcigXadulto10	-.0067776	.0041654	-1.63	0.104	-.0149417	.0013865
pcigXviejo10	-.0161709	.0044012	-3.67	0.000	-.0247972	-.0075446

Confidence interval for formula:
_b[pcigXjoven10]*(13.9154879735949/101)-_b[pcigXadulto10]*(13.9154879735949/102)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.0002408	.0002342	1.03	0.304	-.0002182	.0006998

(results r610 are active now)

added scalar:
e(test110) = **.00024081**

added scalar:
e(test110_p) = **.30382109**
Confidence interval for formula:
_b[pcigXadulto10]*(13.9154879735949/102)-_b[pcigXviejo10]*(13.9154879735949/103)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.0012601	.0002548	4.95	0.000	.0007607	.0017595

(results r610 are active now)

added scalar:
e(test210) = **.00126008**

added scalar:
e(test210_p) = **7.607e-07**
Confidence interval for formula:
_b[pcigXjoven10]*(13.9154879735949/101)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.0006838	.0005918	-1.16	0.248	-.0018437	.000476

(results r610 are active now)

added scalar:
e(pe_age101) = **-.00068383**

added scalar:
e(pe_age101_p) = **.24784943**
Confidence interval for formula:
_b[pcigXadulto10]*(13.9154879735949/102)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0009246**	**.0005683**	**-1.63**	**0.104**	**-.0020384**	**.0001892**

(results r610 are active now)

added scalar:
e(pe_age102) = **-.00092464**

added scalar:
e(pe_age102_p) = **.10371653**
Confidence interval for formula:
_b[pcigXviejo10]*(13.9154879735949/103)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0021847**	**.0005946**	**-3.67**	**0.000**	**-.0033501**	**-.0010193**

(results r610 are active now)

added scalar:
e(pe_age103) = **-.00218472**

added scalar:
e(pe_age103_p) = **.00023863**

note: 201308.mesano != 0 predicts failure perfectly
201308.mesano dropped and 1 obs not used

Iteration 0: log pseudolikelihood = **-17338.171**
Iteration 1: log pseudolikelihood = **-15055.13**
Iteration 2: log pseudolikelihood = **-14533.571**
Iteration 3: log pseudolikelihood = **-14526.097**
Iteration 4: log pseudolikelihood = **-14526.026**
Iteration 5: log pseudolikelihood = **-14526.025**

Logistic regression — Number of obs = **42,706**
Wald chi2(**99**) = **4872.07**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14526.025** — Pseudo R2 = **0.1622**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0593971**	**.041215**	**-1.44**	**0.150**	**-.140177**	**.0213828**
pcigXfemale	**-.1082427**	**.0411811**	**-2.63**	**0.009**	**-.1889562**	**-.0275291**
municipi						
5045	**-1.106152**	**.2261123**	**-4.89**	**0.000**	**-1.549324**	**-.6629801**
5079	**-.6089814**	**.7599266**	**-0.80**	**0.423**	**-2.09841**	**.8804475**
5088	**-.1629929**	**.1489025**	**-1.09**	**0.274**	**-.4548365**	**.1288507**
5129	**.5962276**	**.3567046**	**1.67**	**0.095**	**-.1029005**	**1.295356**
5147	**-.7030314**	**.4042991**	**-1.74**	**0.082**	**-1.495443**	**.0893803**
5154	**-.9650542**	**.3027957**	**-3.19**	**0.001**	**-1.558523**	**-.3715854**
5172	**-.2773132**	**.2449233**	**-1.13**	**0.258**	**-.7573541**	**.2027277**
5212	**-.5291192**	**.3947541**	**-1.34**	**0.180**	**-1.302823**	**.2445845**
5266	**-.3453184**	**.2607269**	**-1.32**	**0.185**	**-.8563338**	**.165697**
5308	**.432765**	**.5526434**	**0.78**	**0.434**	**-.6503962**	**1.515926**
5360	**-.1649726**	**.2049593**	**-0.80**	**0.421**	**-.5666854**	**.2367403**
5376	**-.037681**	**.3141618**	**-0.12**	**0.905**	**-.6534268**	**.5780647**
5380	**-2.093992**	**.7602691**	**-2.75**	**0.006**	**-3.584092**	**-.6038924**
5440	**-.3105935**	**.390331**	**-0.80**	**0.426**	**-1.075628**	**.4544412**
5579	**-.3377509**	**.3249888**	**-1.04**	**0.299**	**-.9747172**	**.2992155**
5615	**-.4957806**	**.2836674**	**-1.75**	**0.081**	**-1.051758**	**.0601972**
5631	**-.1542727**	**.4736575**	**-0.33**	**0.745**	**-1.082624**	**.7740788**
5837	**-.8713992**	**.4063843**	**-2.14**	**0.032**	**-1.667898**	**-.0749005**
8001	**-.808059**	**.167037**	**-4.84**	**0.000**	**-1.135445**	**-.4806725**
8078	**-1.939747**	**1.062689**	**-1.83**	**0.068**	**-4.022578**	**.1430845**
8433	**-.3889994**	**.3487456**	**-1.12**	**0.265**	**-1.072528**	**.2945294**

8638	-.3336062	.4241866	-0.79	0.432	-1.164997	.4977842
8758	-.7424296	.1878976	-3.95	0.000	-1.110702	-.3741572
11001	.4733469	.1848559	2.56	0.010	.1110361	.8356578
13001	-.7869562	.1011009	-7.78	0.000	-.9851104	-.5888021
13052	-1.215613	.4714499	-2.58	0.010	-2.139638	-.2915884
13244	-.0597459	.2711603	-0.22	0.826	-.5912103	.4717186
13430	-1.408747	.3667039	-3.84	0.000	-2.127473	-.6900203
13836	-.6411813	.3788331	-1.69	0.091	-1.38368	.1013179
17001	.005124	.0852716	0.06	0.952	-.1620053	.1722534
17174	.0277642	.2333	0.12	0.905	-.4294953	.4850237
17380	-.167447	.2092069	-0.80	0.423	-.577485	.242591
17873	.7278621	.217036	3.35	0.001	.3024794	1.153245
23001	-.862997	.1367157	-6.31	0.000	-1.130955	-.5950391
23162	-1.509705	.480633	-3.14	0.002	-2.451728	-.5676814
23417	-.793952	.3498332	-2.27	0.023	-1.479613	-.1082915
23466	-.4957933	.2887548	-1.72	0.086	-1.061742	.0701556
23555	-.887435	.3583687	-2.48	0.013	-1.589825	-.1850453
23660	-1.679944	.4247295	-3.96	0.000	-2.512399	-.84749
23807	-2.422457	1.020469	-2.37	0.018	-4.422539	-.4223741
41001	-.4122038	.1780565	-2.32	0.021	-.7611882	-.0632195
41298	.0239991	.2709789	0.09	0.929	-.5071098	.555108
41551	-.5181473	.2481082	-2.09	0.037	-1.00443	-.0318641
50001	.0204003	.1756832	0.12	0.908	-.3239324	.364733
50006	.3058613	.2805805	1.09	0.276	-.2440664	.855789
50313	-.5420025	.379582	-1.43	0.153	-1.28597	.2019647
52001	.3452088	.1361558	2.54	0.011	.0783483	.6120694
52356	-.1934649	.2542495	-0.76	0.447	-.6917847	.3048548
52835	-1.298553	.3065136	-4.24	0.000	-1.899309	-.6977974
54001	-.2015893	.1273517	-1.58	0.113	-.451194	.0480155
54405	-.7814898	.4183907	-1.87	0.062	-1.601521	.0385409
54498	-.4291399	.2979938	-1.44	0.150	-1.013197	.1549173
54518	-.157187	.4017373	-0.39	0.696	-.9445777	.6302036
54874	-.0055247	.2312502	-0.02	0.981	-.4587668	.4477174
66001	.0852499	.2070948	0.41	0.681	-.3206484	.4911482
66170	.1649088	.2390442	0.69	0.490	-.3036093	.6334269
66400	.1442287	.3709842	0.39	0.697	-.582887	.8713443
66682	.1622613	.3574818	0.45	0.650	-.5383902	.8629129
68001	-.382346	.1708239	-2.24	0.025	-.7171546	-.0475373
68081	-.1486895	.2319652	-0.64	0.522	-.6033329	.305954
68276	-.3685986	.1997374	-1.85	0.065	-.7600767	.0228795
68307	-.3141683	.2822368	-1.11	0.266	-.8673423	.2390056
68547	-.3137703	.3269299	-0.96	0.337	-.9545412	.3270005
68679	-.0875875	.4390646	-0.20	0.842	-.9481383	.7729633
76001	-.1820361	.1112607	-1.64	0.102	-.400103	.0360308
76109	-1.161439	.2607825	-4.45	0.000	-1.672564	-.650315
76111	-.4359496	.3170761	-1.37	0.169	-1.057407	.1855081
76147	-.1150984	.2494855	-0.46	0.645	-.604081	.3738843
76248	-.4647601	.6692044	-0.69	0.487	-1.776377	.8468564
76275	-.1469419	.3309389	-0.44	0.657	-.7955701	.5016864
76364	-.4077193	.2598458	-1.57	0.117	-.9170077	.1015691
76520	-.2729697	.1622076	-1.68	0.092	-.5908907	.0449513
76563	.1138597	.2572573	0.44	0.658	-.3903553	.6180747
76736	.0926903	.527457	0.18	0.861	-.9411063	1.126487
76834	-.3592922	.2642695	-1.36	0.174	-.8772509	.1586665
76892	-.45023	.2640189	-1.71	0.088	-.9676974	.0672375
mesano						
200810	.5037475	.3721689	1.35	0.176	-.2256902	1.233185
200811	.4005113	.3673763	1.09	0.276	-.319533	1.120555
200812	.4198141	.3685158	1.14	0.255	-.3024635	1.142092
201308	0	(empty)				
201310	.1022263	.3779988	0.27	0.787	-.6386377	.8430902
201311	.0110972	.3777817	0.03	0.977	-.7293414	.7515357
201312	.1654981	.3783055	0.44	0.662	-.5759672	.9069633
estrato_3						
3	-.0003392	.0366967	-0.01	0.993	-.0722634	.071585
4-6	.1450195	.0678781	2.14	0.033	.0119808	.2780582
sexo						
Male	-.175411	.2142111	-0.82	0.413	-.595257	.2444351

grupo_edad10						
26-50	.2901977	.0436445	6.65	0.000	.2046561	.3757393
51-65	.5176682	.0526065	9.84	0.000	.4145614	.620775
educ						
Primary	-.2401197	.0461616	-5.20	0.000	-.3305948	-.1496445
Secondary	-.5105728	.0601472	-8.49	0.000	-.6284592	-.3926864
Tertiary	-.6079269	.0552153	-11.01	0.000	-.716147	-.4997069
jefeH	-.1476456	.0338564	-4.36	0.000	-.2140029	-.0812882
ocupa						
Working	.3123727	.0401635	7.78	0.000	.2336537	.3910918
Unemployed	.5224043	.061039	8.56	0.000	.4027702	.6420385
Studying	-.457135	.0725355	-6.30	0.000	-.5993019	-.314968
civil	-.2695547	.0341809	-7.89	0.000	-.3365479	-.2025614
alcoholP	1.166893	.0323568	36.06	0.000	1.103475	1.230311
marijuanaEver	1.340672	.0426188	31.46	0.000	1.25714	1.424203
_cons	-1.228724	.6069289	-2.02	0.043	-2.418283	-.0391655

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	-.0060429	.0041926	-1.44	0.149	-.0142603	.0021745
pcigXfemale	-.0110123	.0041884	-2.63	0.009	-.0192214	-.0028032

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	1.017405	.3034912	3.35	0.001	.4225733	1.612237

(results r710 are active now)

added scalar:
e(test510) = **1.017405**

added scalar:
e(test510_p) = **.00080132**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.3466586	.2405149	-1.44	0.149	-.8180592	.124742

(results r710 are active now)

added scalar:
e(pe_m10) = **-.34665859**

added scalar:
e(pe_m10_p) = **.14949479**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.364064**	**.5188029**	**-2.63**	**0.009**	**-2.380899**	**-.3472286**

(results r710 are active now)

added scalar:
e(pe_f10) = **-1.3640636**

added scalar:
e(pe_f10_p) = **.00855729**

note: 201308.mesano != 0 predicts failure perfectly
201308.mesano dropped and 1 obs not used

Iteration 0: log pseudolikelihood = **-17338.171**
Iteration 1: log pseudolikelihood = **-15059.072**
Iteration 2: log pseudolikelihood = **-14539.37**
Iteration 3: log pseudolikelihood = **-14531.968**
Iteration 4: log pseudolikelihood = **-14531.896**
Iteration 5: log pseudolikelihood = **-14531.896**

Logistic regression — Number of obs = **42,706**
Wald chi2(**100**) = **4861.40**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14531.896** — Pseudo R2 = **0.1619**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0782498**	**.0407202**	**-1.92**	**0.055**	**-.1580599**	**.0015602**
pcigXest2	**-.0820949**	**.0425359**	**-1.93**	**0.054**	**-.1654637**	**.0012739**
pcigXest3	**-.1013424**	**.0494789**	**-2.05**	**0.041**	**-.1983193**	**-.0043655**
municipi						
5045	**-1.119068**	**.2280465**	**-4.91**	**0.000**	**-1.56603**	**-.6721046**
5079	**-.6038879**	**.7642674**	**-0.79**	**0.429**	**-2.101824**	**.8940487**
5088	**-.1597748**	**.1505472**	**-1.06**	**0.289**	**-.4548419**	**.1352923**
5129	**.6168429**	**.3608676**	**1.71**	**0.087**	**-.0904446**	**1.32413**
5147	**-.7248964**	**.4086657**	**-1.77**	**0.076**	**-1.525867**	**.0760737**
5154	**-.9680264**	**.3057236**	**-3.17**	**0.002**	**-1.567234**	**-.3688192**
5172	**-.2781954**	**.2467433**	**-1.13**	**0.260**	**-.7618033**	**.2054125**
5212	**-.5154632**	**.3956051**	**-1.30**	**0.193**	**-1.290835**	**.2599086**
5266	**-.3732169**	**.265026**	**-1.41**	**0.159**	**-.8926584**	**.1462245**
5308	**.4401536**	**.5572474**	**0.79**	**0.430**	**-.6520312**	**1.532338**
5360	**-.1644127**	**.2075358**	**-0.79**	**0.428**	**-.5711755**	**.2423501**
5376	**-.0411275**	**.3175866**	**-0.13**	**0.897**	**-.6635859**	**.5813308**
5380	**-2.115314**	**.7650607**	**-2.76**	**0.006**	**-3.614805**	**-.6158226**
5440	**-.3205032**	**.3982641**	**-0.80**	**0.421**	**-1.101087**	**.4600802**
5579	**-.3423754**	**.3284929**	**-1.04**	**0.297**	**-.9862097**	**.3014589**
5615	**-.4990486**	**.2871563**	**-1.74**	**0.082**	**-1.061865**	**.0637674**
5631	**-.1724876**	**.4828216**	**-0.36**	**0.721**	**-1.118801**	**.7738253**
5837	**-.8574201**	**.4117087**	**-2.08**	**0.037**	**-1.664354**	**-.0504858**
8001	**-.8177943**	**.1671207**	**-4.89**	**0.000**	**-1.145345**	**-.4902438**
8078	**-1.955014**	**1.061889**	**-1.84**	**0.066**	**-4.036278**	**.12625**
8433	**-.3970964**	**.3479949**	**-1.14**	**0.254**	**-1.079154**	**.2849611**
8638	**-.3376716**	**.4226649**	**-0.80**	**0.424**	**-1.16608**	**.4907363**
8758	**-.7541029**	**.1878649**	**-4.01**	**0.000**	**-1.122311**	**-.3858945**
11001	**.4612264**	**.1850458**	**2.49**	**0.013**	**.0985432**	**.8239095**
13001	**-.7974754**	**.1021693**	**-7.81**	**0.000**	**-.9977236**	**-.5972272**
13052	**-1.23333**	**.4736006**	**-2.60**	**0.009**	**-2.16157**	**-.3050895**
13244	**-.062631**	**.2730842**	**-0.23**	**0.819**	**-.5978661**	**.4726042**
13430	**-1.417033**	**.3685218**	**-3.85**	**0.000**	**-2.139322**	**-.6947432**
13836	**-.6502489**	**.3821627**	**-1.70**	**0.089**	**-1.399274**	**.0987761**
17001	**-.0026455**	**.0873752**	**-0.03**	**0.976**	**-.1738977**	**.1686068**
17174	**.0204338**	**.2356168**	**0.09**	**0.931**	**-.4413667**	**.4822343**
17380	**-.1628254**	**.2112139**	**-0.77**	**0.441**	**-.5767969**	**.2511462**
17873	**.7380828**	**.2188286**	**3.37**	**0.001**	**.3091865**	**1.166979**
23001	**-.8735046**	**.1379884**	**-6.33**	**0.000**	**-1.143957**	**-.6030523**
23162	**-1.510379**	**.4830542**	**-3.13**	**0.002**	**-2.457148**	**-.5636101**

23417	-.798852	.3528762	-2.26	0.024	-1.490477	-.1072273
23466	-.5026484	.2920473	-1.72	0.085	-1.075051	.0697537
23555	-.889912	.3612744	-2.46	0.014	-1.597997	-.1818272
23660	-1.695868	.4272759	-3.97	0.000	-2.533313	-.8584227
23807	-2.400261	1.021783	-2.35	0.019	-4.402918	-.3976038
41001	-.4246567	.1782084	-2.38	0.017	-.7739387	-.0753746
41298	.0098184	.2714008	0.04	0.971	-.5221174	.5417542
41551	-.5205378	.2480834	-2.10	0.036	-1.006772	-.0343033
50001	.0094997	.1760589	0.05	0.957	-.3355695	.3545689
50006	.2950399	.2799879	1.05	0.292	-.2537264	.8438061
50313	-.5563951	.3794914	-1.47	0.143	-1.300185	.1873945
52001	.3381773	.1369203	2.47	0.014	.0698184	.6065362
52356	-.1979657	.2548762	-0.78	0.437	-.6975139	.3015824
52835	-1.303398	.3073563	-4.24	0.000	-1.905805	-.7009906
54001	-.2087027	.1279059	-1.63	0.103	-.4593936	.0419883
54405	-.7950818	.4187642	-1.90	0.058	-1.615845	.025681
54498	-.4345239	.2985777	-1.46	0.146	-1.019725	.1506776
54518	-.162866	.4010451	-0.41	0.685	-.9489	.6231681
54874	-.0144529	.2319199	-0.06	0.950	-.4690076	.4401018
66001	.0749402	.2075973	0.36	0.718	-.331943	.4818234
66170	.1493702	.2388706	0.63	0.532	-.3188077	.617548
66400	.1377908	.3699523	0.37	0.710	-.5873024	.8628839
66682	.1556305	.3572085	0.44	0.663	-.5444852	.8557463
68001	-.3843799	.1713095	-2.24	0.025	-.7201404	-.0486195
68081	-.1509349	.2320386	-0.65	0.515	-.6057221	.3038524
68276	-.3729932	.1997777	-1.87	0.062	-.7645503	.018564
68307	-.3260533	.2821951	-1.16	0.248	-.8791456	.227039
68547	-.3202527	.3266278	-0.98	0.327	-.9604315	.3199261
68679	-.0924911	.4396321	-0.21	0.833	-.9541542	.769172
76001	-.1908166	.1115966	-1.71	0.087	-.4095419	.0279087
76109	-1.171925	.2608991	-4.49	0.000	-1.683278	-.6605723
76111	-.4454452	.3171348	-1.40	0.160	-1.067018	.1761276
76147	-.1187642	.2495023	-0.48	0.634	-.6077797	.3702513
76248	-.4670524	.6673838	-0.70	0.484	-1.7751	.8409957
76275	-.1515518	.3318877	-0.46	0.648	-.8020398	.4989361
76364	-.414818	.2598685	-1.60	0.110	-.9241509	.0945149
76520	-.2804437	.162517	-1.73	0.084	-.5989712	.0380838
76563	.108037	.2573831	0.42	0.675	-.3964246	.6124986
76736	.0938487	.5277216	0.18	0.859	-.9404666	1.128164
76834	-.367756	.2647159	-1.39	0.165	-.8865897	.1510777
76892	-.4581663	.2644928	-1.73	0.083	-.9765627	.0602301
mesano						
200810	.510304	.3710634	1.38	0.169	-.216967	1.237575
200811	.4008558	.3662126	1.09	0.274	-.3169077	1.118619
200812	.4205007	.3673616	1.14	0.252	-.2995148	1.140516
201308	0	(empty)				
201310	.0972241	.3768801	0.26	0.796	-.6414474	.8358956
201311	.0055824	.376574	0.01	0.988	-.7324891	.743654
201312	.160841	.3770944	0.43	0.670	-.5782504	.8999324
estrato_						
3	.0576994	.2503264	0.23	0.818	-.4329313	.54833
4-6	.4797278	.4472619	1.07	0.283	-.3968894	1.356345
sexo						
Male	.5564134	.0331957	16.76	0.000	.4913511	.6214758
grupo_edad10						
26-50	.2930654	.0436379	6.72	0.000	.2075366	.3785942
51-65	.5181556	.0525833	9.85	0.000	.4150942	.621217
educ						
Primary	-.2371924	.0461067	-5.14	0.000	-.3275599	-.1468248
Secondary	-.5117817	.0602637	-8.49	0.000	-.6298964	-.3936671
Tertiary	-.6039519	.0551518	-10.95	0.000	-.7120475	-.4958564
jefeH	-.1552332	.0337154	-4.60	0.000	-.2213141	-.0891523
ocupa						
Working	.301849	.0401058	7.53	0.000	.2232432	.3804549
Unemployed	.5047351	.0610443	8.27	0.000	.3850904	.6243797

Studying	-.4728964	.0727288	-6.50	0.000	-.6154423	-.3303505
civil	-.2698552	.0341998	-7.89	0.000	-.3368856	-.2028248
alcoholP	1.166484	.0323539	36.05	0.000	1.103071	1.229897
marijuanaEver	1.341522	.0426898	31.42	0.000	1.257852	1.425192
_cons	-1.656019	.6003547	-2.76	0.006	-2.832692	-.4793453

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0079624	.0041428	-1.92	0.055	-.0160821	.0001574
pcigXest2	-.0083536	.0043274	-1.93	0.054	-.0168352	.000128
pcigXest3	-.0103121	.0050332	-2.05	0.040	-.020177	-.0004473

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.081338	.1416711	-0.57	0.566	-.3590083	.1963323

(results r810 are active now)

added scalar:
e(test310) = **-.08133799**

added scalar:
e(test310_p) = **.56587822**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	.0977789	.2271892	0.43	0.667	-.3475038	.5430617

(results r810 are active now)

added scalar:
e(test410) = **.09777894**

added scalar:
e(test410_p) = **.66691529**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.7048893	.3667547	-1.92	0.055	-1.423715	.0139367

(results r810 are active now)

added scalar:
e(pe_est110) = **-.7048893**

added scalar:
e(pe_est110_p) = **.05461031**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.6235513**	**.3230172**	**-1.93**	**0.054**	**-1.256653**	**.0095508**

(results r810 are active now)

added scalar:
e(pe_est210) = **-.62355131**

added scalar:
e(pe_est210_p) = **.05355772**
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7213303**	**.3520683**	**-2.05**	**0.040**	**-1.411371**	**-.0312891**

(results r810 are active now)

added scalar:
e(pe_est310) = **-.72133025**

added scalar:
e(pe_est310_p) = **.04047813**
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\o
> utput/tables/tableME10.csv)
(42719 differences between edad and grupo_edad11)

RECODE of edad (Age)	Freq.	Percent	Cum.
11-25	**13,093**	**30.65**	**30.65**
26-50	**20,878**	**48.87**	**79.52**
51-65	**8,748**	**20.48**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**6,652**	**5814887**	**.1475886**	**.3546917**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**1,541**	**2701084**	**.1989361**	**.3991999**	**0**	**1**

note: 201308.mesano != 0 predicts failure perfectly
201308.mesano dropped and 1 obs not used

Iteration 0: log pseudolikelihood = **-17338.171**
Iteration 1: log pseudolikelihood = **-15044.26**
Iteration 2: log pseudolikelihood = **-14521.932**
Iteration 3: log pseudolikelihood = **-14514.396**
Iteration 4: log pseudolikelihood = **-14514.322**
Iteration 5: log pseudolikelihood = **-14514.322**

Logistic regression — Number of obs = **42,706**
Wald chi2(**100**) = **4860.29**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14514.322** — Pseudo R2 = **0.1629**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven11	**-.0488246**	**.042255**	**-1.16**	**0.248**	**-.1316429**	**.0339937**
pcigXadulto11	**-.0666719**	**.0409816**	**-1.63**	**0.104**	**-.1469943**	**.0136505**
pcigXviejo11	**-.1590754**	**.0433287**	**-3.67**	**0.000**	**-.2439981**	**-.0741527**
municipi						
5045	**-1.107326**	**.2291388**	**-4.83**	**0.000**	**-1.556429**	**-.6582218**
5079	**-.653493**	**.7570839**	**-0.86**	**0.388**	**-2.13735**	**.8303642**
5088	**-.1532421**	**.150287**	**-1.02**	**0.308**	**-.4477992**	**.1413151**
5129	**.5811213**	**.3620506**	**1.61**	**0.108**	**-.1284849**	**1.290728**
5147	**-.7295872**	**.4118267**	**-1.77**	**0.076**	**-1.536753**	**.0775783**
5154	**-.9732828**	**.3033337**	**-3.21**	**0.001**	**-1.567806**	**-.3787596**
5172	**-.2827745**	**.2473807**	**-1.14**	**0.253**	**-.7676317**	**.2020828**
5212	**-.5136655**	**.3988656**	**-1.29**	**0.198**	**-1.295428**	**.2680967**
5266	**-.3945606**	**.261802**	**-1.51**	**0.132**	**-.9076831**	**.1185619**
5308	**.4131165**	**.5419383**	**0.76**	**0.446**	**-.6490631**	**1.475296**
5360	**-.175489**	**.207475**	**-0.85**	**0.398**	**-.5821326**	**.2311545**
5376	**-.0302239**	**.3173849**	**-0.10**	**0.924**	**-.652287**	**.5918391**
5380	**-2.151394**	**.783658**	**-2.75**	**0.006**	**-3.687335**	**-.6154526**
5440	**-.3306668**	**.3936204**	**-0.84**	**0.401**	**-1.102149**	**.4408151**
5579	**-.3338304**	**.3345709**	**-1.00**	**0.318**	**-.9895774**	**.3219166**
5615	**-.5106892**	**.2884845**	**-1.77**	**0.077**	**-1.076108**	**.05473**
5631	**-.19556**	**.4824705**	**-0.41**	**0.685**	**-1.141185**	**.7500649**
5837	**-.8437792**	**.4095181**	**-2.06**	**0.039**	**-1.64642**	**-.0411386**
8001	**-.8108455**	**.1672201**	**-4.85**	**0.000**	**-1.138591**	**-.4831**
8078	**-1.962277**	**1.062347**	**-1.85**	**0.065**	**-4.044439**	**.1198848**
8433	**-.3873524**	**.3482856**	**-1.11**	**0.266**	**-1.06998**	**.2952748**
8638	**-.3339431**	**.4212401**	**-0.79**	**0.428**	**-1.159559**	**.4916724**
8758	**-.7519781**	**.18794**	**-4.00**	**0.000**	**-1.120334**	**-.3836225**
11001	**.4662471**	**.1851873**	**2.52**	**0.012**	**.1032867**	**.8292075**
13001	**-.7937997**	**.1020712**	**-7.78**	**0.000**	**-.9938556**	**-.5937438**
13052	**-1.276555**	**.4756142**	**-2.68**	**0.007**	**-2.208742**	**-.3443681**
13244	**-.0707787**	**.2747575**	**-0.26**	**0.797**	**-.6092935**	**.4677361**
13430	**-1.438028**	**.3678047**	**-3.91**	**0.000**	**-2.158912**	**-.7171441**
13836	**-.6452797**	**.3804742**	**-1.70**	**0.090**	**-1.390995**	**.100436**
17001	**-.0003746**	**.0862104**	**-0.00**	**0.997**	**-.1693439**	**.1685947**
17174	**.012188**	**.2358637**	**0.05**	**0.959**	**-.4500963**	**.4744724**
17380	**-.1863545**	**.2134062**	**-0.87**	**0.383**	**-.6046231**	**.231914**
17873	**.7220482**	**.2186328**	**3.30**	**0.001**	**.2935358**	**1.150561**
23001	**-.8692172**	**.1379305**	**-6.30**	**0.000**	**-1.139556**	**-.5988784**
23162	**-1.532325**	**.4847249**	**-3.16**	**0.002**	**-2.482369**	**-.5822822**
23417	**-.8310798**	**.3585484**	**-2.32**	**0.020**	**-1.533822**	**-.1283378**
23466	**-.4964421**	**.2901744**	**-1.71**	**0.087**	**-1.065173**	**.0722893**
23555	**-.8830721**	**.3610084**	**-2.45**	**0.014**	**-1.590636**	**-.1755087**
23660	**-1.690083**	**.4262023**	**-3.97**	**0.000**	**-2.525424**	**-.8547416**
23807	**-2.367833**	**1.0218**	**-2.32**	**0.020**	**-4.370524**	**-.3651418**

41001	-.4138995	.1782274	-2.32	0.020	-.7632188	-.0645802
41298	.0118456	.2722114	0.04	0.965	-.5216789	.5453701
41551	-.5185751	.2480489	-2.09	0.037	-1.004742	-.0324081
50001	.0113281	.1762719	0.06	0.949	-.3341584	.3568146
50006	.3104098	.2795617	1.11	0.267	-.237521	.8583406
50313	-.558735	.3811394	-1.47	0.143	-1.305755	.1882845
52001	.3454027	.1372058	2.52	0.012	.0764842	.6143212
52356	-.1837449	.2549203	-0.72	0.471	-.6833796	.3158897
52835	-1.312871	.3067356	-4.28	0.000	-1.914062	-.7116802
54001	-.2067507	.1278262	-1.62	0.106	-.4572854	.043784
54405	-.7868666	.4186086	-1.88	0.060	-1.607324	.0335913
54498	-.4244394	.298009	-1.42	0.154	-1.008526	.1596475
54518	-.166677	.4031874	-0.41	0.679	-.9569097	.6235557
54874	-.0114697	.2319037	-0.05	0.961	-.4659926	.4430532
66001	.0803195	.2075618	0.39	0.699	-.3264942	.4871331
66170	.1560755	.2393535	0.65	0.514	-.3130488	.6251997
66400	.1735571	.3722888	0.47	0.641	-.5561155	.9032297
66682	.1836219	.3584428	0.51	0.608	-.5189131	.8861569
68001	-.3851051	.1710649	-2.25	0.024	-.7203861	-.0498242
68081	-.1525458	.2320485	-0.66	0.511	-.6073526	.302261
68276	-.3713051	.1997673	-1.86	0.063	-.7628418	.0202316
68307	-.3188549	.2824894	-1.13	0.259	-.872524	.2348142
68547	-.3143991	.3257279	-0.97	0.334	-.9528142	.3240159
68679	-.0762189	.4395593	-0.17	0.862	-.9377394	.7853015
76001	-.1870533	.1116496	-1.68	0.094	-.4058824	.0317758
76109	-1.1654	.2610738	-4.46	0.000	-1.677095	-.6537044
76111	-.449977	.3182292	-1.41	0.157	-1.073695	.1737408
76147	-.1229107	.2497263	-0.49	0.623	-.6123653	.3665439
76248	-.4674396	.6642283	-0.70	0.482	-1.769303	.8344238
76275	-.1468333	.3317342	-0.44	0.658	-.7970204	.5033538
76364	-.4072105	.2606348	-1.56	0.118	-.9180454	.1036243
76520	-.2770234	.1625062	-1.70	0.088	-.5955297	.0414829
76563	.1179736	.2575772	0.46	0.647	-.3868683	.6228156
76736	.1049292	.5262547	0.20	0.842	-.9265111	1.136369
76834	-.3622969	.2653151	-1.37	0.172	-.8823049	.1577111
76892	-.4579507	.266052	-1.72	0.085	-.9794031	.0635017
mesano						
200810	.485983	.3690824	1.32	0.188	-.2374053	1.209371
200811	.3851179	.3641839	1.06	0.290	-.3286694	1.098905
200812	.4082576	.3653262	1.12	0.264	-.3077686	1.124284
201308	0	(empty)				
201310	.0914733	.3748786	0.24	0.807	-.6432752	.8262219
201311	-.0002033	.3746391	-0.00	1.000	-.7344823	.7340758
201312	.1557691	.3751455	0.42	0.678	-.5795025	.8910407
estrato_						
3	-.0003676	.0366909	-0.01	0.992	-.0722805	.0715453
4-6	.1384701	.0680781	2.03	0.042	.0050395	.2719007
sexo						
Male	.5555175	.0332521	16.71	0.000	.4903446	.6206903
grupo_edad11						
26-50	.5659593	.2577328	2.20	0.028	.0608123	1.071106
51-65	2.167484	.3158376	6.86	0.000	1.548454	2.786515
educ						
Primary	-.2482579	.0461644	-5.38	0.000	-.3387384	-.1577774
Secondary	-.5073571	.0601417	-8.44	0.000	-.6252327	-.3894815
Tertiary	-.6094529	.0551317	-11.05	0.000	-.717509	-.5013968
jefeH	-.1710377	.0337732	-5.06	0.000	-.2372319	-.1048435
ocupa						
Working	.317202	.0406584	7.80	0.000	.237513	.396891
Unemployed	.5172051	.0613354	8.43	0.000	.3969899	.6374203
Studying	-.4192582	.0753521	-5.56	0.000	-.5669456	-.2715709
civil	-.2663802	.034235	-7.78	0.000	-.3334795	-.1992809
alcoholP	1.167848	.0323901	36.06	0.000	1.104364	1.231331
marijuanaEver	1.341537	.0426423	31.46	0.000	1.25796	1.425114

_cons	**-2.094636**	**.6221275**	**-3.37**	**0.001**	**-3.313984**	**-.8752886**

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven11 pcigXadulto11 pcigXviejo11**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven11	**-.0049633**	**.004295**	**-1.16**	**0.248**	**-.0133814**	**.0034548**
pcigXadulto11	**-.0067776**	**.0041654**	**-1.63**	**0.104**	**-.0149417**	**.0013865**
pcigXviejo11	**-.0161709**	**.0044012**	**-3.67**	**0.000**	**-.0247972**	**-.0075446**

Confidence interval for formula:
_b[pcigXjoven11]*(13.9154879735949/111)-_b[pcigXadulto11]*(13.9154879735949/112)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0002199**	**.0002131**	**1.03**	**0.302**	**-.0001979**	**.0006376**

(results r611 are active now)

added scalar:
e(test111) = **.00021986**

added scalar:
e(test111_p) = **.30229132**
Confidence interval for formula:
_b[pcigXadulto11]*(13.9154879735949/112)-_b[pcigXviejo11]*(13.9154879735949/113)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0011493**	**.0002322**	**4.95**	**0.000**	**.0006942**	**.0016044**

(results r611 are active now)

added scalar:
e(test211) = **.0011493**

added scalar:
e(test211_p) = **7.442e-07**
Confidence interval for formula:
_b[pcigXjoven11]*(13.9154879735949/111)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0006222**	**.0005384**	**-1.16**	**0.248**	**-.0016776**	**.0004331**

(results r611 are active now)

added scalar:
e(pe_age111) = **-.00062222**

added scalar:
e(pe_age111_p) = **.24784943**
Confidence interval for formula:
_b[pcigXadulto11]*(13.9154879735949/112)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0008421**	**.0005175**	**-1.63**	**0.104**	**-.0018564**	**.0001723**

(results r611 are active now)

added scalar:
e(pe_age112) = **-.00084208**

added scalar:
e(pe_age112_p) = **.10371653**
Confidence interval for formula:
_b[pcigXviejo11]*(13.9154879735949/113)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0019914**	**.000542**	**-3.67**	**0.000**	**-.0030537**	**-.0009291**

(results r611 are active now)

added scalar:
e(pe_age113) = **-.00199138**

added scalar:
e(pe_age113_p) = **.00023863**

note: 201308.mesano != 0 predicts failure perfectly
201308.mesano dropped and 1 obs not used

Iteration 0: log pseudolikelihood = **-17338.171**
Iteration 1: log pseudolikelihood = **-15055.13**
Iteration 2: log pseudolikelihood = **-14533.571**
Iteration 3: log pseudolikelihood = **-14526.097**
Iteration 4: log pseudolikelihood = **-14526.026**
Iteration 5: log pseudolikelihood = **-14526.025**

Logistic regression — Number of obs = **42,706**
Wald chi2(**99**) = **4872.07**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14526.025** — Pseudo R2 = **0.1622**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0593971**	**.041215**	**-1.44**	**0.150**	**-.140177**	**.0213828**
pcigXfemale	**-.1082427**	**.0411811**	**-2.63**	**0.009**	**-.1889562**	**-.0275291**
municipi						
5045	**-1.106152**	**.2261123**	**-4.89**	**0.000**	**-1.549324**	**-.6629801**
5079	**-.6089814**	**.7599266**	**-0.80**	**0.423**	**-2.09841**	**.8804475**
5088	**-.1629929**	**.1489025**	**-1.09**	**0.274**	**-.4548365**	**.1288507**
5129	**.5962276**	**.3567046**	**1.67**	**0.095**	**-.1029005**	**1.295356**
5147	**-.7030314**	**.4042991**	**-1.74**	**0.082**	**-1.495443**	**.0893803**
5154	**-.9650542**	**.3027957**	**-3.19**	**0.001**	**-1.558523**	**-.3715854**
5172	**-.2773132**	**.2449233**	**-1.13**	**0.258**	**-.7573541**	**.2027277**
5212	**-.5291192**	**.3947541**	**-1.34**	**0.180**	**-1.302823**	**.2445845**
5266	**-.3453184**	**.2607269**	**-1.32**	**0.185**	**-.8563338**	**.165697**
5308	**.432765**	**.5526434**	**0.78**	**0.434**	**-.6503962**	**1.515926**
5360	**-.1649726**	**.2049593**	**-0.80**	**0.421**	**-.5666854**	**.2367403**
5376	**-.037681**	**.3141618**	**-0.12**	**0.905**	**-.6534268**	**.5780647**
5380	**-2.093992**	**.7602691**	**-2.75**	**0.006**	**-3.584092**	**-.6038924**
5440	**-.3105935**	**.390331**	**-0.80**	**0.426**	**-1.075628**	**.4544412**
5579	**-.3377509**	**.3249888**	**-1.04**	**0.299**	**-.9747172**	**.2992155**
5615	**-.4957806**	**.2836674**	**-1.75**	**0.081**	**-1.051758**	**.0601972**
5631	**-.1542727**	**.4736575**	**-0.33**	**0.745**	**-1.082624**	**.7740788**
5837	**-.8713992**	**.4063843**	**-2.14**	**0.032**	**-1.667898**	**-.0749005**
8001	**-.808059**	**.167037**	**-4.84**	**0.000**	**-1.135445**	**-.4806725**
8078	**-1.939747**	**1.062689**	**-1.83**	**0.068**	**-4.022578**	**.1430845**
8433	**-.3889994**	**.3487456**	**-1.12**	**0.265**	**-1.072528**	**.2945294**
8638	**-.3336062**	**.4241866**	**-0.79**	**0.432**	**-1.164997**	**.4977842**
8758	**-.7424296**	**.1878976**	**-3.95**	**0.000**	**-1.110702**	**-.3741572**
11001	**.4733469**	**.1848559**	**2.56**	**0.010**	**.1110361**	**.8356578**
13001	**-.7869562**	**.1011009**	**-7.78**	**0.000**	**-.9851104**	**-.5888021**
13052	**-1.215613**	**.4714499**	**-2.58**	**0.010**	**-2.139638**	**-.2915884**
13244	**-.0597459**	**.2711603**	**-0.22**	**0.826**	**-.5912103**	**.4717186**
13430	**-1.408747**	**.3667039**	**-3.84**	**0.000**	**-2.127473**	**-.6900203**

13836	-.6411813	.3788331	-1.69	0.091	-1.38368	.1013179
17001	.005124	.0852716	0.06	0.952	-.1620053	.1722534
17174	.0277642	.2333	0.12	0.905	-.4294953	.4850237
17380	-.167447	.2092069	-0.80	0.423	-.577485	.242591
17873	.7278621	.217036	3.35	0.001	.3024794	1.153245
23001	-.862997	.1367157	-6.31	0.000	-1.130955	-.5950391
23162	-1.509705	.480633	-3.14	0.002	-2.451728	-.5676814
23417	-.793952	.3498332	-2.27	0.023	-1.479613	-.1082915
23466	-.4957933	.2887548	-1.72	0.086	-1.061742	.0701556
23555	-.887435	.3583687	-2.48	0.013	-1.589825	-.1850453
23660	-1.679944	.4247295	-3.96	0.000	-2.512399	-.84749
23807	-2.422457	1.020469	-2.37	0.018	-4.422539	-.4223741
41001	-.4122038	.1780565	-2.32	0.021	-.7611882	-.0632195
41298	.0239991	.2709789	0.09	0.929	-.5071098	.555108
41551	-.5181473	.2481082	-2.09	0.037	-1.00443	-.0318641
50001	.0204003	.1756832	0.12	0.908	-.3239324	.364733
50006	.3058613	.2805805	1.09	0.276	-.2440664	.855789
50313	-.5420025	.379582	-1.43	0.153	-1.28597	.2019647
52001	.3452088	.1361558	2.54	0.011	.0783483	.6120694
52356	-.1934649	.2542495	-0.76	0.447	-.6917847	.3048548
52835	-1.298553	.3065136	-4.24	0.000	-1.899309	-.6977974
54001	-.2015893	.1273517	-1.58	0.113	-.451194	.0480155
54405	-.7814898	.4183907	-1.87	0.062	-1.601521	.0385409
54498	-.4291399	.2979938	-1.44	0.150	-1.013197	.1549173
54518	-.157187	.4017373	-0.39	0.696	-.9445777	.6302036
54874	-.0055247	.2312502	-0.02	0.981	-.4587668	.4477174
66001	.0852499	.2070948	0.41	0.681	-.3206484	.4911482
66170	.1649088	.2390442	0.69	0.490	-.3036093	.6334269
66400	.1442287	.3709842	0.39	0.697	-.582887	.8713443
66682	.1622613	.3574818	0.45	0.650	-.5383902	.8629129
68001	-.382346	.1708239	-2.24	0.025	-.7171546	-.0475373
68081	-.1486895	.2319652	-0.64	0.522	-.6033329	.305954
68276	-.3685986	.1997374	-1.85	0.065	-.7600767	.0228795
68307	-.3141683	.2822368	-1.11	0.266	-.8673423	.2390056
68547	-.3137703	.3269299	-0.96	0.337	-.9545412	.3270005
68679	-.0875875	.4390646	-0.20	0.842	-.9481383	.7729633
76001	-.1820361	.1112607	-1.64	0.102	-.400103	.0360308
76109	-1.161439	.2607825	-4.45	0.000	-1.672564	-.650315
76111	-.4359496	.3170761	-1.37	0.169	-1.057407	.1855081
76147	-.1150984	.2494855	-0.46	0.645	-.604081	.3738843
76248	-.4647601	.6692044	-0.69	0.487	-1.776377	.8468564
76275	-.1469419	.3309389	-0.44	0.657	-.7955701	.5016864
76364	-.4077193	.2598458	-1.57	0.117	-.9170077	.1015691
76520	-.2729697	.1622076	-1.68	0.092	-.5908907	.0449513
76563	.1138597	.2572573	0.44	0.658	-.3903553	.6180747
76736	.0926903	.527457	0.18	0.861	-.9411063	1.126487
76834	-.3592922	.2642695	-1.36	0.174	-.8772509	.1586665
76892	-.45023	.2640189	-1.71	0.088	-.9676974	.0672375
mesano						
200810	.5037475	.3721689	1.35	0.176	-.2256902	1.233185
200811	.4005113	.3673763	1.09	0.276	-.319533	1.120555
200812	.4198141	.3685158	1.14	0.255	-.3024635	1.142092
201308	0	(empty)				
201310	.1022263	.3779988	0.27	0.787	-.6386377	.8430902
201311	.0110972	.3777817	0.03	0.977	-.7293414	.7515357
201312	.1654981	.3783055	0.44	0.662	-.5759672	.9069633
estrato_						
3	-.0003392	.0366967	-0.01	0.993	-.0722634	.071585
4-6	.1450195	.0678781	2.14	0.033	.0119808	.2780582
sexo						
Male	-.175411	.2142111	-0.82	0.413	-.595257	.2444351
grupo_edad11						
26-50	.2901977	.0436445	6.65	0.000	.2046561	.3757393
51-65	.5176682	.0526065	9.84	0.000	.4145614	.620775
educ						
Primary	-.2401197	.0461616	-5.20	0.000	-.3305948	-.1496445
Secondary	-.5105728	.0601472	-8.49	0.000	-.6284592	-.3926864

Tertiary	-.6079269	.0552153	-11.01	0.000	-.716147	-.4997069
jefeH	-.1476456	.0338564	-4.36	0.000	-.2140029	-.0812882
ocupa						
Working	.3123727	.0401635	7.78	0.000	.2336537	.3910918
Unemployed	.5224043	.061039	8.56	0.000	.4027702	.6420385
Studying	-.457135	.0725355	-6.30	0.000	-.5993019	-.314968
civil	-.2695547	.0341809	-7.89	0.000	-.3365479	-.2025614
alcoholP	1.166893	.0323568	36.06	0.000	1.103475	1.230311
marijuanaEver	1.340672	.0426188	31.46	0.000	1.25714	1.424203
_cons	-1.228724	.6069289	-2.02	0.043	-2.418283	-.0391655

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	-.0060429	.0041926	-1.44	0.149	-.0142603	.0021745
pcigXfemale	-.0110123	.0041884	-2.63	0.009	-.0192214	-.0028032

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	1.017405	.3034912	3.35	0.001	.4225733	1.612237

(results r711 are active now)

added scalar:
e(test511) = **1.017405**

added scalar:
e(test511_p) = **.00080132**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.3466586	.2405149	-1.44	0.149	-.8180592	.124742

(results r711 are active now)

added scalar:
e(pe_m11) = **-.34665859**

added scalar:
e(pe_m11_p) = **.14949479**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-1.364064	.5188029	-2.63	0.009	-2.380899	-.3472286

(results r711 are active now)

added scalar:
e(pe_f11) = **-1.3640636**

added scalar:
e(pe_f11_p) = **.00855729**

note: 201308.mesano != 0 predicts failure perfectly
201308.mesano dropped and 1 obs not used

Iteration 0: log pseudolikelihood = **-17338.171**
Iteration 1: log pseudolikelihood = **-15059.072**
Iteration 2: log pseudolikelihood = **-14539.37**
Iteration 3: log pseudolikelihood = **-14531.968**
Iteration 4: log pseudolikelihood = **-14531.896**
Iteration 5: log pseudolikelihood = **-14531.896**

Logistic regression — Number of obs = **42,706**
Wald chi2(**100**) = **4861.40**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14531.896** — Pseudo R2 = **0.1619**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0782498	.0407202	-1.92	0.055	-.1580599	.0015602
pcigXest2	-.0820949	.0425359	-1.93	0.054	-.1654637	.0012739
pcigXest3	-.1013424	.0494789	-2.05	0.041	-.1983193	-.0043655
municipi						
5045	-1.119068	.2280465	-4.91	0.000	-1.56603	-.6721046
5079	-.6038879	.7642674	-0.79	0.429	-2.101824	.8940487
5088	-.1597748	.1505472	-1.06	0.289	-.4548419	.1352923
5129	.6168429	.3608676	1.71	0.087	-.0904446	1.32413
5147	-.7248964	.4086657	-1.77	0.076	-1.525867	.0760737
5154	-.9680264	.3057236	-3.17	0.002	-1.567234	-.3688192
5172	-.2781954	.2467433	-1.13	0.260	-.7618033	.2054125
5212	-.5154632	.3956051	-1.30	0.193	-1.290835	.2599086
5266	-.3732169	.265026	-1.41	0.159	-.8926584	.1462245
5308	.4401536	.5572474	0.79	0.430	-.6520312	1.532338
5360	-.1644127	.2075358	-0.79	0.428	-.5711755	.2423501
5376	-.0411275	.3175866	-0.13	0.897	-.6635859	.5813308
5380	-2.115314	.7650607	-2.76	0.006	-3.614805	-.6158226
5440	-.3205032	.3982641	-0.80	0.421	-1.101087	.4600802
5579	-.3423754	.3284929	-1.04	0.297	-.9862097	.3014589
5615	-.4990486	.2871563	-1.74	0.082	-1.061865	.0637674
5631	-.1724876	.4828216	-0.36	0.721	-1.118801	.7738253
5837	-.8574201	.4117087	-2.08	0.037	-1.664354	-.0504858
8001	-.8177943	.1671207	-4.89	0.000	-1.145345	-.4902438
8078	-1.955014	1.061889	-1.84	0.066	-4.036278	.12625
8433	-.3970964	.3479949	-1.14	0.254	-1.079154	.2849611
8638	-.3376716	.4226649	-0.80	0.424	-1.16608	.4907363
8758	-.7541029	.1878649	-4.01	0.000	-1.122311	-.3858945
11001	.4612264	.1850458	2.49	0.013	.0985432	.8239095
13001	-.7974754	.1021693	-7.81	0.000	-.9977236	-.5972272
13052	-1.23333	.4736006	-2.60	0.009	-2.16157	-.3050895
13244	-.062631	.2730842	-0.23	0.819	-.5978661	.4726042
13430	-1.417033	.3685218	-3.85	0.000	-2.139322	-.6947432
13836	-.6502489	.3821627	-1.70	0.089	-1.399274	.0987761
17001	-.0026455	.0873752	-0.03	0.976	-.1738977	.1686068
17174	.0204338	.2356168	0.09	0.931	-.4413667	.4822343
17380	-.1628254	.2112139	-0.77	0.441	-.5767969	.2511462
17873	.7380828	.2188286	3.37	0.001	.3091865	1.166979
23001	-.8735046	.1379884	-6.33	0.000	-1.143957	-.6030523
23162	-1.510379	.4830542	-3.13	0.002	-2.457148	-.5636101
23417	-.798852	.3528762	-2.26	0.024	-1.490477	-.1072273
23466	-.5026484	.2920473	-1.72	0.085	-1.075051	.0697537
23555	-.889912	.3612744	-2.46	0.014	-1.597997	-.1818272
23660	-1.695868	.4272759	-3.97	0.000	-2.533313	-.8584227
23807	-2.400261	1.021783	-2.35	0.019	-4.402918	-.3976038
41001	-.4246567	.1782084	-2.38	0.017	-.7739387	-.0753746
41298	.0098184	.2714008	0.04	0.971	-.5221174	.5417542
41551	-.5205378	.2480834	-2.10	0.036	-1.006772	-.0343033
50001	.0094997	.1760589	0.05	0.957	-.3355695	.3545689
50006	.2950399	.2799879	1.05	0.292	-.2537264	.8438061

50313	-.5563951	.3794914	-1.47	0.143	-1.300185	.1873945
52001	.3381773	.1369203	2.47	0.014	.0698184	.6065362
52356	-.1979657	.2548762	-0.78	0.437	-.6975139	.3015824
52835	-1.303398	.3073563	-4.24	0.000	-1.905805	-.7009906
54001	-.2087027	.1279059	-1.63	0.103	-.4593936	.0419883
54405	-.7950818	.4187642	-1.90	0.058	-1.615845	.025681
54498	-.4345239	.2985777	-1.46	0.146	-1.019725	.1506776
54518	-.162866	.4010451	-0.41	0.685	-.9489	.6231681
54874	-.0144529	.2319199	-0.06	0.950	-.4690076	.4401018
66001	.0749402	.2075973	0.36	0.718	-.331943	.4818234
66170	.1493702	.2388706	0.63	0.532	-.3188077	.617548
66400	.1377908	.3699523	0.37	0.710	-.5873024	.8628839
66682	.1556305	.3572085	0.44	0.663	-.5444852	.8557463
68001	-.3843799	.1713095	-2.24	0.025	-.7201404	-.0486195
68081	-.1509349	.2320386	-0.65	0.515	-.6057221	.3038524
68276	-.3729932	.1997777	-1.87	0.062	-.7645503	.018564
68307	-.3260533	.2821951	-1.16	0.248	-.8791456	.227039
68547	-.3202527	.3266278	-0.98	0.327	-.9604315	.3199261
68679	-.0924911	.4396321	-0.21	0.833	-.9541542	.769172
76001	-.1908166	.1115966	-1.71	0.087	-.4095419	.0279087
76109	-1.171925	.2608991	-4.49	0.000	-1.683278	-.6605723
76111	-.4454452	.3171348	-1.40	0.160	-1.067018	.1761276
76147	-.1187642	.2495023	-0.48	0.634	-.6077797	.3702513
76248	-.4670524	.6673838	-0.70	0.484	-1.7751	.8409957
76275	-.1515518	.3318877	-0.46	0.648	-.8020398	.4989361
76364	-.414818	.2598685	-1.60	0.110	-.9241509	.0945149
76520	-.2804437	.162517	-1.73	0.084	-.5989712	.0380838
76563	.108037	.2573831	0.42	0.675	-.3964246	.6124986
76736	.0938487	.5277216	0.18	0.859	-.9404666	1.128164
76834	-.367756	.2647159	-1.39	0.165	-.8865897	.1510777
76892	-.4581663	.2644928	-1.73	0.083	-.9765627	.0602301
mesano						
200810	.510304	.3710634	1.38	0.169	-.216967	1.237575
200811	.4008558	.3662126	1.09	0.274	-.3169077	1.118619
200812	.4205007	.3673616	1.14	0.252	-.2995148	1.140516
201308	0	(empty)				
201310	.0972241	.3768801	0.26	0.796	-.6414474	.8358956
201311	.0055824	.376574	0.01	0.988	-.7324891	.743654
201312	.160841	.3770944	0.43	0.670	-.5782504	.8999324
estrato_						
3	.0576994	.2503264	0.23	0.818	-.4329313	.54833
4-6	.4797278	.4472619	1.07	0.283	-.3968894	1.356345
sexo						
Male	.5564134	.0331957	16.76	0.000	.4913511	.6214758
grupo_edad11						
26-50	.2930654	.0436379	6.72	0.000	.2075366	.3785942
51-65	.5181556	.0525833	9.85	0.000	.4150942	.621217
educ						
Primary	-.2371924	.0461067	-5.14	0.000	-.3275599	-.1468248
Secondary	-.5117817	.0602637	-8.49	0.000	-.6298964	-.3936671
Tertiary	-.6039519	.0551518	-10.95	0.000	-.7120475	-.4958564
jefeH	-.1552332	.0337154	-4.60	0.000	-.2213141	-.0891523
ocupa						
Working	.301849	.0401058	7.53	0.000	.2232432	.3804549
Unemployed	.5047351	.0610443	8.27	0.000	.3850904	.6243797
Studying	-.4728964	.0727288	-6.50	0.000	-.6154423	-.3303505
civil	-.2698552	.0341998	-7.89	0.000	-.3368856	-.2028248
alcoholP	1.166484	.0323539	36.05	0.000	1.103071	1.229897
marijuanaEver	1.341522	.0426898	31.42	0.000	1.257852	1.425192
_cons	-1.656019	.6003547	-2.76	0.006	-2.832692	-.4793453

Average marginal effects Number of obs = **42,706**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0079624**	**.0041428**	**-1.92**	**0.055**	**-.0160821**	**.0001574**
pcigXest2	**-.0083536**	**.0043274**	**-1.93**	**0.054**	**-.0168352**	**.000128**
pcigXest3	**-.0103121**	**.0050332**	**-2.05**	**0.040**	**-.020177**	**-.0004473**

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.081338**	**.1416711**	**-0.57**	**0.566**	**-.3590083**	**.1963323**

(results r811 are active now)

added scalar:
e(test311) = **-.08133799**

added scalar:
e(test311_p) = **.56587822**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0977789**	**.2271892**	**0.43**	**0.667**	**-.3475038**	**.5430617**

(results r811 are active now)

added scalar:
e(test411) = **.09777894**

added scalar:
e(test411_p) = **.66691529**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7048893**	**.3667547**	**-1.92**	**0.055**	**-1.423715**	**.0139367**

(results r811 are active now)

added scalar:
e(pe_est111) = **-.7048893**

added scalar:
e(pe_est111_p) = **.05461031**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.6235513**	**.3230172**	**-1.93**	**0.054**	**-1.256653**	**.0095508**

(results r811 are active now)

added scalar:
e(pe_est211) = **-.62355131**

added scalar:
e(pe_est211_p) = **.05355772**
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7213303**	**.3520683**	**-2.05**	**0.040**	**-1.411371**	**-.0312891**

(results r811 are active now)

added scalar:
e(pe_est311) = **-.72133025**

added scalar:
e(pe_est311_p) = **.04047813**
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/tables/tableME11.csv)
(42719 differences between edad and grupo_edad12)

RECODE of edad (Age)	Freq.	Percent	Cum.
12-25	**13,093**	**30.65**	**30.65**
26-50	**20,878**	**48.87**	**79.52**
51-65	**8,748**	**20.48**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**6,652**	**5814887**	**.1475886**	**.3546917**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**1,541**	**2701084**	**.1989361**	**.3991999**	**0**	**1**

Iteration 0: log pseudolikelihood = **-17213.712**
Iteration 1: log pseudolikelihood = **-14950.389**
Iteration 2: log pseudolikelihood = **-14463.37**
Iteration 3: log pseudolikelihood = **-14456.676**
Iteration 4: log pseudolikelihood = **-14456.603**
Iteration 5: log pseudolikelihood = **-14456.603**

Logistic regression — Number of obs = **41,916**
Wald chi2(**100**) = **4731.81**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14456.603** — Pseudo R2 = **0.1602**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven12	**-.0495016**	**.0422699**	**-1.17**	**0.242**	**-.132349**	**.0333459**
pcigXadulto12	**-.0700579**	**.0409852**	**-1.71**	**0.087**	**-.1503874**	**.0102716**
pcigXviejo12	**-.1624727**	**.0433161**	**-3.75**	**0.000**	**-.2473708**	**-.0775747**
municipi						
5045	**-1.113207**	**.2283317**	**-4.88**	**0.000**	**-1.560728**	**-.6656847**
5079	**-.6532669**	**.7584226**	**-0.86**	**0.389**	**-2.139748**	**.8332141**
5088	**-.152453**	**.1503109**	**-1.01**	**0.310**	**-.447057**	**.1421511**
5129	**.5956255**	**.3624766**	**1.64**	**0.100**	**-.1148156**	**1.306067**
5147	**-.7317605**	**.411021**	**-1.78**	**0.075**	**-1.537347**	**.0738258**
5154	**-.9733914**	**.302757**	**-3.22**	**0.001**	**-1.566784**	**-.3799986**
5172	**-.2856225**	**.2471264**	**-1.16**	**0.248**	**-.7699814**	**.1987363**
5212	**-.5173936**	**.3965485**	**-1.30**	**0.192**	**-1.294614**	**.2598272**
5266	**-.3840643**	**.2620913**	**-1.47**	**0.143**	**-.8977539**	**.1296253**
5308	**.4143459**	**.5426261**	**0.76**	**0.445**	**-.6491818**	**1.477873**
5360	**-.1774047**	**.2070293**	**-0.86**	**0.391**	**-.5831748**	**.2283653**
5376	**-.0391651**	**.3164674**	**-0.12**	**0.902**	**-.6594298**	**.5810996**
5380	**-2.136874**	**.7826668**	**-2.73**	**0.006**	**-3.670872**	**-.6028751**
5440	**-.3387852**	**.3920776**	**-0.86**	**0.388**	**-1.107243**	**.4296728**
5579	**-.3456263**	**.3342087**	**-1.03**	**0.301**	**-1.000663**	**.3094107**
5615	**-.5124464**	**.2872837**	**-1.78**	**0.074**	**-1.075512**	**.0506193**
5631	**-.2040084**	**.4810577**	**-0.42**	**0.672**	**-1.146864**	**.7388474**
5837	**-.8497918**	**.4101043**	**-2.07**	**0.038**	**-1.653581**	**-.0460021**
8001	**-.8004418**	**.1672275**	**-4.79**	**0.000**	**-1.128202**	**-.4726818**
8078	**-1.963881**	**1.061141**	**-1.85**	**0.064**	**-4.043679**	**.1159175**
8433	**-.3666749**	**.3486698**	**-1.05**	**0.293**	**-1.050055**	**.3167053**
8638	**-.3287125**	**.4209588**	**-0.78**	**0.435**	**-1.153777**	**.4963515**
8758	**-.7373202**	**.1880456**	**-3.92**	**0.000**	**-1.105883**	**-.3687577**
11001	**.4782749**	**.1851804**	**2.58**	**0.010**	**.115328**	**.8412218**
13001	**-.7937722**	**.1019772**	**-7.78**	**0.000**	**-.9936437**	**-.5939006**
13052	**-1.287818**	**.4742798**	**-2.72**	**0.007**	**-2.217389**	**-.3582466**
13244	**-.0708991**	**.2762533**	**-0.26**	**0.797**	**-.6123456**	**.4705475**
13430	**-1.438115**	**.3678013**	**-3.91**	**0.000**	**-2.158992**	**-.7172379**
13836	**-.6381589**	**.3812794**	**-1.67**	**0.094**	**-1.385453**	**.1091349**
17001	**-.004845**	**.0862338**	**-0.06**	**0.955**	**-.1738602**	**.1641701**
17174	**.0010934**	**.235389**	**0.00**	**0.996**	**-.4602607**	**.4624474**
17380	**-.1913526**	**.2132425**	**-0.90**	**0.370**	**-.6093002**	**.226595**
17873	**.7196594**	**.2188874**	**3.29**	**0.001**	**.290648**	**1.148671**
23001	**-.8723666**	**.1376912**	**-6.34**	**0.000**	**-1.142236**	**-.6024969**
23162	**-1.526738**	**.4842178**	**-3.15**	**0.002**	**-2.475788**	**-.577689**
23417	**-.8341709**	**.3574617**	**-2.33**	**0.020**	**-1.534783**	**-.1335588**
23466	**-.5006688**	**.2905227**	**-1.72**	**0.085**	**-1.070083**	**.0687453**
23555	**-.8775644**	**.361383**	**-2.43**	**0.015**	**-1.585862**	**-.1692668**
23660	**-1.691967**	**.4254725**	**-3.98**	**0.000**	**-2.525878**	**-.8580567**
23807	**-2.386351**	**1.021251**	**-2.34**	**0.019**	**-4.387966**	**-.384735**
41001	**-.3995717**	**.1783324**	**-2.24**	**0.025**	**-.7490969**	**-.0500466**
41298	**.0332624**	**.2728164**	**0.12**	**0.903**	**-.501448**	**.5679727**
41551	**-.5084946**	**.2482796**	**-2.05**	**0.041**	**-.9951136**	**-.0218756**
50001	**.0240021**	**.1763223**	**0.14**	**0.892**	**-.3215833**	**.3695876**
50006	**.3214383**	**.2801084**	**1.15**	**0.251**	**-.2275641**	**.8704406**
50313	**-.5612293**	**.3816115**	**-1.47**	**0.141**	**-1.309174**	**.1867154**
52001	**.3427598**	**.1371388**	**2.50**	**0.012**	**.0739726**	**.6115469**

52356	-.1866109	.2550704	-0.73	0.464	-.6865397	.3133178
52835	-1.314171	.3063875	-4.29	0.000	-1.91468	-.7136626
54001	-.2036893	.1277888	-1.59	0.111	-.4541507	.0467722
54405	-.7910425	.4174204	-1.90	0.058	-1.609171	.0270864
54498	-.4278935	.2972489	-1.44	0.150	-1.010491	.1547037
54518	-.1771683	.4020155	-0.44	0.659	-.9651043	.6107677
54874	-.0129092	.2316879	-0.06	0.956	-.4670092	.4411908
66001	.0889918	.2076174	0.43	0.668	-.3179308	.4959145
66170	.1787003	.2398344	0.75	0.456	-.2913665	.6487671
66400	.2181564	.3743459	0.58	0.560	-.515548	.9518608
66682	.1868918	.3594017	0.52	0.603	-.5175225	.8913061
68001	-.3799914	.1710136	-2.22	0.026	-.7151718	-.0448109
68081	-.1333079	.2321918	-0.57	0.566	-.5883954	.3217796
68276	-.3646885	.199635	-1.83	0.068	-.7559659	.0265888
68307	-.3016337	.2824478	-1.07	0.286	-.8552213	.2519539
68547	-.2985223	.3256231	-0.92	0.359	-.9367319	.3396873
68679	-.0787253	.4373566	-0.18	0.857	-.9359285	.7784779
76001	-.1783108	.1115939	-1.60	0.110	-.3970309	.0404093
76109	-1.157962	.2612943	-4.43	0.000	-1.670089	-.6458344
76111	-.4513233	.3183713	-1.42	0.156	-1.07532	.172673
76147	-.1208014	.2492758	-0.48	0.628	-.609373	.3677702
76248	-.4514998	.6653946	-0.68	0.497	-1.755649	.8526497
76275	-.1483847	.3313035	-0.45	0.654	-.7977275	.5009582
76364	-.3856115	.2614667	-1.47	0.140	-.8980767	.1268537
76520	-.2742473	.1623474	-1.69	0.091	-.5924424	.0439477
76563	.121809	.257485	0.47	0.636	-.3828522	.6264703
76736	.1008354	.5260747	0.19	0.848	-.930252	1.131923
76834	-.3604106	.2651625	-1.36	0.174	-.8801195	.1592983
76892	-.4477211	.266624	-1.68	0.093	-.9702944	.0748523
mesano						
200810	.4754818	.3713377	1.28	0.200	-.2523267	1.20329
200811	.3744678	.3664744	1.02	0.307	-.3438088	1.092744
200812	.3990183	.3676179	1.09	0.278	-.3214995	1.119536
201310	.0915565	.377073	0.24	0.808	-.6474929	.8306059
201311	.0001985	.3768364	0.00	1.000	-.7383872	.7387842
201312	.1525588	.3773398	0.40	0.686	-.5870137	.8921313
estrato_						
3	.0041992	.0367147	0.11	0.909	-.0677603	.0761587
4-6	.1442902	.067964	2.12	0.034	.0110832	.2774971
sexo						
Male	.5687323	.0333902	17.03	0.000	.5032887	.634176
grupo_edad12						
26-50	.5801114	.2576851	2.25	0.024	.075058	1.085165
51-65	2.16619	.315509	6.87	0.000	1.547804	2.784576
educ						
Primary	-.2639244	.0465158	-5.67	0.000	-.3550936	-.1727551
Secondary	-.5358444	.0602861	-8.89	0.000	-.654003	-.4176858
Tertiary	-.6378873	.055328	-11.53	0.000	-.7463283	-.5294463
jefeH	-.1687025	.033723	-5.00	0.000	-.2347983	-.1026066
ocupa						
Working	.3029021	.0405836	7.46	0.000	.2233597	.3824445
Unemployed	.4973254	.061263	8.12	0.000	.3772521	.6173986
Studying	-.3579574	.075525	-4.74	0.000	-.5059837	-.2099311
civil	-.2735989	.0340714	-8.03	0.000	-.3403776	-.2068202
alcoholP	1.148142	.0323534	35.49	0.000	1.08473	1.211553
marijuanaEver	1.325241	.0425343	31.16	0.000	1.241875	1.408606
_cons	-2.021336	.6235925	-3.24	0.001	-3.243555	-.7991172

Average marginal effects Number of obs = **41,916**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven12 pcigXadulto12 pcigXviejo12**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven12	**-.0051214**	**.0043728**	**-1.17**	**0.242**	**-.0136919**	**.0034491**
pcigXadulto12	**-.0072481**	**.0042397**	**-1.71**	**0.087**	**-.0155578**	**.0010616**
pcigXviejo12	**-.0168093**	**.0044781**	**-3.75**	**0.000**	**-.0255861**	**-.0080324**

Confidence interval for formula:
_b[pcigXjoven12]*(13.9154879735949/121)-_b[pcigXadulto12]*(13.9154879735949/122)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0002378**	**.0001991**	**1.19**	**0.232**	**-.0001525**	**.000628**

(results r612 are active now)

added scalar:
e(test112) = **.00023775**

added scalar:
e(test112_p) = **.23248826**
Confidence interval for formula:
_b[pcigXadulto12]*(13.9154879735949/122)-_b[pcigXviejo12]*(13.9154879735949/123)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.001075**	**.0002165**	**4.97**	**0.000**	**.0006507**	**.0014992**

(results r612 are active now)

added scalar:
e(test212) = **.00107497**

added scalar:
e(test212_p) = **6.832e-07**
Confidence interval for formula:
_b[pcigXjoven12]*(13.9154879735949/121)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.000589**	**.0005029**	**-1.17**	**0.242**	**-.0015746**	**.0003967**

(results r612 are active now)

added scalar:
e(pe_age121) = **-.00058898**

added scalar:
e(pe_age121_p) = **.24152178**
Confidence interval for formula:
_b[pcigXadulto12]*(13.9154879735949/122)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0008267**	**.0004836**	**-1.71**	**0.087**	**-.0017745**	**.0001211**

(results r612 are active now)

added scalar:
e(pe_age122) = **-.00082673**

added scalar:
e(pe_age122_p) = **.08734498**
Confidence interval for formula:
_b[pcigXviejo12]*(13.9154879735949/123)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0019017**	**.0005066**	**-3.75**	**0.000**	**-.0028947**	**-.0009087**

(results r612 are active now)

added scalar:
e(pe_age123) = **-.0019017**

added scalar:
e(pe_age123_p) = **.00017426**

Iteration 0: log pseudolikelihood = **-17213.712**
Iteration 1: log pseudolikelihood = **-14962.112**
Iteration 2: log pseudolikelihood = **-14475.955**
Iteration 3: log pseudolikelihood = **-14469.322**
Iteration 4: log pseudolikelihood = **-14469.251**
Iteration 5: log pseudolikelihood = **-14469.25**

Logistic regression — Number of obs = **41,916**
Wald chi2(**99**) = **4742.22**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14469.25** — Pseudo R2 = **0.1594**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0628257**	**.0412249**	**-1.52**	**0.128**	**-.143625**	**.0179736**
pcigXfemale	**-.109972**	**.0411688**	**-2.67**	**0.008**	**-.1906614**	**-.0292826**
municipi						
5045	**-1.113305**	**.2253892**	**-4.94**	**0.000**	**-1.55506**	**-.6715506**
5079	**-.6086527**	**.7613651**	**-0.80**	**0.424**	**-2.100901**	**.8835955**
5088	**-.1625385**	**.1490206**	**-1.09**	**0.275**	**-.4546135**	**.1295365**
5129	**.6121009**	**.3572486**	**1.71**	**0.087**	**-.0880935**	**1.312295**
5147	**-.7064291**	**.4038643**	**-1.75**	**0.080**	**-1.497988**	**.0851304**
5154	**-.9657799**	**.3023797**	**-3.19**	**0.001**	**-1.558433**	**-.3731266**
5172	**-.279251**	**.244746**	**-1.14**	**0.254**	**-.7589443**	**.2004423**
5212	**-.5328907**	**.39239**	**-1.36**	**0.174**	**-1.301961**	**.2361797**
5266	**-.3346247**	**.2612373**	**-1.28**	**0.200**	**-.8466404**	**.1773909**
5308	**.4369998**	**.5545128**	**0.79**	**0.431**	**-.6498254**	**1.523825**
5360	**-.1664055**	**.2046264**	**-0.81**	**0.416**	**-.5674658**	**.2346549**
5376	**-.0467723**	**.3134493**	**-0.15**	**0.881**	**-.6611216**	**.567577**
5380	**-2.078997**	**.7598355**	**-2.74**	**0.006**	**-3.568247**	**-.5897469**
5440	**-.3200006**	**.3892668**	**-0.82**	**0.411**	**-1.08295**	**.4429484**
5579	**-.3502635**	**.3247487**	**-1.08**	**0.281**	**-.9867593**	**.2862323**
5615	**-.4968835**	**.282615**	**-1.76**	**0.079**	**-1.050799**	**.0570317**
5631	**-.163365**	**.4727017**	**-0.35**	**0.730**	**-1.089843**	**.7631134**
5837	**-.8766983**	**.4071951**	**-2.15**	**0.031**	**-1.674786**	**-.0786106**
8001	**-.7980824**	**.1670278**	**-4.78**	**0.000**	**-1.125451**	**-.4707139**
8078	**-1.942162**	**1.061478**	**-1.83**	**0.067**	**-4.02262**	**.1382968**
8433	**-.3685973**	**.3490923**	**-1.06**	**0.291**	**-1.052806**	**.315611**
8638	**-.328763**	**.4237939**	**-0.78**	**0.438**	**-1.159384**	**.5018578**
8758	**-.7281724**	**.1879881**	**-3.87**	**0.000**	**-1.096622**	**-.3597225**
11001	**.4847063**	**.1848288**	**2.62**	**0.009**	**.1224485**	**.8469642**
13001	**-.787418**	**.1010513**	**-7.79**	**0.000**	**-.9854748**	**-.5893611**
13052	**-1.227649**	**.4704771**	**-2.61**	**0.009**	**-2.149767**	**-.3055311**
13244	**-.0581413**	**.2728772**	**-0.21**	**0.831**	**-.5929708**	**.4766883**
13430	**-1.40792**	**.3667947**	**-3.84**	**0.000**	**-2.126824**	**-.6890158**
13836	**-.6333227**	**.3798002**	**-1.67**	**0.095**	**-1.377717**	**.111072**
17001	**.0011141**	**.0853499**	**0.01**	**0.990**	**-.1661686**	**.1683967**
17174	**.0164701**	**.2329368**	**0.07**	**0.944**	**-.4400777**	**.4730179**
17380	**-.1725036**	**.2090989**	**-0.82**	**0.409**	**-.5823299**	**.2373228**
17873	**.7251342**	**.2173655**	**3.34**	**0.001**	**.2991056**	**1.151163**
23001	**-.8670041**	**.1365279**	**-6.35**	**0.000**	**-1.134594**	**-.5994143**

23162	-1.504603	.4800864	-3.13	0.002	-2.445555	-.5636509
23417	-.796709	.3489733	-2.28	0.022	-1.480684	-.1127339
23466	-.500164	.2892465	-1.73	0.084	-1.067077	.0667486
23555	-.8826965	.3588825	-2.46	0.014	-1.586093	-.1792996
23660	-1.682815	.4240429	-3.97	0.000	-2.513924	-.8517063
23807	-2.440685	1.020111	-2.39	0.017	-4.440066	-.4413035
41001	-.3984144	.1781598	-2.24	0.025	-.7476011	-.0492276
41298	.0450017	.2716183	0.17	0.868	-.4873605	.5773638
41551	-.5079577	.248314	-2.05	0.041	-.9946442	-.0212711
50001	.0323206	.1757277	0.18	0.854	-.3120994	.3767406
50006	.3166865	.2810788	1.13	0.260	-.2342179	.8675909
50313	-.5444356	.3799978	-1.43	0.152	-1.289218	.2003464
52001	.342167	.1361005	2.51	0.012	.075415	.6089191
52356	-.1967221	.2543869	-0.77	0.439	-.6953112	.3018671
52835	-1.300319	.3062389	-4.25	0.000	-1.900536	-.7001019
54001	-.1988708	.1273215	-1.56	0.118	-.4484164	.0506748
54405	-.7862573	.4171642	-1.88	0.059	-1.603884	.0313694
54498	-.4325957	.2972373	-1.46	0.146	-1.01517	.1499787
54518	-.1683385	.4005131	-0.42	0.674	-.9533299	.6166528
54874	-.0076831	.2310303	-0.03	0.973	-.4604941	.445128
66001	.0935189	.2071325	0.45	0.652	-.3124534	.4994912
66170	.1863261	.2394723	0.78	0.437	-.283031	.6556831
66400	.1852486	.372792	0.50	0.619	-.5454103	.9159075
66682	.1654348	.358292	0.46	0.644	-.5368045	.8676742
68001	-.3776539	.1707579	-2.21	0.027	-.7123333	-.0429745
68081	-.1299934	.2320787	-0.56	0.575	-.5848592	.3248724
68276	-.3622009	.1995826	-1.81	0.070	-.7533757	.0289739
68307	-.2980626	.2821629	-1.06	0.291	-.8510918	.2549666
68547	-.2989305	.3267737	-0.91	0.360	-.9393951	.3415341
68679	-.0909893	.4369559	-0.21	0.835	-.9474071	.7654286
76001	-.1736138	.1112113	-1.56	0.118	-.3915839	.0443563
76109	-1.154341	.2609877	-4.42	0.000	-1.665868	-.6428149
76111	-.437478	.3172201	-1.38	0.168	-1.059218	.184262
76147	-.1127769	.2490563	-0.45	0.651	-.6009182	.3753645
76248	-.448696	.6703372	-0.67	0.503	-1.762533	.8651407
76275	-.148911	.3305688	-0.45	0.652	-.7968139	.498992
76364	-.3858573	.2606644	-1.48	0.139	-.8967502	.1250356
76520	-.270275	.1620555	-1.67	0.095	-.587898	.047348
76563	.1168506	.2572136	0.45	0.650	-.3872788	.6209799
76736	.0887571	.527252	0.17	0.866	-.9446378	1.122152
76834	-.3579323	.2641297	-1.36	0.175	-.8756169	.1597523
76892	-.4397418	.2646158	-1.66	0.097	-.9583793	.0788957
mesano						
200810	.4942727	.3742045	1.32	0.187	-.2391547	1.2277
200811	.3906453	.3694422	1.06	0.290	-.3334481	1.114739
200812	.4113541	.3705842	1.11	0.267	-.3149776	1.137686
201310	.1026154	.3799774	0.27	0.787	-.6421266	.8473574
201311	.0119103	.3797612	0.03	0.975	-.7324079	.7562286
201312	.1628083	.3802815	0.43	0.669	-.5825298	.9081464
estrato_						
3	.0042286	.0367195	0.12	0.908	-.0677404	.0761976
4-6	.1505938	.0677671	2.22	0.026	.0177727	.2834148
sexo						
Male	-.136829	.214224	-0.64	0.523	-.5567003	.2830422
grupo_edad12						
26-50	.2640831	.0434523	6.08	0.000	.1789181	.349248
51-65	.4759396	.0528304	9.01	0.000	.3723939	.5794852
educ						
Primary	-.255285	.0465034	-5.49	0.000	-.34643	-.1641399
Secondary	-.5389141	.0602994	-8.94	0.000	-.6570988	-.4207294
Tertiary	-.6357374	.0554014	-11.48	0.000	-.7443222	-.5271527
jefeH	-.1452461	.0338033	-4.30	0.000	-.2114993	-.0789928
ocupa						
Working	.2975994	.0401177	7.42	0.000	.2189702	.3762286
Unemployed	.5017665	.0610021	8.23	0.000	.3822046	.6213284

Studying	**-.3982626**	**.0728806**	**-5.46**	**0.000**	**-.5411059**	**-.2554192**
civil	**-.2767912**	**.0340219**	**-8.14**	**0.000**	**-.3434729**	**-.2101096**
alcoholP	**1.147442**	**.0323228**	**35.50**	**0.000**	**1.08409**	**1.210794**
marijuanaEver	**1.324523**	**.0425136**	**31.16**	**0.000**	**1.241197**	**1.407848**
_cons	**-1.140124**	**.6081476**	**-1.87**	**0.061**	**-2.332071**	**.0518239**

Average marginal effects Number of obs = **41,916**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0065055**	**.0042683**	**-1.52**	**0.127**	**-.0148711**	**.0018602**
pcigXfemale	**-.0113873**	**.0042617**	**-2.67**	**0.008**	**-.0197401**	**-.0030346**

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**1.037323**	**.3086901**	**3.36**	**0.001**	**.4323012**	**1.642344**

(results r712 are active now)

added scalar:
e(test512) = **1.0373227**

added scalar:
e(test512_p) = **.00077829**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.3731933**	**.2448541**	**-1.52**	**0.127**	**-.8530985**	**.1067118**

(results r712 are active now)

added scalar:
e(pe_m12) = **-.37319333**

added scalar:
e(pe_m12_p) = **.12747227**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.410516**	**.5278843**	**-2.67**	**0.008**	**-2.44515**	**-.3758819**

(results r712 are active now)

added scalar:
e(pe_f12) = **-1.410516**

added scalar:
e(pe_f12_p) = **.00753967**

Iteration 0: log pseudolikelihood = **-17213.712**
Iteration 1: log pseudolikelihood = **-14965.661**
Iteration 2: log pseudolikelihood = **-14481.304**
Iteration 3: log pseudolikelihood = **-14474.742**
Iteration 4: log pseudolikelihood = **-14474.669**
Iteration 5: log pseudolikelihood = **-14474.669**

Logistic regression — Number of obs = **41,916**
Wald chi2(**100**) = **4732.42**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14474.669** — Pseudo R2 = **0.1591**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0807962	.0407248	-1.98	0.047	-.1606154	-.0009771
pcigXest2	-.0855405	.0425225	-2.01	0.044	-.1688831	-.0021978
pcigXest3	-.104538	.0494594	-2.11	0.035	-.2014768	-.0075993
municipi						
5045	-1.125826	.2272435	-4.95	0.000	-1.571215	-.680437
5079	-.6024698	.7656136	-0.79	0.431	-2.103045	.8981052
5088	-.1593392	.1506643	-1.06	0.290	-.4546358	.1359574
5129	.6335399	.3613997	1.75	0.080	-.0747905	1.34187
5147	-.7265007	.4081046	-1.78	0.075	-1.526371	.0733696
5154	-.9676978	.3052275	-3.17	0.002	-1.565933	-.369463
5172	-.2801076	.2465441	-1.14	0.256	-.7633252	.20311
5212	-.5190205	.3931863	-1.32	0.187	-1.289651	.2516105
5266	-.3624569	.2655332	-1.37	0.172	-.8828925	.1579786
5308	.443055	.5588139	0.79	0.428	-.6522	1.53831
5360	-.166952	.2071819	-0.81	0.420	-.573021	.239117
5376	-.0514566	.3168212	-0.16	0.871	-.6724147	.5695015
5380	-2.100345	.7644589	-2.75	0.006	-3.598657	-.6020329
5440	-.3309052	.396908	-0.83	0.404	-1.108831	.4470203
5579	-.3541339	.328185	-1.08	0.281	-.9973647	.2890969
5615	-.5010946	.2859822	-1.75	0.080	-1.061609	.0594201
5631	-.1829019	.4815035	-0.38	0.704	-1.126631	.7608276
5837	-.863267	.4123602	-2.09	0.036	-1.671478	-.0550559
8001	-.807047	.1671162	-4.83	0.000	-1.134589	-.4795053
8078	-1.956324	1.060687	-1.84	0.065	-4.035231	.122584
8433	-.3762627	.3483563	-1.08	0.280	-1.059029	.3065031
8638	-.3322215	.4223483	-0.79	0.432	-1.160009	.4955659
8758	-.7393073	.1879543	-3.93	0.000	-1.107691	-.3709237
11001	.4737403	.1850238	2.56	0.010	.1111003	.8363803
13001	-.7972612	.102111	-7.81	0.000	-.9973951	-.5971272
13052	-1.244152	.4725558	-2.63	0.008	-2.170345	-.3179598
13244	-.0617052	.2747513	-0.22	0.822	-.6002079	.4767976
13430	-1.41514	.368572	-3.84	0.000	-2.137528	-.6927526
13836	-.6410112	.3830539	-1.67	0.094	-1.391783	.1097606
17001	-.0073303	.087382	-0.08	0.933	-.178596	.1639353
17174	.0096634	.2352248	0.04	0.967	-.4513686	.4706955
17380	-.1669829	.2110899	-0.79	0.429	-.5807115	.2467456
17873	.7356599	.219144	3.36	0.001	.3061456	1.165174
23001	-.8763585	.1377697	-6.36	0.000	-1.146382	-.6063348
23162	-1.50341	.4824861	-3.12	0.002	-2.449065	-.5577546
23417	-.801047	.3518877	-2.28	0.023	-1.490734	-.1113598
23466	-.5063697	.2924589	-1.73	0.083	-1.079579	.0668393
23555	-.8831044	.3618097	-2.44	0.015	-1.592238	-.1739705
23660	-1.696833	.426493	-3.98	0.000	-2.532744	-.8609219
23807	-2.41884	1.021431	-2.37	0.018	-4.420807	-.4168726
41001	-.4103988	.1783221	-2.30	0.021	-.7599036	-.060894
41298	.0314303	.2720171	0.12	0.908	-.5017135	.5645741
41551	-.5098742	.2482897	-2.05	0.040	-.9965129	-.0232354
50001	.022496	.1761036	0.13	0.898	-.3226607	.3676526
50006	.3070159	.2804924	1.09	0.274	-.242739	.8567708
50313	-.5579702	.3799103	-1.47	0.142	-1.302581	.1866403
52001	.335903	.1368499	2.45	0.014	.0676821	.6041238
52356	-.2004897	.2549763	-0.79	0.432	-.700234	.2992547
52835	-1.304419	.3070763	-4.25	0.000	-1.906278	-.7025607
54001	-.20525	.1278718	-1.61	0.108	-.4558741	.0453741
54405	-.7987415	.4175316	-1.91	0.056	-1.617088	.0196054

54498	-.437389	.2978021	-1.47	0.142	-1.02107	.1462924
54518	-.1736413	.3998672	-0.43	0.664	-.9573666	.610084
54874	-.0155974	.2317018	-0.07	0.946	-.4697246	.4385298
66001	.0842993	.2076288	0.41	0.685	-.3226458	.4912443
66170	.1718109	.239303	0.72	0.473	-.2972144	.6408361
66400	.1780902	.3717528	0.48	0.632	-.5505318	.9067123
66682	.1599299	.3580161	0.45	0.655	-.5417687	.8616285
68001	-.3787126	.1712591	-2.21	0.027	-.7143743	-.0430509
68081	-.1315879	.2321609	-0.57	0.571	-.5866149	.3234391
68276	-.3659624	.1996265	-1.83	0.067	-.7572232	.0252983
68307	-.3088374	.2821243	-1.09	0.274	-.8617909	.2441161
68547	-.3042559	.3264997	-0.93	0.351	-.9441836	.3356718
68679	-.0946552	.4374968	-0.22	0.829	-.9521332	.7628229
76001	-.1818704	.111546	-1.63	0.103	-.4004966	.0367558
76109	-1.16396	.2611134	-4.46	0.000	-1.675733	-.6521873
76111	-.4461581	.3172894	-1.41	0.160	-1.068034	.1757177
76147	-.1162108	.249067	-0.47	0.641	-.6043732	.3719516
76248	-.4504218	.6685767	-0.67	0.501	-1.760808	.8599644
76275	-.1527448	.3314781	-0.46	0.645	-.8024299	.4969404
76364	-.3929173	.2606964	-1.51	0.132	-.903873	.1180383
76520	-.2773428	.1623569	-1.71	0.088	-.5955564	.0408709
76563	.1121198	.2573159	0.44	0.663	-.3922102	.6164498
76736	.0904289	.5275306	0.17	0.864	-.9435121	1.12437
76834	-.3654884	.2645707	-1.38	0.167	-.8840374	.1530607
76892	-.4473927	.2650578	-1.69	0.091	-.9668964	.072111
mesano						
200810	.5007995	.3731067	1.34	0.180	-.2304762	1.232075
200811	.3908693	.3682858	1.06	0.289	-.3309575	1.112696
200812	.411989	.3694366	1.12	0.265	-.3120935	1.136071
201310	.0982584	.3788681	0.26	0.795	-.6443095	.8408263
201311	.0067906	.3785615	0.02	0.986	-.7351763	.7487575
201312	.1585412	.3790774	0.42	0.676	-.5844368	.9015192
estrato_						
3	.0758492	.2502824	0.30	0.762	-.4146953	.5663937
4-6	.4952326	.4463701	1.11	0.267	-.3796367	1.370102
sexo						
Male	.569604	.0333331	17.09	0.000	.5042723	.6349356
grupo_edad12						
26-50	.2666569	.0434471	6.14	0.000	.181502	.3518117
51-65	.4760946	.0528124	9.01	0.000	.3725842	.5796051
educ						
Primary	-.2525185	.0464516	-5.44	0.000	-.3435619	-.1614751
Secondary	-.5402487	.0604167	-8.94	0.000	-.6586633	-.4218341
Tertiary	-.6321037	.0553451	-11.42	0.000	-.7405782	-.5236292
jefeH	-.1523332	.0336648	-4.52	0.000	-.218315	-.0863513
ocupa						
Working	.2873437	.0400601	7.17	0.000	.2088273	.36586
Unemployed	.4846574	.0609995	7.95	0.000	.3651005	.6042143
Studying	-.4134523	.0730748	-5.66	0.000	-.5566763	-.2702283
civil	-.2771304	.0340396	-8.14	0.000	-.3438469	-.210414
alcoholP	1.146926	.032318	35.49	0.000	1.083584	1.210268
marijuanaEver	1.325397	.042582	31.13	0.000	1.241938	1.408857
_cons	-1.556258	.6018424	-2.59	0.010	-2.735847	-.3766684

Average marginal effects Number of obs = **41,916**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0083676**	**.004217**	**-1.98**	**0.047**	**-.0166327**	**-.0001025**
pcigXest2	**-.0088589**	**.004403**	**-2.01**	**0.044**	**-.0174886**	**-.0002293**
pcigXest3	**-.0108264**	**.0051206**	**-2.11**	**0.034**	**-.0208626**	**-.0007902**

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0794937**	**.1442255**	**-0.55**	**0.582**	**-.3621706**	**.2031832**

(results r812 are active now)

added scalar:
e(test312) = **-.07949369**

added scalar:
e(test312_p) = **.58151288**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0960307**	**.2308695**	**0.42**	**0.677**	**-.3564652**	**.5485266**

(results r812 are active now)

added scalar:
e(test412) = **.09603074**

added scalar:
e(test412_p) = **.67744477**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7407654**	**.3733198**	**-1.98**	**0.047**	**-1.472459**	**-.009072**

(results r812 are active now)

added scalar:
e(pe_est112) = **-.74076537**

added scalar:
e(pe_est112_p) = **.04722631**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.6612717**	**.3286571**	**-2.01**	**0.044**	**-1.305428**	**-.0171155**

(results r812 are active now)

added scalar:
e(pe_est212) = **-.66127168**

added scalar:
e(pe_est212_p) = **.04421561**
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7573024**	**.3581833**	**-2.11**	**0.034**	**-1.459329**	**-.0552761**

(results r812 are active now)

added scalar:
e(pe_est312) = **-.75730242**

added scalar:
e(pe_est312_p) = **.03449071**
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\o
> utput/tables/tableME12.csv)
(41927 differences between edad and grupo_edad13)

RECODE of edad (Age)	Freq.	Percent	Cum.
13-25	**12,301**	**28.80**	**28.80**
26-50	**20,878**	**48.87**	**77.67**
51-65	**8,748**	**20.48**	**98.15**
12	**792**	**1.85**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**6,194**	**5408367**	**.1584186**	**.3651331**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**1,541**	**2701084**	**.1989361**	**.3991999**	**0**	**1**

```
Iteration 0:   log pseudolikelihood = -17069.557
Iteration 1:   log pseudolikelihood = -14836.609
Iteration 2:   log pseudolikelihood =  -14381.57
Iteration 3:   log pseudolikelihood = -14375.571
Iteration 4:   log pseudolikelihood = -14375.505
Iteration 5:   log pseudolikelihood = -14375.505

Logistic regression                               Number of obs     =     41,106
                                                  Wald chi2(100)    =    4614.44
                                                  Prob > chi2       =     0.0000
Log pseudolikelihood = -14375.505                 Pseudo R2         =     0.1578
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven13	-.0523242	.0423387	-1.24	0.217	-.1353066	.0306582
pcigXadulto13	-.0739972	.0410144	-1.80	0.071	-.1543839	.0063896
pcigXviejo13	-.1663593	.043334	-3.84	0.000	-.2512924	-.0814262
municipi						
5045	-1.110781	.2280432	-4.87	0.000	-1.557738	-.6638247
5079	-.6537239	.7588309	-0.86	0.389	-2.141005	.8335573
5088	-.1591752	.1516009	-1.05	0.294	-.4563075	.137957
5129	.5848764	.3595188	1.63	0.104	-.1197676	1.28952
5147	-.7381702	.4095037	-1.80	0.071	-1.540783	.0644423
5154	-.9712727	.3030248	-3.21	0.001	-1.56519	-.3773549
5172	-.2825343	.2474746	-1.14	0.254	-.7675757	.2025071
5212	-.5202537	.395268	-1.32	0.188	-1.294965	.2544574
5266	-.4169847	.266214	-1.57	0.117	-.9387547	.1047852
5308	.3972139	.5390691	0.74	0.461	-.6593422	1.45377
5360	-.1849579	.2065532	-0.90	0.371	-.5897947	.219879
5376	-.0183119	.3196285	-0.06	0.954	-.6447721	.6081484
5380	-2.121992	.7828633	-2.71	0.007	-3.656376	-.5876086
5440	-.3424365	.3918954	-0.87	0.382	-1.110537	.4256644
5579	-.3559688	.3340068	-1.07	0.287	-1.01061	.2986725
5615	-.5169808	.2858967	-1.81	0.071	-1.077328	.0433664
5631	-.2045284	.4823598	-0.42	0.672	-1.149936	.7408794
5837	-.8418365	.4105407	-2.05	0.040	-1.646481	-.0371915
8001	-.7866763	.1673888	-4.70	0.000	-1.114752	-.4586003
8078	-1.95046	1.060763	-1.84	0.066	-4.029517	.1285974
8433	-.3631823	.3484049	-1.04	0.297	-1.046043	.3196788
8638	-.3139084	.4213125	-0.75	0.456	-1.139666	.5118489
8758	-.7247513	.1882318	-3.85	0.000	-1.093679	-.3558238
11001	.4920941	.1853455	2.66	0.008	.1288235	.8553647
13001	-.7916821	.1020163	-7.76	0.000	-.9916304	-.5917339
13052	-1.289488	.4740764	-2.72	0.007	-2.218661	-.3603157
13244	-.0706099	.2769333	-0.25	0.799	-.6133891	.4721694
13430	-1.445373	.3674858	-3.93	0.000	-2.165632	-.7251137
13836	-.6386893	.3816576	-1.67	0.094	-1.386724	.1093458
17001	-.0109412	.0861456	-0.13	0.899	-.1797834	.157901
17174	-.0095093	.2349912	-0.04	0.968	-.4700836	.4510651
17380	-.2033519	.2125527	-0.96	0.339	-.6199476	.2132438
17873	.737948	.220573	3.35	0.001	.3056328	1.170263
23001	-.8714915	.1375504	-6.34	0.000	-1.141085	-.6018976
23162	-1.517606	.4843344	-3.13	0.002	-2.466883	-.5683276
23417	-.836186	.3568385	-2.34	0.019	-1.535577	-.1367954
23466	-.4969045	.291386	-1.71	0.088	-1.068011	.0742016
23555	-.8776126	.3617422	-2.43	0.015	-1.586614	-.1686109
23660	-1.685214	.4254425	-3.96	0.000	-2.519066	-.8513622
23807	-2.396926	1.021312	-2.35	0.019	-4.398661	-.3951908
41001	-.3851188	.1787157	-2.15	0.031	-.7353951	-.0348425
41298	.0626494	.2735345	0.23	0.819	-.4734683	.5987672
41551	-.4927788	.248489	-1.98	0.047	-.9798084	-.0057492
50001	.0331859	.1767988	0.19	0.851	-.3133334	.3797052
50006	.3493035	.28123	1.24	0.214	-.2018971	.9005042
50313	-.5243384	.3842131	-1.36	0.172	-1.277382	.2287054
52001	.348527	.1372326	2.54	0.011	.079556	.6174981
52356	-.1709162	.2557937	-0.67	0.504	-.6722626	.3304303
52835	-1.311607	.3064506	-4.28	0.000	-1.912239	-.7109745
54001	-.1964477	.1278437	-1.54	0.124	-.4470168	.0541214
54405	-.7837029	.4170457	-1.88	0.060	-1.601097	.0336916

54498	-.4188315	.2969369	-1.41	0.158	-1.000817	.1631542
54518	-.1875518	.4006494	-0.47	0.640	-.9728102	.5977065
54874	-.0123746	.2315724	-0.05	0.957	-.4662482	.4414989
66001	.1031535	.2077172	0.50	0.619	-.3039648	.5102718
66170	.1963909	.2398354	0.82	0.413	-.2736777	.6664596
66400	.2196498	.3738033	0.59	0.557	-.5129912	.9522909
66682	.2062546	.361698	0.57	0.569	-.5026605	.9151697
68001	-.3672957	.1711404	-2.15	0.032	-.7027247	-.0318668
68081	-.1427143	.2339022	-0.61	0.542	-.6011542	.3157256
68276	-.3552706	.1997106	-1.78	0.075	-.7466963	.0361551
68307	-.2856349	.2821377	-1.01	0.311	-.8386147	.2673449
68547	-.2833262	.3257907	-0.87	0.384	-.9218643	.3552119
68679	-.0659484	.4361028	-0.15	0.880	-.9206942	.7887973
76001	-.1727521	.1116851	-1.55	0.122	-.3916508	.0461467
76109	-1.160878	.2612449	-4.44	0.000	-1.672909	-.6488476
76111	-.4583616	.3184004	-1.44	0.150	-1.082415	.1656918
76147	-.1203858	.2486269	-0.48	0.628	-.6076856	.366914
76248	-.4430565	.6652044	-0.67	0.505	-1.746833	.8607202
76275	-.146678	.3310421	-0.44	0.658	-.7955086	.5021526
76364	-.383872	.2615354	-1.47	0.142	-.896472	.128728
76520	-.2888076	.162717	-1.77	0.076	-.6077272	.0301119
76563	.1253655	.2575701	0.49	0.626	-.3794627	.6301937
76736	.1179413	.5284738	0.22	0.823	-.9178482	1.153731
76834	-.3605983	.2647956	-1.36	0.173	-.879588	.1583915
76892	-.4423189	.2669802	-1.66	0.098	-.9655905	.0809526
mesano						
200810	.4698802	.371964	1.26	0.207	-.2591558	1.198916
200811	.3737363	.3671187	1.02	0.309	-.3458031	1.093276
200812	.3991065	.3682624	1.08	0.278	-.3226745	1.120887
201310	.0997653	.3776887	0.26	0.792	-.6404909	.8400214
201311	.0105935	.377454	0.03	0.978	-.7292027	.7503896
201312	.1673403	.3779486	0.44	0.658	-.5734254	.908106
estrato_						
3	.0082081	.0367508	0.22	0.823	-.0638222	.0802385
4-6	.1416071	.0679921	2.08	0.037	.008345	.2748691
sexo						
Male	.5816397	.0335632	17.33	0.000	.515857	.6474224
grupo_edad13						
26-50	.5732688	.2579264	2.22	0.026	.0677424	1.078795
51-65	2.147207	.3153983	6.81	0.000	1.529038	2.765377
educ						
Primary	-.2611434	.046615	-5.60	0.000	-.3525072	-.1697797
Secondary	-.5507955	.0603107	-9.13	0.000	-.6690022	-.4325887
Tertiary	-.652403	.0553968	-11.78	0.000	-.7609788	-.5438272
jefeH	-.1670962	.033697	-4.96	0.000	-.2331411	-.1010513
ocupa						
Working	.2883651	.04058	7.11	0.000	.2088297	.3679005
Unemployed	.477821	.0612684	7.80	0.000	.3577371	.5979049
Studying	-.2868545	.0759514	-3.78	0.000	-.4357164	-.1379925
civil	-.2810141	.0339317	-8.28	0.000	-.347519	-.2145091
alcoholP	1.129283	.0323845	34.87	0.000	1.065811	1.192755
marijuanaEver	1.310904	.0424497	30.88	0.000	1.227704	1.394104
_cons	-1.942613	.6247466	-3.11	0.002	-3.167094	-.7181323

Average marginal effects Number of obs = **41,106**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven13 pcigXadulto13 pcigXviejo13**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven13	**-.0055045**	**.0044536**	**-1.24**	**0.216**	**-.0142335**	**.0032245**
pcigXadulto13	**-.0077845**	**.0043142**	**-1.80**	**0.071**	**-.0162401**	**.0006711**
pcigXviejo13	**-.0175011**	**.0045553**	**-3.84**	**0.000**	**-.0264293**	**-.0085728**

Confidence interval for formula:
_b[pcigXjoven13]*(13.9154879735949/131)-_b[pcigXadulto13]*(13.9154879735949/132)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0002359**	**.0001874**	**1.26**	**0.208**	**-.0001313**	**.0006032**

(results r613 are active now)

added scalar:
e(test113) = **.00023593**

added scalar:
e(test113_p) = **.20798062**
Confidence interval for formula:
_b[pcigXadulto13]*(13.9154879735949/132)-_b[pcigXviejo13]*(13.9154879735949/133)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0010104**	**.000203**	**4.98**	**0.000**	**.0006127**	**.0014082**

(results r613 are active now)

added scalar:
e(test213) = **.00101045**

added scalar:
e(test213_p) = **6.401e-07**
Confidence interval for formula:
_b[pcigXjoven13]*(13.9154879735949/131)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0005847**	**.0004731**	**-1.24**	**0.216**	**-.001512**	**.0003425**

(results r613 are active now)

added scalar:
e(pe_age131) = **-.00058472**

added scalar:
e(pe_age131_p) = **.21647337**
Confidence interval for formula:
_b[pcigXadulto13]*(13.9154879735949/132)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0008206**	**.0004548**	**-1.80**	**0.071**	**-.001712**	**.0000707**

(results r613 are active now)

added scalar:
e(pe_age132) = **-.00082065**

added scalar:
e(pe_age132_p) = **.07116594**
Confidence interval for formula:
_b[pcigXviejo13]*(13.9154879735949/133)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0018311**	**.0004766**	**-3.84**	**0.000**	**-.0027652**	**-.000897**

(results r613 are active now)

added scalar:
e(pe_age133) = **-.0018311**

added scalar:
e(pe_age133_p) = **.00012208**

Iteration 0: log pseudolikelihood = **-17069.557**
Iteration 1: log pseudolikelihood = **-14848.724**
Iteration 2: log pseudolikelihood = **-14394.492**
Iteration 3: log pseudolikelihood = **-14388.543**
Iteration 4: log pseudolikelihood = **-14388.477**
Iteration 5: log pseudolikelihood = **-14388.477**

Logistic regression — Number of obs = **41,106**
Wald chi2(**99**) = **4623.72**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14388.477** — Pseudo R2 = **0.1571**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0667676**	**.0412762**	**-1.62**	**0.106**	**-.1476675**	**.0141323**
pcigXfemale	**-.113438**	**.0411853**	**-2.75**	**0.006**	**-.1941596**	**-.0327164**
municipi						
5045	**-1.110697**	**.2251728**	**-4.93**	**0.000**	**-1.552028**	**-.6693667**
5079	**-.6103686**	**.7619417**	**-0.80**	**0.423**	**-2.103747**	**.8830097**
5088	**-.1688613**	**.1504013**	**-1.12**	**0.262**	**-.4636423**	**.1259198**
5129	**.601236**	**.3545075**	**1.70**	**0.090**	**-.0935859**	**1.296058**
5147	**-.7132083**	**.4027436**	**-1.77**	**0.077**	**-1.502571**	**.0761545**
5154	**-.9637852**	**.3027585**	**-3.18**	**0.001**	**-1.557181**	**-.3703894**
5172	**-.2763543**	**.2451161**	**-1.13**	**0.260**	**-.7567729**	**.2040644**
5212	**-.5359614**	**.3912241**	**-1.37**	**0.171**	**-1.302747**	**.2308237**
5266	**-.3666214**	**.2655011**	**-1.38**	**0.167**	**-.8869939**	**.1537511**
5308	**.4195106**	**.5512191**	**0.76**	**0.447**	**-.6608589**	**1.49988**
5360	**-.1739808**	**.2042243**	**-0.85**	**0.394**	**-.574253**	**.2262915**
5376	**-.0260938**	**.3166274**	**-0.08**	**0.934**	**-.6466722**	**.5944845**
5380	**-2.064205**	**.76006**	**-2.72**	**0.007**	**-3.553895**	**-.5745151**
5440	**-.3242586**	**.3893695**	**-0.83**	**0.405**	**-1.087409**	**.4388915**
5579	**-.3611257**	**.3246443**	**-1.11**	**0.266**	**-.9974168**	**.2751654**
5615	**-.501348**	**.2813439**	**-1.78**	**0.075**	**-1.052772**	**.0500759**
5631	**-.164028**	**.4742319**	**-0.35**	**0.729**	**-1.093505**	**.7654495**
5837	**-.8704581**	**.407618**	**-2.14**	**0.033**	**-1.669375**	**-.0715416**
8001	**-.784484**	**.1671753**	**-4.69**	**0.000**	**-1.112142**	**-.4568264**
8078	**-1.929083**	**1.061154**	**-1.82**	**0.069**	**-4.008906**	**.1507395**
8433	**-.3649292**	**.3487641**	**-1.05**	**0.295**	**-1.048494**	**.3186359**
8638	**-.3138497**	**.4240951**	**-0.74**	**0.459**	**-1.145061**	**.5173614**
8758	**-.7156873**	**.1881576**	**-3.80**	**0.000**	**-1.084469**	**-.3469052**
11001	**.4982149**	**.1849786**	**2.69**	**0.007**	**.1356635**	**.8607662**
13001	**-.7851915**	**.1011281**	**-7.76**	**0.000**	**-.9833989**	**-.586984**
13052	**-1.228701**	**.4706753**	**-2.61**	**0.009**	**-2.151207**	**-.306194**
13244	**-.0573882**	**.2736643**	**-0.21**	**0.834**	**-.5937604**	**.4789841**
13430	**-1.415889**	**.3665685**	**-3.86**	**0.000**	**-2.13435**	**-.6974279**
13836	**-.6334609**	**.3803093**	**-1.67**	**0.096**	**-1.378853**	**.1119317**
17001	**-.0051159**	**.0853009**	**-0.06**	**0.952**	**-.1723027**	**.1620708**
17174	**.0054313**	**.2326242**	**0.02**	**0.981**	**-.4505038**	**.4613664**
17380	**-.1852808**	**.2084956**	**-0.89**	**0.374**	**-.5939246**	**.223363**
17873	**.7452734**	**.2189921**	**3.40**	**0.001**	**.3160568**	**1.17449**
23001	**-.8663198**	**.1364383**	**-6.35**	**0.000**	**-1.133734**	**-.5989057**
23162	**-1.494449**	**.4801801**	**-3.11**	**0.002**	**-2.435584**	**-.5533132**
23417	**-.7988365**	**.3485217**	**-2.29**	**0.022**	**-1.481926**	**-.1157466**
23466	**-.4964654**	**.2901909**	**-1.71**	**0.087**	**-1.065229**	**.0722983**
23555	**-.8826882**	**.3593916**	**-2.46**	**0.014**	**-1.587083**	**-.1782937**
23660	**-1.675495**	**.4240568**	**-3.95**	**0.000**	**-2.506631**	**-.8443589**

23807	-2.449758	1.020011	-2.40	0.016	-4.448944	-.450573
41001	-.3840858	.1785292	-2.15	0.031	-.7339965	-.034175
41298	.0744081	.2723564	0.27	0.785	-.4594005	.6082168
41551	-.4921955	.2485068	-1.98	0.048	-.9792598	-.0051312
50001	.0413401	.1762039	0.23	0.815	-.3040133	.3866935
50006	.3445427	.2822105	1.22	0.222	-.2085798	.8976651
50313	-.5079314	.3824871	-1.33	0.184	-1.257592	.2417296
52001	.3477217	.1361884	2.55	0.011	.0807972	.6146461
52356	-.1802015	.2550753	-0.71	0.480	-.6801398	.3197368
52835	-1.297703	.3063574	-4.24	0.000	-1.898153	-.6972538
54001	-.19175	.1273814	-1.51	0.132	-.4414129	.0579129
54405	-.7788823	.41677	-1.87	0.062	-1.595737	.0379719
54498	-.4239976	.2968864	-1.43	0.153	-1.005884	.1578892
54518	-.1791631	.3991831	-0.45	0.654	-.9615477	.6032214
54874	-.0074655	.2309148	-0.03	0.974	-.4600502	.4451193
66001	.1074592	.2072255	0.52	0.604	-.2986952	.5136137
66170	.2040199	.2394489	0.85	0.394	-.2652913	.673331
66400	.1870077	.3721817	0.50	0.615	-.5424551	.9164705
66682	.184761	.360381	0.51	0.608	-.5215728	.8910949
68001	-.3651886	.1708717	-2.14	0.033	-.700091	-.0302863
68081	-.139626	.2337655	-0.60	0.550	-.5977981	.318546
68276	-.352941	.1996309	-1.77	0.077	-.7442103	.0383283
68307	-.2824021	.2818427	-1.00	0.316	-.8348036	.2699995
68547	-.2842863	.3268825	-0.87	0.384	-.9249642	.3563916
68679	-.0787861	.4357541	-0.18	0.857	-.9328484	.7752763
76001	-.168277	.1113054	-1.51	0.131	-.3864317	.0498776
76109	-1.1573	.2609322	-4.44	0.000	-1.668718	-.6458826
76111	-.4444604	.3172506	-1.40	0.161	-1.06626	.1773393
76147	-.1120914	.2484312	-0.45	0.652	-.5990076	.3748248
76248	-.4402483	.6700586	-0.66	0.511	-1.753539	.8730424
76275	-.1474358	.3303416	-0.45	0.655	-.7948935	.5000219
76364	-.3840544	.2607417	-1.47	0.141	-.8950987	.1269899
76520	-.2847704	.162429	-1.75	0.080	-.6031253	.0335846
76563	.1205869	.2572816	0.47	0.639	-.3836757	.6248495
76736	.1059373	.5296421	0.20	0.841	-.9321422	1.144017
76834	-.3584205	.2637753	-1.36	0.174	-.8754107	.1585697
76892	-.4349082	.2649699	-1.64	0.101	-.9542397	.0844232
mesano						
200810	.4883546	.3747092	1.30	0.192	-.246062	1.222771
200811	.389377	.3699624	1.05	0.293	-.335736	1.11449
200812	.4110645	.3711043	1.11	0.268	-.3162866	1.138416
201310	.110464	.3804712	0.29	0.772	-.6352457	.8561738
201311	.0218665	.3802559	0.06	0.954	-.7234213	.7671544
201312	.1771685	.3807684	0.47	0.642	-.5691238	.9234608
estrato_						
3	.0081804	.0367541	0.22	0.824	-.0638563	.0802171
4-6	.1479396	.0678	2.18	0.029	.0150541	.2808252
sexo						
Male	-.1169659	.2143657	-0.55	0.585	-.537115	.3031831
grupo_edad13						
26-50	.2408282	.0432447	5.57	0.000	.1560701	.3255864
51-65	.4414627	.0529035	8.34	0.000	.3377738	.5451516
educ						
Primary	-.2523164	.0465964	-5.41	0.000	-.3436436	-.1609892
Secondary	-.5537047	.0603275	-9.18	0.000	-.6719444	-.435465
Tertiary	-.6499262	.0554629	-11.72	0.000	-.7586315	-.5412209
jefeH	-.1435112	.0337749	-4.25	0.000	-.2097089	-.0773136
ocupa						
Working	.2832546	.0401406	7.06	0.000	.2045804	.3619287
Unemployed	.4823427	.0610326	7.90	0.000	.362721	.6019645
Studying	-.3277851	.0734579	-4.46	0.000	-.47176	-.1838103
civil	-.28414	.0338869	-8.38	0.000	-.3505572	-.2177228
alcoholP	1.128842	.0323558	34.89	0.000	1.065425	1.192258
marijuanaEver	1.310398	.0424308	30.88	0.000	1.227235	1.39356

_cons	**-1.051977**	**.6086521**	**-1.73**	**0.084**	**-2.244913**	**.1409595**

Average marginal effects Number of obs = **41,106**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0070302**	**.0043456**	**-1.62**	**0.106**	**-.0155474**	**.0014871**
pcigXfemale	**-.0119443**	**.0043353**	**-2.76**	**0.006**	**-.0204413**	**-.0034472**

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**1.076205**	**.3138311**	**3.43**	**0.001**	**.4611075**	**1.691303**

(results r713 are active now)

added scalar:
e(test513) = **1.0762052**

added scalar:
e(test513_p) = **.00060525**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.4032953**	**.2492916**	**-1.62**	**0.106**	**-.8918978**	**.0853073**

(results r713 are active now)

added scalar:
e(pe_m13) = **-.40329527**

added scalar:
e(pe_m13_p) = **.10571319**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.4795**	**.5370003**	**-2.76**	**0.006**	**-2.532002**	**-.4269993**

(results r713 are active now)

added scalar:
e(pe_f13) = **-1.4795004**

added scalar:
e(pe_f13_p) = **.00586705**

Iteration 0: log pseudolikelihood = **-17069.557**
Iteration 1: log pseudolikelihood = **-14852.176**
Iteration 2: log pseudolikelihood = **-14399.76**
Iteration 3: log pseudolikelihood = **-14393.883**
Iteration 4: log pseudolikelihood = **-14393.817**
Iteration 5: log pseudolikelihood = **-14393.817**

Logistic regression

Log pseudolikelihood = **-14393.817**

Number of obs	= **41,106**
Wald chi2(**100**)	= **4614.22**
Prob > chi2	= **0.0000**
Pseudo R2	= **0.1568**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0848583	.0407645	-2.08	0.037	-.1647554	-.0049613
pcigXest2	-.0892313	.0425465	-2.10	0.036	-.1726208	-.0058418
pcigXest3	-.1068606	.0494495	-2.16	0.031	-.2037799	-.0099414
municipi						
5045	-1.123655	.2269985	-4.95	0.000	-1.568563	-.6787456
5079	-.6042309	.7660419	-0.79	0.430	-2.105645	.8971838
5088	-.16556	.1520999	-1.09	0.276	-.4636703	.1325503
5129	.6218048	.3585854	1.73	0.083	-.0810097	1.324619
5147	-.7341835	.4068721	-1.80	0.071	-1.531638	.0632712
5154	-.9661775	.3056312	-3.16	0.002	-1.565204	-.3671514
5172	-.2767828	.2469661	-1.12	0.262	-.7608274	.2072618
5212	-.5226688	.3920095	-1.33	0.182	-1.290993	.2456558
5266	-.3933074	.2697991	-1.46	0.145	-.9221039	.1354892
5308	.424429	.5555196	0.76	0.445	-.6643693	1.513227
5360	-.1750506	.2067738	-0.85	0.397	-.5803198	.2302186
5376	-.0293276	.3203071	-0.09	0.927	-.6571181	.5984628
5380	-2.084861	.7648005	-2.73	0.006	-3.583843	-.5858798
5440	-.3350741	.3969791	-0.84	0.399	-1.113139	.4429907
5579	-.3655026	.3280989	-1.11	0.265	-1.008565	.2775593
5615	-.5057075	.2846665	-1.78	0.076	-1.063644	.0522286
5631	-.1831384	.4830612	-0.38	0.705	-1.129921	.7636442
5837	-.8558919	.4128523	-2.07	0.038	-1.665067	-.0467164
8001	-.7931706	.1672719	-4.74	0.000	-1.121018	-.4653236
8078	-1.942887	1.060336	-1.83	0.067	-4.021107	.1353325
8433	-.372025	.3480403	-1.07	0.285	-1.054171	.3101215
8638	-.3170673	.4226192	-0.75	0.453	-1.145386	.5112511
8758	-.7265009	.1881334	-3.86	0.000	-1.095236	-.3577662
11001	.4877043	.185183	2.63	0.008	.1247523	.8506564
13001	-.7955379	.1021901	-7.78	0.000	-.9958267	-.595249
13052	-1.246661	.4726912	-2.64	0.008	-2.173118	-.3202028
13244	-.0613621	.2755144	-0.22	0.824	-.6013603	.4786362
13430	-1.42348	.3683442	-3.86	0.000	-2.145422	-.7015391
13836	-.6419331	.3835134	-1.67	0.094	-1.393606	.1097392
17001	-.0130199	.0873034	-0.15	0.881	-.1841313	.1580915
17174	-.0014308	.2349121	-0.01	0.995	-.46185	.4589885
17380	-.1805142	.2104752	-0.86	0.391	-.593038	.2320096
17873	.7554116	.220854	3.42	0.001	.3225458	1.188277
23001	-.8761096	.1376567	-6.36	0.000	-1.145912	-.6063074
23162	-1.493871	.482616	-3.10	0.002	-2.439781	-.5479607
23417	-.8035169	.3514052	-2.29	0.022	-1.492258	-.1147754
23466	-.5021443	.2934138	-1.71	0.087	-1.077225	.0729363
23555	-.8836983	.3623306	-2.44	0.015	-1.593853	-.1735434
23660	-1.690424	.4265225	-3.96	0.000	-2.526392	-.8544549
23807	-2.430397	1.021348	-2.38	0.017	-4.432203	-.4285917
41001	-.3955308	.1786917	-2.21	0.027	-.7457601	-.0453014
41298	.060595	.2727473	0.22	0.824	-.4739799	.5951699
41551	-.4939884	.2484885	-1.99	0.047	-.9810169	-.0069599
50001	.0318528	.1765753	0.18	0.857	-.3142285	.377934
50006	.3354178	.2815935	1.19	0.234	-.2164952	.8873309
50313	-.521169	.3823498	-1.36	0.173	-1.270561	.2282228
52001	.3418008	.1369456	2.50	0.013	.0733923	.6102093
52356	-.1841248	.2557097	-0.72	0.471	-.6853066	.317057
52835	-1.302145	.3071879	-4.24	0.000	-1.904222	-.7000676
54001	-.1981707	.1279367	-1.55	0.121	-.448922	.0525806
54405	-.7913478	.4171172	-1.90	0.058	-1.608882	.0261868
54498	-.4282989	.2974691	-1.44	0.150	-1.011328	.1547299
54518	-.1844457	.39852	-0.46	0.643	-.9655305	.5966391
54874	-.0152651	.2315888	-0.07	0.947	-.4691708	.4386405
66001	.0985192	.2077242	0.47	0.635	-.3086128	.5056511
66170	.1895098	.2392969	0.79	0.428	-.2795036	.6585231
66400	.1805693	.3711825	0.49	0.627	-.546935	.9080737
66682	.1793099	.3600109	0.50	0.618	-.5262985	.8849182

68001	-.3663374	.1713708	-2.14	0.033	-.7022181	-.0304568
68081	-.1416325	.2338034	-0.61	0.545	-.5998787	.3166138
68276	-.356276	.1996781	-1.78	0.074	-.7476379	.035086
68307	-.2927251	.2818139	-1.04	0.299	-.8450703	.25962
68547	-.2891514	.3266299	-0.89	0.376	-.9293342	.3510315
68679	-.0823866	.436242	-0.19	0.850	-.9374053	.7726321
76001	-.1762376	.1116456	-1.58	0.114	-.3950591	.0425838
76109	-1.166897	.2610569	-4.47	0.000	-1.678559	-.6552345
76111	-.4530437	.3173187	-1.43	0.153	-1.074977	.1688894
76147	-.1154371	.2484315	-0.46	0.642	-.602354	.3714797
76248	-.4417041	.6683549	-0.66	0.509	-1.751656	.8682475
76275	-.1511644	.3312552	-0.46	0.648	-.8004126	.4980837
76364	-.3911984	.2607821	-1.50	0.134	-.9023219	.1199251
76520	-.2919497	.1627266	-1.79	0.073	-.610888	.0269885
76563	.1153975	.2574229	0.45	0.654	-.389142	.619937
76736	.1074609	.5299497	0.20	0.839	-.9312214	1.146143
76834	-.3657377	.2642344	-1.38	0.166	-.8836276	.1521523
76892	-.4421865	.2654272	-1.67	0.096	-.9624142	.0780412
mesano						
200810	.4952187	.3735598	1.33	0.185	-.236945	1.227382
200811	.3900624	.3687478	1.06	0.290	-.3326699	1.112795
200812	.4123141	.3698976	1.11	0.265	-.3126718	1.1373
201310	.1069236	.379308	0.28	0.778	-.6365063	.8503536
201311	.0176979	.379002	0.05	0.963	-.7251323	.7605282
201312	.1738061	.3795067	0.46	0.647	-.5700133	.9176256
estrato_						
3	.0741798	.2501548	0.30	0.767	-.4161145	.5644742
4-6	.4668096	.4455595	1.05	0.295	-.4064709	1.34009
sexo						
Male	.5823847	.0335077	17.38	0.000	.5167108	.6480585
grupo_edad13						
26-50	.2432844	.0432389	5.63	0.000	.1585378	.3280311
51-65	.4415372	.0528842	8.35	0.000	.3378861	.5451883
educ						
Primary	-.2495788	.0465452	-5.36	0.000	-.3408057	-.1583519
Secondary	-.5550322	.0604434	-9.18	0.000	-.673499	-.4365654
Tertiary	-.6463012	.0554075	-11.66	0.000	-.7548979	-.5377045
jefeH	-.1506031	.0336362	-4.48	0.000	-.2165289	-.0846773
ocupa						
Working	.2730565	.0400785	6.81	0.000	.1945042	.3516089
Unemployed	.4652584	.0610222	7.62	0.000	.345657	.5848598
Studying	-.342737	.0736586	-4.65	0.000	-.4871052	-.1983689
civil	-.2844842	.033904	-8.39	0.000	-.3509348	-.2180337
alcoholP	1.128319	.0323499	34.88	0.000	1.064914	1.191724
marijuanaEver	1.311168	.0424977	30.85	0.000	1.227874	1.394462
_cons	-1.459994	.6026095	-2.42	0.015	-2.641087	-.2789009

Average marginal effects Number of obs = **41,106**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0089364**	**.0042923**	**-2.08**	**0.037**	**-.0173491**	**-.0005238**
pcigXest2	**-.009397**	**.0044797**	**-2.10**	**0.036**	**-.018177**	**-.0006169**
pcigXest3	**-.0112535**	**.0052059**	**-2.16**	**0.031**	**-.0214568**	**-.0010502**

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0896915**	**.1466598**	**-0.61**	**0.541**	**-.3771394**	**.1977565**

(results r813 are active now)

added scalar:
e(test313) = **-.08969146**

added scalar:
e(test313_p) = **.5408281**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0857458**	**.2344261**	**0.37**	**0.715**	**-.3737209**	**.5452126**

(results r813 are active now)

added scalar:
e(test413) = **.08574582**

added scalar:
e(test413_p) = **.71453741**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7911236**	**.3799838**	**-2.08**	**0.037**	**-1.535878**	**-.046369**

(results r813 are active now)

added scalar:
e(pe_est113) = **-.7911236**

added scalar:
e(pe_est113_p) = **.03734311**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7014321**	**.3343839**	**-2.10**	**0.036**	**-1.356813**	**-.0460517**

(results r813 are active now)

added scalar:
e(pe_est213) = **-.70143214**

added scalar:
e(pe_est213_p) = **.03593298**
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.787178**	**.3641482**	**-2.16**	**0.031**	**-1.500895**	**-.0734606**

(results r813 are active now)

added scalar:
e(pe_est313) = **-.78717796**

added scalar:
e(pe_est313_p) = **.03064157**
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/tables/tableME13.csv)
(41117 differences between edad and grupo_edad14)

RECODE of edad (Age)	Freq.	Percent	Cum.
14-25	**11,491**	**26.90**	**26.90**
26-50	**20,878**	**48.87**	**75.77**
51-65	**8,748**	**20.48**	**96.25**
12	**792**	**1.85**	**98.10**
13	**810**	**1.90**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,758**	**5011976**	**.1694489**	**.375148**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**1,541**	**2701084**	**.1989361**	**.3991999**	**0**	**1**

Iteration 0: log pseudolikelihood = **-16899.202**
Iteration 1: log pseudolikelihood = **-14694.492**
Iteration 2: log pseudolikelihood = **-14267.356**
Iteration 3: log pseudolikelihood = **-14261.875**
Iteration 4: log pseudolikelihood = **-14261.816**
Iteration 5: log pseudolikelihood = **-14261.816**

Logistic regression — Number of obs = **40,245**
Wald chi2(**100**) = **4509.78**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14261.816** — Pseudo R2 = **0.1561**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven14	-.0532046	.042446	-1.25	0.210	-.1363972	.0299879
pcigXadulto14	-.0757195	.0410963	-1.84	0.065	-.1562668	.0048278
pcigXviejo14	-.1677814	.0433996	-3.87	0.000	-.2528429	-.0827198
municipi						
5045	-1.151763	.2324963	-4.95	0.000	-1.607447	-.6960783
5079	-.6311285	.7638862	-0.83	0.409	-2.128318	.8660608
5088	-.1594654	.1515404	-1.05	0.293	-.4564792	.1375485
5129	.5825488	.3583971	1.63	0.104	-.1198967	1.284994
5147	-.7469826	.4071142	-1.83	0.067	-1.544912	.0509465
5154	-.9681799	.3033943	-3.19	0.001	-1.562822	-.373538
5172	-.2701479	.2486322	-1.09	0.277	-.757458	.2171621
5212	-.5249477	.3941972	-1.33	0.183	-1.29756	.2476647
5266	-.4181365	.2656957	-1.57	0.116	-.9388905	.1026174
5308	.4163764	.5438823	0.77	0.444	-.6496134	1.482366
5360	-.1958223	.2061451	-0.95	0.342	-.5998592	.2082146
5376	-.0251572	.3201402	-0.08	0.937	-.6526205	.602306
5380	-2.116141	.7808382	-2.71	0.007	-3.646556	-.5857265
5440	-.3325194	.3941547	-0.84	0.399	-1.105048	.4400096
5579	-.364368	.3338588	-1.09	0.275	-1.018719	.2899833
5615	-.5045979	.2860884	-1.76	0.078	-1.065321	.0561251
5631	-.2160259	.4819852	-0.45	0.654	-1.1607	.7286477
5837	-.8453324	.4108737	-2.06	0.040	-1.65063	-.0400347
8001	-.77869	.1677186	-4.64	0.000	-1.107412	-.4499676
8078	-1.949243	1.059552	-1.84	0.066	-4.025928	.1274414
8433	-.370144	.348227	-1.06	0.288	-1.052656	.3123685
8638	-.3243536	.4208223	-0.77	0.441	-1.14915	.5004429
8758	-.7186528	.1885978	-3.81	0.000	-1.088298	-.3490079
11001	.4984909	.1857876	2.68	0.007	.1343539	.862628
13001	-.7898279	.1020262	-7.74	0.000	-.9897955	-.5898602
13052	-1.288721	.4740515	-2.72	0.007	-2.217845	-.3595974
13244	-.0690742	.2783377	-0.25	0.804	-.6146061	.4764576
13430	-1.440791	.3677808	-3.92	0.000	-2.161629	-.7199542
13836	-.6308024	.3828149	-1.65	0.099	-1.381106	.119501
17001	-.0085738	.0862436	-0.10	0.921	-.1776082	.1604606
17174	-.0627825	.2373383	-0.26	0.791	-.527957	.402392
17380	-.2150996	.2122209	-1.01	0.311	-.6310448	.2008456
17873	.7333447	.2214295	3.31	0.001	.299351	1.167338
23001	-.8687892	.1374737	-6.32	0.000	-1.138233	-.5993456
23162	-1.524699	.4831238	-3.16	0.002	-2.471604	-.5777932
23417	-.8235241	.3570131	-2.31	0.021	-1.523257	-.1237913
23466	-.4985109	.2919228	-1.71	0.088	-1.070669	.0736473
23555	-.8761021	.3620161	-2.42	0.016	-1.585641	-.1665636
23660	-1.692599	.4247163	-3.99	0.000	-2.525028	-.8601704
23807	-2.378478	1.022418	-2.33	0.020	-4.38238	-.3745761
41001	-.3773229	.1789597	-2.11	0.035	-.7280774	-.0265683
41298	.0777246	.2736526	0.28	0.776	-.4586246	.6140738
41551	-.500626	.2486567	-2.01	0.044	-.9879841	-.0132679
50001	.0329266	.1774293	0.19	0.853	-.3148284	.3806816
50006	.3537507	.2825155	1.25	0.211	-.1999695	.907471
50313	-.5309429	.3856344	-1.38	0.169	-1.286772	.2248866
52001	.3485866	.1371746	2.54	0.011	.0797294	.6174438
52356	-.1711915	.2562006	-0.67	0.504	-.6733354	.3309524
52835	-1.301399	.3069614	-4.24	0.000	-1.903033	-.6997661
54001	-.2005361	.1281911	-1.56	0.118	-.4517861	.0507139
54405	-.7594873	.4172763	-1.82	0.069	-1.577334	.0583593

54498	-.4196929	.2962252	-1.42	0.157	-1.000284	.1608978
54518	-.1834231	.401343	-0.46	0.648	-.9700408	.6031946
54874	-.0147281	.2317954	-0.06	0.949	-.4690386	.4395825
66001	.1125831	.2084276	0.54	0.589	-.2959274	.5210936
66170	.1871865	.2406442	0.78	0.437	-.2844674	.6588404
66400	.2083048	.3732233	0.56	0.577	-.5231995	.9398091
66682	.2325256	.3617959	0.64	0.520	-.4765814	.9416326
68001	-.3658733	.1714907	-2.13	0.033	-.701989	-.0297576
68081	-.1334856	.2342914	-0.57	0.569	-.5926884	.3257171
68276	-.3706092	.2007473	-1.85	0.065	-.7640667	.0228483
68307	-.2885695	.2817755	-1.02	0.306	-.8408392	.2637003
68547	-.2729561	.3261386	-0.84	0.403	-.912176	.3662638
68679	-.0631758	.4344934	-0.15	0.884	-.9147672	.7884155
76001	-.1694226	.1118711	-1.51	0.130	-.388686	.0498407
76109	-1.160962	.2616609	-4.44	0.000	-1.673808	-.6481165
76111	-.4702745	.3188946	-1.47	0.140	-1.095296	.1547474
76147	-.1128861	.2488758	-0.45	0.650	-.6006737	.3749014
76248	-.4526891	.6632696	-0.68	0.495	-1.752674	.8472954
76275	-.1286296	.3329518	-0.39	0.699	-.781203	.5239439
76364	-.3827254	.2621435	-1.46	0.144	-.8965172	.1310664
76520	-.2971993	.1636398	-1.82	0.069	-.6179273	.0235288
76563	.1395248	.2595099	0.54	0.591	-.3691053	.648155
76736	.1086235	.5280869	0.21	0.837	-.9264078	1.143655
76834	-.4037862	.2699611	-1.50	0.135	-.9329003	.1253278
76892	-.4388029	.2677481	-1.64	0.101	-.9635795	.0859738
mesano						
200810	.4842576	.3710976	1.30	0.192	-.2430804	1.211596
200811	.3896044	.3662481	1.06	0.287	-.3282286	1.107437
200812	.4236106	.3674028	1.15	0.249	-.2964857	1.143707
201310	.1247784	.3769076	0.33	0.741	-.6139469	.8635036
201311	.0312664	.3766741	0.08	0.934	-.7070012	.7695341
201312	.1919219	.3771582	0.51	0.611	-.5472946	.9311384
estrato_						
3	.0133008	.0368258	0.36	0.718	-.0588765	.0854781
4-6	.1433584	.0680935	2.11	0.035	.0098976	.2768191
sexo						
Male	.5948891	.0338081	17.60	0.000	.5286265	.6611518
grupo_edad14						
26-50	.5538582	.2588019	2.14	0.032	.0466157	1.061101
51-65	2.110336	.3158591	6.68	0.000	1.491263	2.729408
educ						
Primary	-.2509736	.046627	-5.38	0.000	-.3423608	-.1595863
Secondary	-.5669796	.0603644	-9.39	0.000	-.6852916	-.4486675
Tertiary	-.6690421	.055492	-12.06	0.000	-.7778043	-.5602798
jefeH	-.1667189	.0336693	-4.95	0.000	-.2327095	-.1007283
ocupa						
Working	.2696946	.0406095	6.64	0.000	.1901016	.3492877
Unemployed	.4517631	.0613304	7.37	0.000	.3315577	.5719685
Studying	-.2115171	.0768905	-2.75	0.006	-.3622197	-.0608146
civil	-.2908838	.0337742	-8.61	0.000	-.3570801	-.2246875
alcoholP	1.110702	.0324944	34.18	0.000	1.047014	1.17439
marijuanaEver	1.294892	.0424874	30.48	0.000	1.211618	1.378166
_cons	-1.893378	.6254093	-3.03	0.002	-3.119157	-.667598

Average marginal effects — Number of obs = **40,245**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven14 pcigXadulto14 pcigXviejo14**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven14	**-.0056876**	**.0045371**	**-1.25**	**0.210**	**-.0145802**	**.0032049**
pcigXadulto14	**-.0080945**	**.0043927**	**-1.84**	**0.065**	**-.016704**	**.0005149**
pcigXviejo14	**-.0179361**	**.004636**	**-3.87**	**0.000**	**-.0270224**	**-.0088497**

Confidence interval for formula:
_b[pcigXjoven14]*(13.9154879735949/141)-_b[pcigXadulto14]*(13.9154879735949/142)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0002319**	**.0001777**	**1.30**	**0.192**	**-.0001165**	**.0005803**

(results r614 are active now)

added scalar:
e(test114) = **.00023191**

added scalar:
e(test114_p) = **.19198498**
Confidence interval for formula:
_b[pcigXadulto14]*(13.9154879735949/142)-_b[pcigXviejo14]*(13.9154879735949/143)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0009521**	**.0001912**	**4.98**	**0.000**	**.0005773**	**.0013269**

(results r614 are active now)

added scalar:
e(test214) = **.00095214**

added scalar:
e(test214_p) = **6.390e-07**
Confidence interval for formula:
_b[pcigXjoven14]*(13.9154879735949/141)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0005613**	**.0004478**	**-1.25**	**0.210**	**-.0014389**	**.0003163**

(results r614 are active now)

added scalar:
e(pe_age141) = **-.00056132**

added scalar:
e(pe_age141_p) = **.2099944**
Confidence interval for formula:
_b[pcigXadulto14]*(13.9154879735949/142)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0007932**	**.0004305**	**-1.84**	**0.065**	**-.0016369**	**.0000505**

(results r614 are active now)

added scalar:
e(pe_age142) = **-.00079323**

added scalar:
e(pe_age142_p) = **.0653677**
Confidence interval for formula:
_b[pcigXviejo14]*(13.9154879735949/143)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0017454**	**.0004511**	**-3.87**	**0.000**	**-.0026296**	**-.0008612**

(results r614 are active now)

added scalar:
e(pe_age143) = **-.00174538**

added scalar:
e(pe_age143_p) = **.00010934**

Iteration 0: log pseudolikelihood = **-16899.202**
Iteration 1: log pseudolikelihood = **-14706.963**
Iteration 2: log pseudolikelihood = **-14280.659**
Iteration 3: log pseudolikelihood = **-14275.225**
Iteration 4: log pseudolikelihood = **-14275.166**
Iteration 5: log pseudolikelihood = **-14275.166**

Logistic regression — Number of obs = **40,245**
Wald chi2(**99**) = **4517.48**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14275.166** — Pseudo R2 = **0.1553**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0690303**	**.0413516**	**-1.67**	**0.095**	**-.150078**	**.0120173**
pcigXfemale	**-.1143324**	**.0412747**	**-2.77**	**0.006**	**-.1952293**	**-.0334354**
municipi						
5045	**-1.151175**	**.2298777**	**-5.01**	**0.000**	**-1.601727**	**-.7006234**
5079	**-.5855715**	**.7676721**	**-0.76**	**0.446**	**-2.090181**	**.9190381**
5088	**-.169017**	**.1503926**	**-1.12**	**0.261**	**-.4637811**	**.125747**
5129	**.5992362**	**.3538008**	**1.69**	**0.090**	**-.0942006**	**1.292673**
5147	**-.7242008**	**.4008971**	**-1.81**	**0.071**	**-1.509945**	**.061543**
5154	**-.9613134**	**.303342**	**-3.17**	**0.002**	**-1.555853**	**-.3667741**
5172	**-.2625127**	**.2464037**	**-1.07**	**0.287**	**-.7454551**	**.2204297**
5212	**-.5408931**	**.3904155**	**-1.39**	**0.166**	**-1.306093**	**.2243071**
5266	**-.3690714**	**.2651949**	**-1.39**	**0.164**	**-.8888439**	**.1507011**
5308	**.4386421**	**.5567685**	**0.79**	**0.431**	**-.6526041**	**1.529888**
5360	**-.1856273**	**.2039638**	**-0.91**	**0.363**	**-.585389**	**.2141345**
5376	**-.0328523**	**.3174318**	**-0.10**	**0.918**	**-.6550071**	**.5893026**
5380	**-2.060041**	**.7583754**	**-2.72**	**0.007**	**-3.546429**	**-.5736521**
5440	**-.316375**	**.3919178**	**-0.81**	**0.420**	**-1.08452**	**.4517697**
5579	**-.3707862**	**.32472**	**-1.14**	**0.254**	**-1.007226**	**.2656532**
5615	**-.4891942**	**.2816689**	**-1.74**	**0.082**	**-1.041255**	**.0628668**
5631	**-.1772036**	**.4743579**	**-0.37**	**0.709**	**-1.106928**	**.7525207**
5837	**-.8747924**	**.4081351**	**-2.14**	**0.032**	**-1.674723**	**-.0748623**
8001	**-.7769078**	**.1674975**	**-4.64**	**0.000**	**-1.105197**	**-.4486187**
8078	**-1.929162**	**1.059935**	**-1.82**	**0.069**	**-4.006597**	**.1482727**
8433	**-.3717424**	**.3484907**	**-1.07**	**0.286**	**-1.054772**	**.3112868**
8638	**-.3241456**	**.4234419**	**-0.77**	**0.444**	**-1.154077**	**.5057853**
8758	**-.7100702**	**.1885084**	**-3.77**	**0.000**	**-1.07954**	**-.3406005**
11001	**.5039232**	**.1854178**	**2.72**	**0.007**	**.1405109**	**.8673355**
13001	**-.7843959**	**.101199**	**-7.75**	**0.000**	**-.9827422**	**-.5860496**
13052	**-1.229966**	**.4710193**	**-2.61**	**0.009**	**-2.153147**	**-.3067853**
13244	**-.0574019**	**.2752534**	**-0.21**	**0.835**	**-.5968886**	**.4820849**
13430	**-1.411686**	**.3670157**	**-3.85**	**0.000**	**-2.131024**	**-.692349**
13836	**-.6241084**	**.3816305**	**-1.64**	**0.102**	**-1.37209**	**.1238736**
17001	**-.0026901**	**.085454**	**-0.03**	**0.975**	**-.1701768**	**.1647966**
17174	**-.0474752**	**.2352611**	**-0.20**	**0.840**	**-.5085785**	**.4136281**
17380	**-.1975396**	**.208343**	**-0.95**	**0.343**	**-.6058844**	**.2108052**
17873	**.7420762**	**.2200766**	**3.37**	**0.001**	**.310734**	**1.173418**
23001	**-.8645528**	**.1364424**	**-6.34**	**0.000**	**-1.131975**	**-.5971307**
23162	**-1.502365**	**.4790958**	**-3.14**	**0.002**	**-2.441376**	**-.5633548**
23417	**-.7861757**	**.3489413**	**-2.25**	**0.024**	**-1.470088**	**-.1022633**
23466	**-.4988565**	**.2909515**	**-1.71**	**0.086**	**-1.069111**	**.0713981**
23555	**-.8805087**	**.3598802**	**-2.45**	**0.014**	**-1.585861**	**-.1751563**
23660	**-1.685018**	**.4234311**	**-3.98**	**0.000**	**-2.514928**	**-.8551086**

23807	-2.432094	1.021077	-2.38	0.017	-4.433368	-.4308193
41001	-.3768215	.1787744	-2.11	0.035	-.7272129	-.0264301
41298	.0876209	.2724835	0.32	0.748	-.4464369	.6216786
41551	-.4996529	.2486407	-2.01	0.044	-.9869798	-.012326
50001	.0405705	.1768389	0.23	0.819	-.3060273	.3871684
50006	.3483618	.2834179	1.23	0.219	-.207127	.9038507
50313	-.5148191	.3838358	-1.34	0.180	-1.267123	.2374852
52001	.3471565	.1361495	2.55	0.011	.0803083	.6140047
52356	-.1804602	.2554706	-0.71	0.480	-.6811733	.3202529
52835	-1.287644	.3069111	-4.20	0.000	-1.889178	-.686109
54001	-.1962209	.1277451	-1.54	0.125	-.4465968	.054155
54405	-.7552615	.4169599	-1.81	0.070	-1.572488	.0619649
54498	-.4249407	.2961802	-1.43	0.151	-1.005443	.1555618
54518	-.1757548	.3999386	-0.44	0.660	-.9596201	.6081106
54874	-.0102548	.2311643	-0.04	0.965	-.4633285	.4428189
66001	.1161558	.2079433	0.56	0.576	-.2914055	.5237171
66170	.1936188	.2402399	0.81	0.420	-.2772428	.6644804
66400	.1762555	.371508	0.47	0.635	-.5518869	.9043979
66682	.2116523	.3604032	0.59	0.557	-.494725	.9180297
68001	-.3641382	.1712135	-2.13	0.033	-.6997105	-.0285659
68081	-.1308967	.23412	-0.56	0.576	-.5897635	.32797
68276	-.3682561	.2006417	-1.84	0.066	-.7615067	.0249944
68307	-.2855514	.2814721	-1.01	0.310	-.8372267	.2661239
68547	-.2748043	.3271701	-0.84	0.401	-.916046	.3664373
68679	-.0765887	.4341762	-0.18	0.860	-.9275584	.7743811
76001	-.1654917	.1115095	-1.48	0.138	-.3840462	.0530629
76109	-1.158208	.2613346	-4.43	0.000	-1.670415	-.6460019
76111	-.4564309	.3177588	-1.44	0.151	-1.079227	.166365
76147	-.1041526	.248693	-0.42	0.675	-.5915819	.3832766
76248	-.4497541	.6679517	-0.67	0.501	-1.758915	.8594072
76275	-.1302032	.3323033	-0.39	0.695	-.7815056	.5210993
76364	-.3832446	.2613485	-1.47	0.143	-.8954783	.1289892
76520	-.293758	.1633715	-1.80	0.072	-.6139603	.0264444
76563	.134493	.25928	0.52	0.604	-.3736864	.6426724
76736	.0965184	.5292397	0.18	0.855	-.9407725	1.133809
76834	-.4011817	.2690273	-1.49	0.136	-.9284654	.126102
76892	-.431047	.2657309	-1.62	0.105	-.95187	.089776
mesano						
200810	.5015752	.373611	1.34	0.179	-.230689	1.233839
200811	.4039445	.3688525	1.10	0.273	-.318993	1.126882
200812	.4339639	.3700042	1.17	0.241	-.291231	1.159159
201310	.1342361	.3794514	0.35	0.724	-.609475	.8779471
201311	.0413058	.3792343	0.11	0.913	-.7019799	.7845914
201312	.200212	.3797391	0.53	0.598	-.544063	.944487
estrato_						
3	.0134269	.0368279	0.36	0.715	-.0587545	.0856082
4-6	.1495816	.0679061	2.20	0.028	.0164881	.2826751
sexo						
Male	-.0835598	.2150572	-0.39	0.698	-.5050641	.3379446
grupo_edad14						
26-50	.2094996	.0430063	4.87	0.000	.1252088	.2937904
51-65	.3974456	.0529781	7.50	0.000	.2936105	.5012807
educ						
Primary	-.241755	.0466002	-5.19	0.000	-.3330898	-.1504202
Secondary	-.5697248	.0603862	-9.43	0.000	-.6880795	-.4513701
Tertiary	-.6660608	.0555479	-11.99	0.000	-.7749326	-.557189
jefeH	-.1434897	.0337481	-4.25	0.000	-.2096347	-.0773446
ocupa						
Working	.2652917	.040222	6.60	0.000	.186458	.3441254
Unemployed	.4567147	.0611445	7.47	0.000	.3368737	.5765557
Studying	-.2507972	.0746765	-3.36	0.001	-.3971604	-.104434
civil	-.2937772	.033736	-8.71	0.000	-.3598986	-.2276559
alcoholP	1.110496	.0324655	34.21	0.000	1.046865	1.174127
marijuanaEver	1.294677	.042471	30.48	0.000	1.211435	1.377919

_cons	**-1.002218**	**.6087178**	**-1.65**	**0.100**	**-2.195283**	**.1908469**

Average marginal effects Number of obs = **40,245**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0073862**	**.0044241**	**-1.67**	**0.095**	**-.0160572**	**.0012848**
pcigXfemale	**-.0122334**	**.0044151**	**-2.77**	**0.006**	**-.0208869**	**-.0035799**

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**1.091604**	**.3197242**	**3.41**	**0.001**	**.4649557**	**1.718252**

(results r714 are active now)

added scalar:
e(test514) = **1.0916036**

added scalar:
e(test514_p) = **.00063969**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.4237167**	**.2537921**	**-1.67**	**0.095**	**-.9211401**	**.0737067**

(results r714 are active now)

added scalar:
e(pe_m14) = **-.42371669**

added scalar:
e(pe_m14_p) = **.09500993**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.51532**	**.5468892**	**-2.77**	**0.006**	**-2.587204**	**-.4434372**

(results r714 are active now)

added scalar:
e(pe_f14) = **-1.5153203**

added scalar:
e(pe_f14_p) = **.00559189**

Iteration 0: log pseudolikelihood = **-16899.202**
Iteration 1: log pseudolikelihood = **-14710.149**
Iteration 2: log pseudolikelihood = **-14285.591**
Iteration 3: log pseudolikelihood = **-14280.223**
Iteration 4: log pseudolikelihood = **-14280.164**
Iteration 5: log pseudolikelihood = **-14280.164**

Logistic regression

Number of obs	= 40,245
Wald chi2(100)	= 4508.70
Prob > chi2	= 0.0000
Log pseudolikelihood = -14280.164	Pseudo R2 = 0.1550

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0862522	.0408582	-2.11	0.035	-.1663327	-.0061716
pcigXest2	-.0920335	.0426013	-2.16	0.031	-.1755305	-.0085365
pcigXest3	-.106926	.049475	-2.16	0.031	-.2038953	-.0099567
municipi						
5045	-1.164544	.2315446	-5.03	0.000	-1.618363	-.710725
5079	-.5802425	.7717247	-0.75	0.452	-2.092795	.9323102
5088	-.1669766	.1521031	-1.10	0.272	-.4650931	.13114
5129	.6189121	.3577568	1.73	0.084	-.0822784	1.320103
5147	-.7438658	.4048578	-1.84	0.066	-1.537373	.0496409
5154	-.9633696	.3061783	-3.15	0.002	-1.563468	-.3632712
5172	-.2630337	.2482571	-1.06	0.289	-.7496086	.2235412
5212	-.5278831	.3910412	-1.35	0.177	-1.29431	.2385435
5266	-.3968572	.2694022	-1.47	0.141	-.9248758	.1311614
5308	.4461031	.5613515	0.79	0.427	-.6541257	1.546332
5360	-.1885908	.2065327	-0.91	0.361	-.5933874	.2162059
5376	-.0386426	.3210537	-0.12	0.904	-.6678964	.5906111
5380	-2.08116	.7631148	-2.73	0.006	-3.576837	-.5854824
5440	-.3275384	.3996338	-0.82	0.412	-1.110806	.4557294
5579	-.3737924	.3281574	-1.14	0.255	-1.016969	.2693844
5615	-.4941129	.2850197	-1.73	0.083	-1.052741	.0645154
5631	-.1991211	.4829408	-0.41	0.680	-1.145668	.7474255
5837	-.8593884	.4132616	-2.08	0.038	-1.669366	-.0494105
8001	-.7855182	.1675873	-4.69	0.000	-1.113983	-.4570532
8078	-1.941956	1.059143	-1.83	0.067	-4.017837	.1339249
8433	-.3789551	.3478064	-1.09	0.276	-1.060643	.302733
8638	-.3273571	.422046	-0.78	0.438	-1.154552	.4998379
8758	-.7206959	.1884806	-3.82	0.000	-1.090111	-.3512808
11001	.4938468	.1856073	2.66	0.008	.1300633	.8576304
13001	-.7941718	.1022561	-7.77	0.000	-.99459	-.5937536
13052	-1.24658	.4730635	-2.64	0.008	-2.173768	-.319393
13244	-.0591962	.2771815	-0.21	0.831	-.6024619	.4840695
13430	-1.418046	.3687844	-3.85	0.000	-2.14085	-.6952414
13836	-.6331621	.384785	-1.65	0.100	-1.387327	.1210025
17001	-.0113234	.0874893	-0.13	0.897	-.1827993	.1601524
17174	-.0539117	.2376519	-0.23	0.821	-.5197008	.4118774
17380	-.1924428	.2103211	-0.91	0.360	-.6046646	.219779
17873	.7504297	.2218859	3.38	0.001	.3155413	1.185318
23001	-.8734183	.1376398	-6.35	0.000	-1.143187	-.6036492
23162	-1.501618	.4814239	-3.12	0.002	-2.445192	-.5580447
23417	-.7902382	.3518041	-2.25	0.025	-1.479762	-.1007149
23466	-.5046116	.2941244	-1.72	0.086	-1.081085	.0718616
23555	-.8821176	.3628039	-2.43	0.015	-1.5932	-.1710351
23660	-1.698514	.4258169	-3.99	0.000	-2.5331	-.8639286
23807	-2.411017	1.022559	-2.36	0.018	-4.415196	-.406839
41001	-.3883865	.1789443	-2.17	0.030	-.739111	-.037662
41298	.0747715	.2728652	0.27	0.784	-.4600344	.6095775
41551	-.5011995	.2486171	-2.02	0.044	-.98848	-.0139189
50001	.031311	.1771894	0.18	0.860	-.3159737	.3785958
50006	.3399889	.2827927	1.20	0.229	-.2142747	.8942525
50313	-.5277834	.383685	-1.38	0.169	-1.279792	.2242253
52001	.3414334	.1368966	2.49	0.013	.073121	.6097459
52356	-.1844501	.2560705	-0.72	0.471	-.6863392	.3174389
52835	-1.291519	.3077438	-4.20	0.000	-1.894686	-.6883526
54001	-.202374	.1282803	-1.58	0.115	-.4537988	.0490507
54405	-.7664802	.4172811	-1.84	0.066	-1.584336	.0513757
54498	-.4293168	.2967412	-1.45	0.148	-1.010919	.1522851
54518	-.1807088	.3992867	-0.45	0.651	-.9632964	.6018787
54874	-.0178742	.2318283	-0.08	0.939	-.4722494	.4365009
66001	.1073038	.2084216	0.51	0.607	-.301195	.5158026
66170	.1793505	.240087	0.75	0.455	-.2912115	.6499124
66400	.1705085	.3704921	0.46	0.645	-.5556427	.8966596
66682	.2060427	.3599539	0.57	0.567	-.4994541	.9115394

68001	-.3654528	.1716995	-2.13	0.033	-.7019776	-.0289281
68081	-.1332152	.2341277	-0.57	0.569	-.5920971	.3256667
68276	-.3718255	.2006762	-1.85	0.064	-.7651435	.0214926
68307	-.2955114	.2814388	-1.05	0.294	-.8471213	.2560984
68547	-.2789537	.3269328	-0.85	0.394	-.9197302	.3618229
68679	-.0797414	.4346191	-0.18	0.854	-.9315793	.7720964
76001	-.1732714	.1118379	-1.55	0.121	-.3924697	.0459268
76109	-1.167305	.2614768	-4.46	0.000	-1.67979	-.6548198
76111	-.4650387	.3178358	-1.46	0.143	-1.087985	.157908
76147	-.1078535	.2487008	-0.43	0.665	-.5952981	.3795911
76248	-.4510356	.6663423	-0.68	0.498	-1.757043	.8549714
76275	-.1331149	.3331986	-0.40	0.690	-.7861723	.5199424
76364	-.3904052	.261398	-1.49	0.135	-.9027358	.1219255
76520	-.300917	.1636522	-1.84	0.066	-.6216695	.0198354
76563	.129758	.2594166	0.50	0.617	-.3786892	.6382052
76736	.0982343	.5295534	0.19	0.853	-.9396712	1.13614
76834	-.409123	.2694243	-1.52	0.129	-.937185	.118939
76892	-.4382947	.2661664	-1.65	0.100	-.9599713	.0833819
mesano						
200810	.5083237	.3725091	1.36	0.172	-.2217808	1.238428
200811	.4043171	.3676891	1.10	0.271	-.3163403	1.124975
200812	.4350127	.3688476	1.18	0.238	-.2879153	1.157941
201310	.130842	.3783378	0.35	0.729	-.6106865	.8723705
201311	.0369996	.378033	0.10	0.922	-.7039316	.7779307
201312	.1970752	.3785284	0.52	0.603	-.5448268	.9389773
estrato_						
3	.1006664	.2506595	0.40	0.688	-.3906171	.59195
4-6	.4497053	.4455775	1.01	0.313	-.4236105	1.323021
sexo						
Male	.5954511	.0337551	17.64	0.000	.5292923	.6616098
grupo_edad14						
26-50	.2115401	.0430013	4.92	0.000	.1272591	.2958211
51-65	.3970109	.0529626	7.50	0.000	.2932061	.5008157
educ						
Primary	-.2391795	.0465508	-5.14	0.000	-.3304174	-.1479417
Secondary	-.5712827	.0605014	-9.44	0.000	-.6898632	-.4527021
Tertiary	-.6627877	.0555004	-11.94	0.000	-.7715665	-.554009
jefeH	-.1501586	.0336114	-4.47	0.000	-.2160358	-.0842815
ocupa						
Working	.2550839	.0401515	6.35	0.000	.1763884	.3337795
Unemployed	.4397868	.0611173	7.20	0.000	.3199992	.5595745
Studying	-.2659388	.0748657	-3.55	0.000	-.4126728	-.1192047
civil	-.2941916	.0337526	-8.72	0.000	-.3603454	-.2280378
alcoholP	1.10997	.0324595	34.20	0.000	1.04635	1.173589
marijuanaEver	1.295281	.0425312	30.45	0.000	1.211922	1.378641
_cons	-1.40262	.6028256	-2.33	0.020	-2.584137	-.2211038

Average marginal effects Number of obs = **40,245**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0092303**	**.0043718**	**-2.11**	**0.035**	**-.0177988**	**-.0006617**
pcigXest2	**-.009849**	**.004558**	**-2.16**	**0.031**	**-.0187826**	**-.0009153**
pcigXest3	**-.0114427**	**.0052929**	**-2.16**	**0.031**	**-.0218166**	**-.0010688**

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0819638**	**.1494827**	**-0.55**	**0.583**	**-.3749446**	**.2110169**

(results r814 are active now)

added scalar:
e(test314) = **-.08196385**

added scalar:
e(test314_p) = **.58347451**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0652391**	**.237949**	**0.27**	**0.784**	**-.4011323**	**.5316105**

(results r814 are active now)

added scalar:
e(test414) = **.06523909**

added scalar:
e(test414_p) = **.78395198**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.8171347**	**.3870236**	**-2.11**	**0.035**	**-1.575687**	**-.0585823**

(results r814 are active now)

added scalar:
e(pe_est114) = **-.81713471**

added scalar:
e(pe_est114_p) = **.03474394**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7351709**	**.3402333**	**-2.16**	**0.031**	**-1.402016**	**-.0683258**

(results r814 are active now)

added scalar:
e(pe_est214) = **-.73517086**

added scalar:
e(pe_est214_p) = **.03071201**
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.80041**	**.3702366**	**-2.16**	**0.031**	**-1.52606**	**-.0747595**

(results r814 are active now)

added scalar:
e(pe_est314) = **-.80040995**

added scalar:
e(pe_est314_p) = **.03062684**
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/tables/tableME14.csv)
(40256 differences between edad and grupo_edad15)

RECODE of edad (Age)	Freq.	Percent	Cum.
15-25	**10,630**	**24.88**	**24.88**
26-50	**20,878**	**48.87**	**73.76**
51-65	**8,748**	**20.48**	**94.23**
12	**792**	**1.85**	**96.09**
13	**810**	**1.90**	**97.98**
14	**861**	**2.02**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,303**	**4619691**	**.1819985**	**.3858434**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	1,541	2701084	.1989361	.3991999	0	1

Iteration 0: log pseudolikelihood = **-16657.164**
Iteration 1: log pseudolikelihood = **-14488.187**
Iteration 2: log pseudolikelihood = **-14084.884**
Iteration 3: log pseudolikelihood = **-14079.799**
Iteration 4: log pseudolikelihood = **-14079.745**
Iteration 5: log pseudolikelihood = **-14079.745**

Logistic regression — Number of obs = **39,351**; Wald chi2(**100**) = **4406.91**; Prob > chi2 = **0.0000**; Log pseudolikelihood = **-14079.745**; Pseudo R2 = **0.1547**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven15	-.0508894	.0427824	-1.19	0.234	-.1347414	.0329625
pcigXadulto15	-.0777875	.041332	-1.88	0.060	-.1587967	.0032217
pcigXviejo15	-.1696803	.0436131	-3.89	0.000	-.2551603	-.0842002
municipi						
5045	-1.135098	.2330601	-4.87	0.000	-1.591887	-.6783083
5079	-.6337984	.764985	-0.83	0.407	-2.133142	.8655446
5088	-.1325084	.1527585	-0.87	0.386	-.4319095	.1668927
5129	.5633174	.3554956	1.58	0.113	-.1334411	1.260076
5147	-.7599898	.4048322	-1.88	0.060	-1.553446	.0334667
5154	-.9486075	.304274	-3.12	0.002	-1.544974	-.3522414
5172	-.2689136	.248908	-1.08	0.280	-.7567643	.218937
5212	-.5140989	.3958658	-1.30	0.194	-1.289982	.2617839
5266	-.420061	.2651933	-1.58	0.113	-.9398303	.0997082
5308	.3962747	.5399686	0.73	0.463	-.6620444	1.454594
5360	-.1957908	.2062061	-0.95	0.342	-.5999474	.2083658
5376	-.0363493	.3201455	-0.11	0.910	-.663823	.5911243
5380	-2.111301	.7783415	-2.71	0.007	-3.636822	-.5857794
5440	-.3331341	.3941279	-0.85	0.398	-1.105611	.4393423
5579	-.4624103	.3485175	-1.33	0.185	-1.145492	.2206715
5615	-.5072133	.2849421	-1.78	0.075	-1.06569	.051263
5631	-.2254943	.4816225	-0.47	0.640	-1.169457	.7184685
5837	-.8491155	.4112129	-2.06	0.039	-1.655078	-.0431529
8001	-.7797466	.168636	-4.62	0.000	-1.110267	-.4492262
8078	-1.917737	1.060255	-1.81	0.070	-3.995797	.1603243
8433	-.3127225	.3511352	-0.89	0.373	-1.000935	.37549
8638	-.3372415	.4208373	-0.80	0.423	-1.162067	.4875845
8758	-.7163802	.1900088	-3.77	0.000	-1.088791	-.3439698
11001	.5008488	.1868775	2.68	0.007	.1345756	.8671219
13001	-.8055596	.1027875	-7.84	0.000	-1.007019	-.6040999
13052	-1.290985	.4741722	-2.72	0.006	-2.220346	-.3616251
13244	-.0330125	.2807034	-0.12	0.906	-.583181	.517156
13430	-1.438955	.3682081	-3.91	0.000	-2.16063	-.7172807
13836	-.6449488	.3824061	-1.69	0.092	-1.394451	.1045534
17001	-.0197544	.0866469	-0.23	0.820	-.1895792	.1500704
17174	-.1083334	.2421341	-0.45	0.655	-.5829075	.3662407
17380	-.2488124	.2146557	-1.16	0.246	-.6695299	.171905
17873	.7322158	.2222547	3.29	0.001	.2966046	1.167827
23001	-.8846212	.1379239	-6.41	0.000	-1.154947	-.6142954
23162	-1.521978	.4833473	-3.15	0.002	-2.469321	-.5746349
23417	-.8292856	.356244	-2.33	0.020	-1.527511	-.1310602
23466	-.4820218	.293467	-1.64	0.100	-1.057207	.0931629
23555	-.9307867	.3884372	-2.40	0.017	-1.69211	-.1694638
23660	-1.703712	.4240896	-4.02	0.000	-2.534913	-.8725119
23807	-2.38204	1.022916	-2.33	0.020	-4.386919	-.3771602
41001	-.3896443	.1800326	-2.16	0.030	-.7425016	-.036787
41298	.1188868	.2752736	0.43	0.666	-.4206396	.6584132
41551	-.4897024	.2496492	-1.96	0.050	-.979006	-.0003989
50001	.0298505	.1790079	0.17	0.868	-.3209986	.3806996
50006	.409487	.2839009	1.44	0.149	-.1469485	.9659225
50313	-.5366231	.3880029	-1.38	0.167	-1.297095	.2238486
52001	.3510291	.1379689	2.54	0.011	.080615	.6214432

52356	-.1730932	.2570462	-0.67	0.501	-.6768945	.3307082
52835	-1.310261	.307237	-4.26	0.000	-1.912434	-.7080872
54001	-.2200098	.1291756	-1.70	0.089	-.4731893	.0331697
54405	-.7649894	.4168258	-1.84	0.066	-1.581953	.0519741
54498	-.4119775	.2963157	-1.39	0.164	-.9927456	.1687906
54518	-.2144633	.399191	-0.54	0.591	-.9968632	.5679367
54874	-.0173633	.2322149	-0.07	0.940	-.4724961	.4377695
66001	.1087643	.2101086	0.52	0.605	-.3030411	.5205696
66170	.1790619	.2420431	0.74	0.459	-.2953338	.6534576
66400	.2063049	.3745432	0.55	0.582	-.5277863	.9403961
66682	.2450943	.3650128	0.67	0.502	-.4703176	.9605061
68001	-.3704906	.1724565	-2.15	0.032	-.708499	-.0324821
68081	-.1312719	.235004	-0.56	0.576	-.5918713	.3293276
68276	-.368507	.2013666	-1.83	0.067	-.7631784	.0261643
68307	-.2838478	.2820736	-1.01	0.314	-.836702	.2690064
68547	-.2795898	.3256727	-0.86	0.391	-.9178966	.358717
68679	-.0638788	.4331282	-0.15	0.883	-.9127944	.7850368
76001	-.1606311	.1122914	-1.43	0.153	-.3807181	.0594559
76109	-1.171667	.2621425	-4.47	0.000	-1.685457	-.6578775
76111	-.4661786	.3198115	-1.46	0.145	-1.092998	.1606405
76147	-.1201622	.2485416	-0.48	0.629	-.6072949	.3669704
76248	-.4059871	.6636686	-0.61	0.541	-1.706754	.8947795
76275	-.1389878	.3321475	-0.42	0.676	-.7899849	.5120094
76364	-.3671467	.2635486	-1.39	0.164	-.8836924	.1493991
76520	-.3520372	.165669	-2.12	0.034	-.6767425	-.0273319
76563	.1541083	.2599144	0.59	0.553	-.3553146	.6635313
76736	.1178362	.5309251	0.22	0.824	-.922758	1.15843
76834	-.4124272	.2701208	-1.53	0.127	-.9418541	.1169998
76892	-.4079505	.2692986	-1.51	0.130	-.935766	.119865
mesano						
200810	.4697697	.3715668	1.26	0.206	-.2584878	1.198027
200811	.373669	.3666279	1.02	0.308	-.3449086	1.092247
200812	.4103787	.3678008	1.12	0.265	-.3104975	1.131255
201310	.118682	.3773205	0.31	0.753	-.6208525	.8582165
201311	.0281641	.3770613	0.07	0.940	-.7108624	.7671907
201312	.1844046	.377566	0.49	0.625	-.5556112	.9244203
estrato_						
3	.0133927	.0369916	0.36	0.717	-.0591095	.0858949
4-6	.1453043	.0683048	2.13	0.033	.0114293	.2791793
sexo						
Male	.6083272	.0341782	17.80	0.000	.5413392	.6753153
grupo_edad15						
26-50	.5933398	.2615931	2.27	0.023	.0806267	1.106053
51-65	2.136423	.3180439	6.72	0.000	1.513068	2.759777
educ						
Primary	-.2381682	.0465887	-5.11	0.000	-.3294804	-.1468561
Secondary	-.573308	.0604423	-9.49	0.000	-.6917727	-.4548432
Tertiary	-.6824929	.0555996	-12.28	0.000	-.7914661	-.5735198
jefeH	-.1643595	.0336997	-4.88	0.000	-.2304096	-.0983094
ocupa						
Working	.2520863	.04084	6.17	0.000	.1720413	.3321312
Unemployed	.4278615	.0616081	6.94	0.000	.3071118	.5486112
Studying	-.1163051	.0794965	-1.46	0.143	-.2721153	.0395051
civil	-.3028364	.033664	-9.00	0.000	-.3688165	-.2368562
alcoholP	1.095829	.0327094	33.50	0.000	1.031719	1.159938
marijuanaEver	1.273187	.0427086	29.81	0.000	1.18948	1.356894
_cons	-1.867913	.6290474	-2.97	0.003	-3.100823	-.6350029

Average marginal effects Number of obs = **39,351**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven15 pcigXadulto15 pcigXviejo15**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven15	**-.0055049**	**.0046275**	**-1.19**	**0.234**	**-.0145747**	**.0035649**
pcigXadulto15	**-.0084146**	**.0044705**	**-1.88**	**0.060**	**-.0171765**	**.0003474**
pcigXviejo15	**-.0183549**	**.0047143**	**-3.89**	**0.000**	**-.0275948**	**-.0091151**

Confidence interval for formula:
_b[pcigXjoven15]*(13.9154879735949/151)-_b[pcigXadulto15]*(13.9154879735949/152)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.000263**	**.0001699**	**1.55**	**0.122**	**-.00007**	**.0005961**

(results r615 are active now)

added scalar:
e(test115) = **.00026304**

added scalar:
e(test115_p) = **.12163215**
Confidence interval for formula:
_b[pcigXadulto15]*(13.9154879735949/152)-_b[pcigXviejo15]*(13.9154879735949/153)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0008991**	**.0001804**	**4.98**	**0.000**	**.0005455**	**.0012526**

(results r615 are active now)

added scalar:
e(test215) = **.00089905**

added scalar:
e(test215_p) = **6.242e-07**
Confidence interval for formula:
_b[pcigXjoven15]*(13.9154879735949/151)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0005073**	**.0004265**	**-1.19**	**0.234**	**-.0013431**	**.0003285**

(results r615 are active now)

added scalar:
e(pe_age151) = **-.00050731**

added scalar:
e(pe_age151_p) = **.23420589**
Confidence interval for formula:
_b[pcigXadulto15]*(13.9154879735949/152)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0007703**	**.0004093**	**-1.88**	**0.060**	**-.0015725**	**.0000318**

(results r615 are active now)

added scalar:
e(pe_age152) = **-.00077035**

added scalar:
e(pe_age152_p) = **.05980122**
Confidence interval for formula:
_b[pcigXviejo15]*(13.9154879735949/153)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0016694**	**.0004288**	**-3.89**	**0.000**	**-.0025098**	**-.000829**

(results r615 are active now)

added scalar:
e(pe_age153) = **-.0016694**

added scalar:
e(pe_age153_p) = **.00009883**

Iteration 0: log pseudolikelihood = **-16657.164**
Iteration 1: log pseudolikelihood = **-14501.045**
Iteration 2: log pseudolikelihood = **-14098.616**
Iteration 3: log pseudolikelihood = **-14093.577**
Iteration 4: log pseudolikelihood = **-14093.522**
Iteration 5: log pseudolikelihood = **-14093.522**

Logistic regression — Number of obs = **39,351**
Wald chi2(**99**) = **4413.69**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-14093.522** — Pseudo R2 = **0.1539**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0697479**	**.0416001**	**-1.68**	**0.094**	**-.1512825**	**.0117867**
pcigXfemale	**-.1163325**	**.0415247**	**-2.80**	**0.005**	**-.1977194**	**-.0349456**
municipi						
5045	**-1.134896**	**.2304171**	**-4.93**	**0.000**	**-1.586506**	**-.6832872**
5079	**-.5885796**	**.7689581**	**-0.77**	**0.444**	**-2.09571**	**.9185507**
5088	**-.1425002**	**.151627**	**-0.94**	**0.347**	**-.4396836**	**.1546831**
5129	**.5791844**	**.3509679**	**1.65**	**0.099**	**-.1086999**	**1.267069**
5147	**-.7383355**	**.3987977**	**-1.85**	**0.064**	**-1.519965**	**.0432937**
5154	**-.9416555**	**.3043062**	**-3.09**	**0.002**	**-1.538085**	**-.3452264**
5172	**-.2600506**	**.2465931**	**-1.05**	**0.292**	**-.7433642**	**.2232629**
5212	**-.5305134**	**.3919752**	**-1.35**	**0.176**	**-1.298771**	**.2377438**
5266	**-.3703601**	**.2647756**	**-1.40**	**0.162**	**-.8893106**	**.1485905**
5308	**.4172494**	**.5534313**	**0.75**	**0.451**	**-.667456**	**1.501955**
5360	**-.1862835**	**.203983**	**-0.91**	**0.361**	**-.5860828**	**.2135158**
5376	**-.0452726**	**.3175633**	**-0.14**	**0.887**	**-.6676853**	**.57714**
5380	**-2.054443**	**.7560161**	**-2.72**	**0.007**	**-3.536208**	**-.5726792**
5440	**-.3183267**	**.3921676**	**-0.81**	**0.417**	**-1.086961**	**.4503077**
5579	**-.4628426**	**.3395048**	**-1.36**	**0.173**	**-1.12826**	**.2025745**
5615	**-.4916503**	**.280521**	**-1.75**	**0.080**	**-1.041461**	**.0581606**
5631	**-.187562**	**.4739437**	**-0.40**	**0.692**	**-1.116475**	**.7413506**
5837	**-.8791886**	**.4084458**	**-2.15**	**0.031**	**-1.679728**	**-.0786496**
8001	**-.7777204**	**.1683999**	**-4.62**	**0.000**	**-1.107778**	**-.4476627**
8078	**-1.8978**	**1.060724**	**-1.79**	**0.074**	**-3.97678**	**.1811797**
8433	**-.3159371**	**.3514593**	**-0.90**	**0.369**	**-1.004785**	**.3729105**
8638	**-.3361845**	**.4233537**	**-0.79**	**0.427**	**-1.165942**	**.4935734**
8758	**-.7075349**	**.1899057**	**-3.73**	**0.000**	**-1.079743**	**-.3353265**
11001	**.5062115**	**.1864952**	**2.71**	**0.007**	**.1406877**	**.8717353**
13001	**-.7997189**	**.101971**	**-7.84**	**0.000**	**-.9995784**	**-.5998594**
13052	**-1.231792**	**.4714751**	**-2.61**	**0.009**	**-2.155866**	**-.3077181**
13244	**-.0185189**	**.2776373**	**-0.07**	**0.947**	**-.5626781**	**.5256402**
13430	**-1.40656**	**.3675244**	**-3.83**	**0.000**	**-2.126895**	**-.6862258**
13836	**-.6383162**	**.3812133**	**-1.67**	**0.094**	**-1.385481**	**.1088481**
17001	**-.0130803**	**.0858432**	**-0.15**	**0.879**	**-.18133**	**.1551694**
17174	**-.0918881**	**.2402371**	**-0.38**	**0.702**	**-.5627442**	**.3789681**
17380	**-.2297972**	**.2107229**	**-1.09**	**0.275**	**-.6428065**	**.1832121**
17873	**.7407037**	**.2209424**	**3.35**	**0.001**	**.3076646**	**1.173743**
23001	**-.8800863**	**.1368976**	**-6.43**	**0.000**	**-1.148401**	**-.611772**

23162	-1.498432	.4791064	-3.13	0.002	-2.437463	-.5594008
23417	-.7923133	.3482847	-2.27	0.023	-1.474939	-.1096877
23466	-.4800113	.2924967	-1.64	0.101	-1.053294	.0932718
23555	-.9329201	.3861287	-2.42	0.016	-1.689718	-.1761217
23660	-1.696511	.4226898	-4.01	0.000	-2.524967	-.8680539
23807	-2.436948	1.021533	-2.39	0.017	-4.439117	-.43478
41001	-.3888586	.1798458	-2.16	0.031	-.7413498	-.0363674
41298	.1280182	.2740936	0.47	0.640	-.4091955	.6652319
41551	-.4884375	.2496033	-1.96	0.050	-.977651	.0007759
50001	.0378321	.1783949	0.21	0.832	-.3118154	.3874797
50006	.4020256	.2849804	1.41	0.158	-.1565257	.9605768
50313	-.5184254	.3860593	-1.34	0.179	-1.275088	.2382368
52001	.3492252	.13691	2.55	0.011	.0808864	.617564
52356	-.18121	.2562842	-0.71	0.480	-.6835179	.3210978
52835	-1.29648	.307234	-4.22	0.000	-1.898648	-.6943126
54001	-.2155992	.1287313	-1.67	0.094	-.467908	.0367095
54405	-.7600408	.4164886	-1.82	0.068	-1.576343	.0562619
54498	-.4168571	.2962177	-1.41	0.159	-.9974332	.1637189
54518	-.2078118	.3978865	-0.52	0.601	-.987655	.5720315
54874	-.0126218	.2315455	-0.05	0.957	-.4664426	.4411991
66001	.1123593	.2095929	0.54	0.592	-.2984352	.5231539
66170	.1861406	.2416154	0.77	0.441	-.2874169	.659698
66400	.1743335	.3726265	0.47	0.640	-.556001	.904668
66682	.2243971	.363382	0.62	0.537	-.4878187	.9366128
68001	-.3686216	.1721622	-2.14	0.032	-.7060534	-.0311899
68081	-.1281427	.2347867	-0.55	0.585	-.5883162	.3320308
68276	-.3657019	.2012369	-1.82	0.069	-.760119	.0287152
68307	-.2807571	.2817401	-1.00	0.319	-.8329575	.2714432
68547	-.2812204	.326694	-0.86	0.389	-.9215288	.3590881
68679	-.0779461	.4328333	-0.18	0.857	-.9262837	.7703915
76001	-.1564909	.1119249	-1.40	0.162	-.3758596	.0628778
76109	-1.168626	.2617964	-4.46	0.000	-1.681738	-.6555147
76111	-.4517081	.3186517	-1.42	0.156	-1.076254	.1728376
76147	-.1108449	.2483691	-0.45	0.655	-.5976394	.3759497
76248	-.4018656	.6685076	-0.60	0.548	-1.712116	.9083852
76275	-.1407066	.3315541	-0.42	0.671	-.7905408	.5091275
76364	-.367916	.2627297	-1.40	0.161	-.8828567	.1470248
76520	-.3481855	.1654039	-2.11	0.035	-.6723711	-.0239998
76563	.1487761	.2598024	0.57	0.567	-.3604272	.6579794
76736	.1070944	.5321603	0.20	0.841	-.9359206	1.150109
76834	-.4094408	.2691728	-1.52	0.128	-.9370099	.1181283
76892	-.4001943	.2671791	-1.50	0.134	-.9238557	.123467
mesano						
200810	.4866088	.3740918	1.30	0.193	-.2465976	1.219815
200811	.3878435	.3692517	1.05	0.294	-.3358764	1.111563
200812	.4204424	.370421	1.14	0.256	-.3055695	1.146454
201310	.1280604	.3798847	0.34	0.736	-.6164998	.8726207
201311	.038416	.3796438	0.10	0.919	-.7056722	.7825042
201312	.1927059	.3801677	0.51	0.612	-.5524092	.9378209
estrato_						
3	.0138454	.0369935	0.37	0.708	-.0586606	.0863514
4-6	.1515719	.0681091	2.23	0.026	.0180806	.2850632
sexo						
Male	-.090029	.2162522	-0.42	0.677	-.5138755	.3338175
grupo_edad15						
26-50	.1830908	.0428954	4.27	0.000	.0990173	.2671642
51-65	.3602196	.0531395	6.78	0.000	.256068	.4643712
educ						
Primary	-.2285778	.0465591	-4.91	0.000	-.3198319	-.1373237
Secondary	-.5762963	.0604703	-9.53	0.000	-.694816	-.4577766
Tertiary	-.6792271	.055649	-12.21	0.000	-.7882972	-.570157
jefeH	-.1402801	.0337776	-4.15	0.000	-.2064831	-.0740772
ocupa						
Working	.2479729	.0404913	6.12	0.000	.1686115	.3273343
Unemployed	.433413	.0614606	7.05	0.000	.3129525	.5538735

Studying	**-.1578494**	**.0774591**	**-2.04**	**0.042**	**-.3096664**	**-.0060323**
civil	**-.3055766**	**.0336328**	**-9.09**	**0.000**	**-.3714957**	**-.2396576**
alcoholP	**1.095723**	**.0326834**	**33.53**	**0.000**	**1.031665**	**1.159782**
marijuanaEver	**1.273625**	**.0426917**	**29.83**	**0.000**	**1.189951**	**1.357299**
_cons	**-.9128634**	**.6112367**	**-1.49**	**0.135**	**-2.110865**	**.2851386**

Average marginal effects Number of obs = **39,351**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0075521**	**.0045038**	**-1.68**	**0.094**	**-.0163794**	**.0012752**
pcigXfemale	**-.0125961**	**.004495**	**-2.80**	**0.005**	**-.021406**	**-.0037861**

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**1.127006**	**.3254656**	**3.46**	**0.001**	**.4891056**	**1.764907**

(results r715 are active now)

added scalar:
e(test515) = **1.1270064**

added scalar:
e(test515_p) = **.00053468**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.4332338**	**.2583669**	**-1.68**	**0.094**	**-.9396237**	**.0731561**

(results r715 are active now)

added scalar:
e(pe_m15) = **-.43323378**

added scalar:
e(pe_m15_p) = **.09357848**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.56024**	**.5567764**	**-2.80**	**0.005**	**-2.651502**	**-.4689786**

(results r715 are active now)

added scalar:
e(pe_f15) = **-1.5602402**

added scalar:
e(pe_f15_p) = **.00507437**

```
Iteration 0:   log pseudolikelihood = -16657.164
Iteration 1:   log pseudolikelihood =  -14504.42
Iteration 2:   log pseudolikelihood = -14103.769
Iteration 3:   log pseudolikelihood = -14098.795
Iteration 4:   log pseudolikelihood = -14098.741
Iteration 5:   log pseudolikelihood = -14098.741

Logistic regression                               Number of obs     =     39,351
                                                  Wald chi2(100)    =    4404.95
                                                  Prob > chi2       =     0.0000
Log pseudolikelihood = -14098.741                 Pseudo R2         =     0.1536
```

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0875429	.041103	-2.13	0.033	-.1681033	-.0069824
pcigXest2	-.0935473	.0428572	-2.18	0.029	-.1775458	-.0095488
pcigXest3	-.109047	.0496802	-2.19	0.028	-.2064184	-.0116757
municipi						
5045	-1.148514	.2321964	-4.95	0.000	-1.60361	-.693417
5079	-.582488	.7730145	-0.75	0.451	-2.097569	.9325925
5088	-.1391595	.1534758	-0.91	0.365	-.4399665	.1616476
5129	.5991579	.3550058	1.69	0.091	-.0966406	1.294956
5147	-.7586538	.4028143	-1.88	0.060	-1.548155	.0308477
5154	-.942652	.3073572	-3.07	0.002	-1.545061	-.340243
5172	-.2610533	.248567	-1.05	0.294	-.7482358	.2261291
5212	-.5158435	.3926525	-1.31	0.189	-1.285428	.2537413
5266	-.3995218	.2690667	-1.48	0.138	-.9268829	.1278393
5308	.4246301	.5581937	0.76	0.447	-.6694094	1.51867
5360	-.1890918	.2066504	-0.92	0.360	-.5941191	.2159355
5376	-.0517216	.3213482	-0.16	0.872	-.6815526	.5781094
5380	-2.075886	.7607848	-2.73	0.006	-3.566997	-.5847754
5440	-.330108	.4000176	-0.83	0.409	-1.114128	.4539122
5579	-.4692178	.3427919	-1.37	0.171	-1.141078	.2026421
5615	-.4971161	.2839393	-1.75	0.080	-1.053627	.0593948
5631	-.2106138	.4827198	-0.44	0.663	-1.156727	.7354996
5837	-.8643843	.413809	-2.09	0.037	-1.675435	-.0533335
8001	-.7862459	.1684882	-4.67	0.000	-1.116477	-.4560151
8078	-1.911316	1.059801	-1.80	0.071	-3.988489	.1658563
8433	-.3232122	.3506523	-0.92	0.357	-1.010478	.3640536
8638	-.339323	.4219001	-0.80	0.421	-1.166232	.487586
8758	-.7182507	.189866	-3.78	0.000	-1.090381	-.3461201
11001	.4961125	.1866839	2.66	0.008	.1302187	.8620063
13001	-.8096555	.1030752	-7.86	0.000	-1.011679	-.6076319
13052	-1.248644	.4736656	-2.64	0.008	-2.177012	-.3202768
13244	-.0209557	.2796616	-0.07	0.940	-.5690824	.5271709
13430	-1.414185	.3693489	-3.83	0.000	-2.138095	-.6902743
13836	-.6475239	.3844324	-1.68	0.092	-1.400998	.1059498
17001	-.0225943	.087922	-0.26	0.797	-.1949182	.1497296
17174	-.098488	.2429067	-0.41	0.685	-.5745763	.3776004
17380	-.2250105	.2128631	-1.06	0.290	-.6422144	.1921934
17873	.7494449	.2228137	3.36	0.001	.3127382	1.186152
23001	-.8893902	.1381132	-6.44	0.000	-1.160087	-.6186933
23162	-1.49823	.4815487	-3.11	0.002	-2.442048	-.5544119
23417	-.7961841	.3511814	-2.27	0.023	-1.484487	-.1078811
23466	-.4868049	.2958731	-1.65	0.100	-1.066706	.0930958
23555	-.9310883	.3890603	-2.39	0.017	-1.693632	-.1685442
23660	-1.710903	.4251069	-4.02	0.000	-2.544097	-.8777084
23807	-2.415375	1.023166	-2.36	0.018	-4.420745	-.4100063
41001	-.4004323	.1800179	-2.22	0.026	-.7532609	-.0476036
41298	.1154254	.2744757	0.42	0.674	-.4225371	.6533879
41551	-.4899888	.2495798	-1.96	0.050	-.9791562	-.0008214
50001	.028685	.178738	0.16	0.872	-.3216351	.3790051
50006	.3929829	.2843399	1.38	0.167	-.1643131	.9502789
50313	-.5315981	.3858595	-1.38	0.168	-1.287869	.2246725
52001	.3438709	.1376832	2.50	0.013	.0740168	.613725
52356	-.1854614	.256914	-0.72	0.470	-.6890036	.3180807
52835	-1.300614	.308081	-4.22	0.000	-1.904442	-.6967867
54001	-.2215816	.12928	-1.71	0.087	-.4749658	.0318027
54405	-.7716802	.416778	-1.85	0.064	-1.58855	.0451897

54498	-.4210301	.2967858	-1.42	0.156	-1.00272	.1606594
54518	-.2128543	.3971579	-0.54	0.592	-.9912695	.5655608
54874	-.0204552	.2322298	-0.09	0.930	-.4756172	.4347069
66001	.103533	.21007	0.49	0.622	-.3081966	.5152627
66170	.1710548	.2414511	0.71	0.479	-.3021805	.6442902
66400	.1688353	.3715663	0.45	0.650	-.5594213	.897092
66682	.2180413	.3627598	0.60	0.548	-.4929549	.9290375
68001	-.3697347	.1726444	-2.14	0.032	-.7081115	-.0313578
68081	-.1301609	.234785	-0.55	0.579	-.590331	.3300092
68276	-.3691155	.2012609	-1.83	0.067	-.7635797	.0253487
68307	-.2907386	.281697	-1.03	0.302	-.8428547	.2613774
68547	-.2853594	.3264517	-0.87	0.382	-.925193	.3544743
68679	-.0809159	.4332636	-0.19	0.852	-.930097	.7682652
76001	-.1643832	.1122586	-1.46	0.143	-.384406	.0556396
76109	-1.177875	.2619422	-4.50	0.000	-1.691272	-.6644777
76111	-.4602509	.3187009	-1.44	0.149	-1.084893	.1643914
76147	-.1144907	.2483644	-0.46	0.645	-.601276	.3722946
76248	-.4037003	.6668129	-0.61	0.545	-1.710629	.903229
76275	-.1436927	.3324275	-0.43	0.666	-.7952387	.5078532
76364	-.3749271	.2627917	-1.43	0.154	-.8899893	.1401351
76520	-.3554512	.1657024	-2.15	0.032	-.680222	-.0306804
76563	.1442125	.2598338	0.56	0.579	-.3650525	.6534775
76736	.1081392	.5324732	0.20	0.839	-.9354891	1.151768
76834	-.4173823	.2695993	-1.55	0.122	-.9457872	.1110227
76892	-.4073706	.2676146	-1.52	0.128	-.9318856	.1171445
mesano						
200810	.4940531	.3729575	1.32	0.185	-.2369303	1.225036
200811	.3886281	.3680529	1.06	0.291	-.3327422	1.109998
200812	.4221459	.369229	1.14	0.253	-.3015297	1.145822
201310	.1252684	.378735	0.33	0.741	-.6170385	.8675753
201311	.0346891	.3784041	0.09	0.927	-.7069694	.7763476
201312	.19017	.3789196	0.50	0.616	-.5524987	.9328386
estrato_						
3	.1045998	.2518748	0.42	0.678	-.3890656	.5982653
4-6	.4640626	.447104	1.04	0.299	-.4122452	1.34037
sexo						
Male	.608603	.0341292	17.83	0.000	.541711	.6754951
grupo_edad15						
26-50	.1851025	.0428906	4.32	0.000	.1010386	.2691665
51-65	.3596075	.0531275	6.77	0.000	.2554795	.4637355
educ						
Primary	-.2259095	.0465059	-4.86	0.000	-.3170594	-.1347596
Secondary	-.5780821	.0605909	-9.54	0.000	-.696838	-.4593262
Tertiary	-.6759622	.0556036	-12.16	0.000	-.7849434	-.5669811
jefeH	-.1471606	.0336392	-4.37	0.000	-.2130921	-.081229
ocupa						
Working	.2374862	.0404215	5.88	0.000	.1582615	.3167108
Unemployed	.4158593	.0614291	6.77	0.000	.2954606	.536258
Studying	-.173411	.0776851	-2.23	0.026	-.325671	-.0211509
civil	-.3060654	.0336489	-9.10	0.000	-.3720159	-.2401148
alcoholP	1.094937	.0326753	33.51	0.000	1.030895	1.158979
marijuanaEver	1.273924	.042751	29.80	0.000	1.190134	1.357715
_cons	-1.323938	.6052141	-2.19	0.029	-2.510135	-.1377397

Average marginal effects — Number of obs = **39,351**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.0094804**	**.0044506**	**-2.13**	**0.033**	**-.0182034**	**-.0007574**
pcigXest2	**-.0101306**	**.0046403**	**-2.18**	**0.029**	**-.0192254**	**-.0010358**
pcigXest3	**-.0118092**	**.0053784**	**-2.20**	**0.028**	**-.0223506**	**-.0012677**

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0830804**	**.1519353**	**-0.55**	**0.585**	**-.3808682**	**.2147073**

(results r815 are active now)

added scalar:
e(test315) = **-.08308041**

added scalar:
e(test315_p) = **.5845063**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0698488**	**.241481**	**0.29**	**0.772**	**-.4034452**	**.5431428**

(results r815 are active now)

added scalar:
e(test415) = **.06984877**

added scalar:
e(test415_p) = **.77238881**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.8392772**	**.3940002**	**-2.13**	**0.033**	**-1.611503**	**-.0670511**

(results r815 are active now)

added scalar:
e(pe_est115) = **-.83927716**

added scalar:
e(pe_est115_p) = **.03315971**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7561968**	**.3463718**	**-2.18**	**0.029**	**-1.435073**	**-.0773205**

(results r815 are active now)

added scalar:
e(pe_est215) = **-.75619676**

added scalar:
e(pe_est215_p) = **.02902155**
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.8260455**	**.3762162**	**-2.20**	**0.028**	**-1.563416**	**-.0886753**

(results r815 are active now)

added scalar:
e(pe_est315) = **-.82604552**

added scalar:
e(pe_est315_p) = **.02811579**
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/tables/tableME15.csv)
(39362 differences between edad and grupo_edad16)

RECODE of edad (Age)	Freq.	Percent	Cum.
16-25	**9,736**	**22.79**	**22.79**
26-50	**20,878**	**48.87**	**71.66**
51-65	**8,748**	**20.48**	**92.14**
12	**792**	**1.85**	**94.00**
13	**810**	**1.90**	**95.89**
14	**861**	**2.02**	**97.91**
15	**894**	**2.09**	**100.00**
Total	**42,719**	**100.00**	

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
p_cig	**19,943**	**16262396**	**13.91549**	**1.755722**	**11.03513**	**15.8988**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**19,943**	**16262396**	**.1733135**	**.3785181**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**7,592**	**7613719**	**.2425729**	**.4286389**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,351**	**8648677**	**.1123422**	**.315787**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**4,792**	**4164632**	**.1925848**	**.3943298**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**9,516**	**7950725**	**.1935769**	**.3951012**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**3,775**	**2496784**	**.168699**	**.3744859**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**12,879**	**8448459**	**.1571878**	**.3639778**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	**5,523**	**5112853**	**.1864233**	**.3894479**	**0**	**1**

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
smokenP	1,541	2701084	.1989361	.3991999	0	1

Iteration 0: log pseudolikelihood = -16385.761
Iteration 1: log pseudolikelihood = -14256.178
Iteration 2: log pseudolikelihood = -13873.766
Iteration 3: log pseudolikelihood = -13868.99
Iteration 4: log pseudolikelihood = -13868.939
Iteration 5: log pseudolikelihood = -13868.939

Logistic regression

Number of obs	38,453
Wald chi2(100)	4304.36
Prob > chi2	0.0000
Pseudo R2	0.1536

Log pseudolikelihood = -13868.939

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven16	-.0459002	.0430771	-1.07	0.287	-.1303298	.0385294
pcigXadulto16	-.0753607	.0415542	-1.81	0.070	-.1568055	.0060841
pcigXviejo16	-.1669774	.0438073	-3.81	0.000	-.2528381	-.0811166
municipi						
5045	-1.131074	.2331583	-4.85	0.000	-1.588056	-.6740922
5079	-.6382636	.7668238	-0.83	0.405	-2.141211	.8646834
5088	-.111612	.1541238	-0.72	0.469	-.4136891	.1904651
5129	.4455734	.3628371	1.23	0.219	-.2655742	1.156721
5147	-.7428441	.4056438	-1.83	0.067	-1.537891	.0522032
5154	-1.00972	.3173914	-3.18	0.001	-1.631796	-.3876442
5172	-.2856966	.2482891	-1.15	0.250	-.7723342	.200941
5212	-.517598	.3958739	-1.31	0.191	-1.293497	.2583007
5266	-.4224641	.2650145	-1.59	0.111	-.941883	.0969548
5308	.3709068	.536781	0.69	0.490	-.6811647	1.422978
5360	-.1942314	.2061163	-0.94	0.346	-.5982118	.2097491
5376	-.1268282	.3287431	-0.39	0.700	-.7711528	.5174964
5380	-2.106008	.7752637	-2.72	0.007	-3.625497	-.5865192
5440	-.2590315	.3858294	-0.67	0.502	-1.015243	.4971802
5579	-.393803	.3483949	-1.13	0.258	-1.076644	.2890385
5615	-.5171642	.2832975	-1.83	0.068	-1.072417	.0380888
5631	-.2370048	.4808886	-0.49	0.622	-1.179529	.7055196
5837	-.8578502	.4118925	-2.08	0.037	-1.665145	-.0505557
8001	-.7931897	.1696778	-4.67	0.000	-1.125752	-.4606272
8078	-1.911816	1.06034	-1.80	0.071	-3.990045	.1664128
8433	-.3266224	.351758	-0.93	0.353	-1.016055	.3628106
8638	-.3169135	.4227213	-0.75	0.453	-1.145432	.511605
8758	-.7143888	.1905176	-3.75	0.000	-1.087796	-.3409811
11001	.485318	.1878763	2.58	0.010	.1170872	.8535489
13001	-.805099	.1029164	-7.82	0.000	-1.006811	-.6033865
13052	-1.270167	.4771479	-2.66	0.008	-2.20536	-.3349743
13244	-.0048142	.2826983	-0.02	0.986	-.5588926	.5492643
13430	-1.443412	.3684762	-3.92	0.000	-2.165612	-.7212117
13836	-.6475406	.3835143	-1.69	0.091	-1.399215	.1041335
17001	-.0360289	.0871537	-0.41	0.679	-.206847	.1347891
17174	-.1070306	.2487928	-0.43	0.667	-.5946554	.3805943
17380	-.2756927	.2189188	-1.26	0.208	-.7047656	.1533802
17873	.7324092	.2231656	3.28	0.001	.2950126	1.169806
23001	-.9026764	.138529	-6.52	0.000	-1.174188	-.6311646
23162	-1.530127	.4824921	-3.17	0.002	-2.475794	-.5844597
23417	-.8424691	.354743	-2.37	0.018	-1.537753	-.1471856
23466	-.4828236	.2941144	-1.64	0.101	-1.059277	.0936299
23555	-.9391207	.3884102	-2.42	0.016	-1.700391	-.1778506
23660	-1.693939	.4241194	-3.99	0.000	-2.525198	-.8626802
23807	-2.365794	1.023457	-2.31	0.021	-4.371733	-.3598556
41001	-.4060003	.1807428	-2.25	0.025	-.7602496	-.051751
41298	.1182073	.275954	0.43	0.668	-.4226527	.6590673
41551	-.4870536	.2510912	-1.94	0.052	-.9791834	.0050761
50001	-.0041204	.1806693	-0.02	0.982	-.3582256	.3499849
50006	.4003655	.2857685	1.40	0.161	-.1597305	.9604614
50313	-.4907652	.3883373	-1.26	0.206	-1.251892	.2703619
52001	.3292655	.1393056	2.36	0.018	.0562316	.6022995

52356	-.1661989	.257743	-0.64	0.519	-.671366	.3389682
52835	-1.326891	.3078358	-4.31	0.000	-1.930238	-.7235439
54001	-.2335226	.1297907	-1.80	0.072	-.4879077	.0208624
54405	-.7819065	.4165623	-1.88	0.061	-1.598354	.0345407
54498	-.4094671	.2966207	-1.38	0.167	-.9908329	.1718987
54518	-.2394883	.3986384	-0.60	0.548	-1.020805	.5418285
54874	-.0914133	.2390987	-0.38	0.702	-.5600382	.3772116
66001	.0810251	.2111812	0.38	0.701	-.3328824	.4949327
66170	.1451051	.2438205	0.60	0.552	-.3327743	.6229845
66400	.2017515	.3748822	0.54	0.590	-.5330041	.936507
66682	.1878247	.3855601	0.49	0.626	-.5678593	.9435086
68001	-.4017792	.1736021	-2.31	0.021	-.742033	-.0615253
68081	-.1176269	.2353568	-0.50	0.617	-.5789178	.343664
68276	-.4263535	.2030566	-2.10	0.036	-.8243371	-.0283699
68307	-.2934896	.2825816	-1.04	0.299	-.8473394	.2603601
68547	-.3155929	.3343582	-0.94	0.345	-.970923	.3397372
68679	-.2300466	.4618999	-0.50	0.618	-1.135354	.6752606
76001	-.1642027	.1128768	-1.45	0.146	-.3854371	.0570318
76109	-1.209342	.2706921	-4.47	0.000	-1.739888	-.6787949
76111	-.4669746	.3214809	-1.45	0.146	-1.097065	.1631163
76147	-.1294471	.2489617	-0.52	0.603	-.6174031	.3585088
76248	-.4286469	.6620774	-0.65	0.517	-1.726295	.869001
76275	-.1588527	.3318226	-0.48	0.632	-.8092131	.4915076
76364	-.3351158	.2643493	-1.27	0.205	-.8532309	.1829993
76520	-.3572292	.1659179	-2.15	0.031	-.6824223	-.032036
76563	.1529722	.2606901	0.59	0.557	-.357971	.6639153
76736	.1157525	.5339765	0.22	0.828	-.9308223	1.162327
76834	-.4242479	.271049	-1.57	0.118	-.9554942	.1069984
76892	-.4309174	.2697941	-1.60	0.110	-.959704	.0978693
mesano						
200810	.4039416	.3732748	1.08	0.279	-.3276635	1.135547
200811	.3009013	.3682997	0.82	0.414	-.4209529	1.022756
200812	.3486778	.3694913	0.94	0.345	-.3755118	1.072867
201310	.0528976	.3789859	0.14	0.889	-.6899012	.7956964
201311	-.0458805	.3787489	-0.12	0.904	-.7882148	.6964538
201312	.1177103	.3792806	0.31	0.756	-.625666	.8610866
estrato_						
3	.016388	.0372411	0.44	0.660	-.0566032	.0893792
4-6	.151506	.0685034	2.21	0.027	.0172417	.2857703
sexo						
Male	.6177368	.034618	17.84	0.000	.5498868	.6855868
grupo_edad16						
26-50	.5914928	.2649538	2.23	0.026	.072193	1.110793
51-65	2.118209	.3207661	6.60	0.000	1.489519	2.746899
educ						
Primary	-.2252915	.0466363	-4.83	0.000	-.316697	-.1338861
Secondary	-.5764867	.060713	-9.50	0.000	-.6954819	-.4574914
Tertiary	-.7023813	.0558613	-12.57	0.000	-.8118674	-.5928952
jefeH	-.1570313	.0337761	-4.65	0.000	-.2232313	-.0908313
ocupa						
Working	.2315956	.0412261	5.62	0.000	.1507939	.3123972
Unemployed	.3993884	.0621265	6.43	0.000	.2776226	.5211542
Studying	-.0265717	.0828256	-0.32	0.748	-.1889069	.1357635
civil	-.313118	.0335876	-9.32	0.000	-.3789485	-.2472876
alcoholP	1.087302	.0329966	32.95	0.000	1.02263	1.151974
marijuanaEver	1.246488	.0431091	28.91	0.000	1.161995	1.33098
_cons	-1.800443	.6328601	-2.84	0.004	-3.040826	-.5600596

Average marginal effects Number of obs = **38,453**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXjoven16 pcigXadulto16 pcigXviejo16**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXjoven16	**-.0050137**	**.0047051**	**-1.07**	**0.287**	**-.0142355**	**.004208**
pcigXadulto16	**-.0082317**	**.0045385**	**-1.81**	**0.070**	**-.017127**	**.0006636**
pcigXviejo16	**-.0182391**	**.0047817**	**-3.81**	**0.000**	**-.0276111**	**-.008867**

Confidence interval for formula:
_b[pcigXjoven16]*(13.9154879735949/161)-_b[pcigXadulto16]*(13.9154879735949/162)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.0002737**	**.0001632**	**1.68**	**0.093**	**-.0000461**	**.0005935**

(results r616 are active now)

added scalar:
e(test116) = **.00027374**

added scalar:
e(test116_p) = **.09340195**
Confidence interval for formula:
_b[pcigXadulto16]*(13.9154879735949/162)-_b[pcigXviejo16]*(13.9154879735949/163)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.00085**	**.0001706**	**4.98**	**0.000**	**.0005157**	**.0011843**

(results r616 are active now)

added scalar:
e(test216) = **.00085**

added scalar:
e(test216_p) = **6.234e-07**
Confidence interval for formula:
_b[pcigXjoven16]*(13.9154879735949/161)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0004333**	**.0004067**	**-1.07**	**0.287**	**-.0012304**	**.0003637**

(results r616 are active now)

added scalar:
e(pe_age161) = **-.00043334**

added scalar:
e(pe_age161_p) = **.28660438**
Confidence interval for formula:
_b[pcigXadulto16]*(13.9154879735949/162)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0007071**	**.0003898**	**-1.81**	**0.070**	**-.0014712**	**.000057**

(results r616 are active now)

added scalar:
e(pe_age162) = **-.00070709**

added scalar:
e(pe_age162_p) = **.06971511**
Confidence interval for formula:
_b[pcigXviejo16]*(13.9154879735949/163)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0015571**	**.0004082**	**-3.81**	**0.000**	**-.0023572**	**-.000757**

(results r616 are active now)

added scalar:
e(pe_age163) = **-.00155709**

added scalar:
e(pe_age163_p) = **.00013656**

Iteration 0: log pseudolikelihood = **-16385.761**
Iteration 1: log pseudolikelihood = **-14269.1**
Iteration 2: log pseudolikelihood = **-13887.486**
Iteration 3: log pseudolikelihood = **-13882.748**
Iteration 4: log pseudolikelihood = **-13882.698**
Iteration 5: log pseudolikelihood = **-13882.698**

Logistic regression — Number of obs = **38,453**
Wald chi2(**99**) = **4310.05**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-13882.698** — Pseudo R2 = **0.1528**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0664952**	**.0418266**	**-1.59**	**0.112**	**-.1484737**	**.0154833**
pcigXfemale	**-.1144391**	**.0417552**	**-2.74**	**0.006**	**-.1962777**	**-.0326004**
municipi						
5045	**-1.13112**	**.2305018**	**-4.91**	**0.000**	**-1.582895**	**-.6793447**
5079	**-.5952365**	**.7710127**	**-0.77**	**0.440**	**-2.106394**	**.9159206**
5088	**-.1210086**	**.1528928**	**-0.79**	**0.429**	**-.4206729**	**.1786557**
5129	**.4673934**	**.3597163**	**1.30**	**0.194**	**-.2376375**	**1.172424**
5147	**-.7205971**	**.3997471**	**-1.80**	**0.071**	**-1.504087**	**.0628927**
5154	**-1.003919**	**.3176324**	**-3.16**	**0.002**	**-1.626467**	**-.3813711**
5172	**-.2786917**	**.2460562**	**-1.13**	**0.257**	**-.760953**	**.2035695**
5212	**-.5345692**	**.3921392**	**-1.36**	**0.173**	**-1.303148**	**.2340094**
5266	**-.3728785**	**.2646761**	**-1.41**	**0.159**	**-.8916342**	**.1458772**
5308	**.3899747**	**.5506206**	**0.71**	**0.479**	**-.6892219**	**1.469171**
5360	**-.1863535**	**.2038792**	**-0.91**	**0.361**	**-.5859494**	**.2132424**
5376	**-.1374185**	**.3262347**	**-0.42**	**0.674**	**-.7768267**	**.5019897**
5380	**-2.049849**	**.7533463**	**-2.72**	**0.007**	**-3.526381**	**-.5733174**
5440	**-.2469963**	**.3832891**	**-0.64**	**0.519**	**-.9982291**	**.5042365**
5579	**-.3949052**	**.3391494**	**-1.16**	**0.244**	**-1.059626**	**.2698154**
5615	**-.5031849**	**.278917**	**-1.80**	**0.071**	**-1.049852**	**.0434824**
5631	**-.2006574**	**.4732364**	**-0.42**	**0.672**	**-1.128184**	**.726869**
5837	**-.8925059**	**.4090782**	**-2.18**	**0.029**	**-1.694285**	**-.0907273**
8001	**-.7912629**	**.1694397**	**-4.67**	**0.000**	**-1.123359**	**-.4591671**
8078	**-1.891538**	**1.06093**	**-1.78**	**0.075**	**-3.970923**	**.1878474**
8433	**-.3295093**	**.352031**	**-0.94**	**0.349**	**-1.019477**	**.3604587**
8638	**-.3164107**	**.4252404**	**-0.74**	**0.457**	**-1.149867**	**.5170451**
8758	**-.7056876**	**.1904337**	**-3.71**	**0.000**	**-1.078931**	**-.3324444**
11001	**.4900444**	**.187494**	**2.61**	**0.009**	**.1225629**	**.8575259**
13001	**-.8001775**	**.1021309**	**-7.83**	**0.000**	**-1.00035**	**-.6000047**
13052	**-1.208628**	**.4748157**	**-2.55**	**0.011**	**-2.139249**	**-.2780062**
13244	**.0105444**	**.2797384**	**0.04**	**0.970**	**-.5377327**	**.5588215**
13430	**-1.411641**	**.3678761**	**-3.84**	**0.000**	**-2.132665**	**-.6906171**
13836	**-.6415166**	**.3823739**	**-1.68**	**0.093**	**-1.390956**	**.1079225**
17001	**-.0293671**	**.0863541**	**-0.34**	**0.734**	**-.198618**	**.1398837**
17174	**-.0865818**	**.2465696**	**-0.35**	**0.725**	**-.5698494**	**.3966858**
17380	**-.2560152**	**.2149879**	**-1.19**	**0.234**	**-.6773838**	**.1653534**
17873	**.7392394**	**.2219324**	**3.33**	**0.001**	**.3042599**	**1.174219**
23001	**-.8985403**	**.1375462**	**-6.53**	**0.000**	**-1.168126**	**-.6289548**

23162	-1.508393	.4780978	-3.15	0.002	-2.445447	-.5713385
23417	-.8079622	.34711	-2.33	0.020	-1.488285	-.1276391
23466	-.4826392	.2932161	-1.65	0.100	-1.057332	.0920538
23555	-.9427823	.3862227	-2.44	0.015	-1.699765	-.1857998
23660	-1.687331	.4226227	-3.99	0.000	-2.515657	-.8590061
23807	-2.424028	1.021986	-2.37	0.018	-4.427085	-.420972
41001	-.4050896	.1805476	-2.24	0.025	-.7589563	-.0512228
41298	.1270338	.2747667	0.46	0.644	-.4114991	.6655668
41551	-.4853034	.2509732	-1.93	0.053	-.9772019	.006595
50001	.0037243	.180053	0.02	0.983	-.3491731	.3566218
50006	.3929936	.2868385	1.37	0.171	-.1691995	.9551867
50313	-.4769303	.3869243	-1.23	0.218	-1.235288	.2814274
52001	.3276346	.1382567	2.37	0.018	.0566564	.5986127
52356	-.1754674	.2569729	-0.68	0.495	-.679125	.3281902
52835	-1.313043	.3078947	-4.26	0.000	-1.916506	-.709581
54001	-.2294899	.1293471	-1.77	0.076	-.4830056	.0240259
54405	-.7767795	.4162342	-1.87	0.062	-1.592584	.0390246
54498	-.4144813	.2964904	-1.40	0.162	-.9955918	.1666292
54518	-.2343318	.3975051	-0.59	0.556	-1.013427	.5447638
54874	-.0865443	.2383987	-0.36	0.717	-.5537972	.3807087
66001	.0855288	.2106211	0.41	0.685	-.327281	.4983385
66170	.1515779	.2433851	0.62	0.533	-.3254481	.6286039
66400	.1703699	.3728321	0.46	0.648	-.5603676	.9011073
66682	.1627665	.3842143	0.42	0.672	-.5902798	.9158127
68001	-.4000789	.1733022	-2.31	0.021	-.739745	-.0604128
68081	-.11531	.2351455	-0.49	0.624	-.5761866	.3455667
68276	-.4233678	.2028887	-2.09	0.037	-.8210223	-.0257134
68307	-.2905428	.2822147	-1.03	0.303	-.8436734	.2625878
68547	-.318505	.335528	-0.95	0.342	-.9761279	.3391179
68679	-.2455742	.4612526	-0.53	0.594	-1.149613	.6584643
76001	-.1600177	.1125143	-1.42	0.155	-.3805416	.0605063
76109	-1.206441	.2703203	-4.46	0.000	-1.736259	-.6766232
76111	-.4529801	.3202982	-1.41	0.157	-1.080753	.1747928
76147	-.1202233	.2487837	-0.48	0.629	-.6078303	.3673837
76248	-.4242893	.6668584	-0.64	0.525	-1.731308	.882729
76275	-.1614929	.3313016	-0.49	0.626	-.810832	.4878462
76364	-.336007	.2635316	-1.28	0.202	-.8525193	.1805054
76520	-.3537	.1656476	-2.14	0.033	-.6783633	-.0290368
76563	.1476734	.2606367	0.57	0.571	-.3631651	.6585118
76736	.1035706	.535081	0.19	0.847	-.9451689	1.15231
76834	-.4209686	.2701387	-1.56	0.119	-.9504308	.1084936
76892	-.4231627	.2676962	-1.58	0.114	-.9478375	.1015121
mesano						
200810	.4224732	.3762245	1.12	0.261	-.3149134	1.15986
200811	.317037	.3713589	0.85	0.393	-.410813	1.044887
200812	.3607845	.372546	0.97	0.333	-.3693922	1.090961
201310	.0646625	.3819794	0.17	0.866	-.6840034	.8133283
201311	-.0328849	.3817609	-0.09	0.931	-.7811225	.7153526
201312	.1284873	.3823099	0.34	0.737	-.6208262	.8778008
estrato_						
3	.0170517	.0372403	0.46	0.647	-.0559379	.0900414
4-6	.1583649	.0683018	2.32	0.020	.0244958	.292234
sexo						
Male	-.1016792	.2176274	-0.47	0.640	-.5282211	.3248627
grupo_edad16						
26-50	.1430501	.0429736	3.33	0.001	.0588235	.2272767
51-65	.3082016	.053587	5.75	0.000	.203173	.4132302
educ						
Primary	-.2156563	.0466095	-4.63	0.000	-.3070092	-.1243034
Secondary	-.579704	.0607471	-9.54	0.000	-.6987661	-.460642
Tertiary	-.6989833	.0559086	-12.50	0.000	-.8085621	-.5894044
jefeH	-.1325327	.0338726	-3.91	0.000	-.1989218	-.0661435
ocupa						
Working	.2287973	.04092	5.59	0.000	.1485956	.3089991
Unemployed	.4066548	.0620157	6.56	0.000	.2851062	.5282034

Studying	**-.0682934**	**.0810393**	**-0.84**	**0.399**	**-.2271276**	**.0905408**
civil	**-.3156776**	**.0335619**	**-9.41**	**0.000**	**-.3814577**	**-.2498975**
alcoholP	**1.087319**	**.0329708**	**32.98**	**0.000**	**1.022698**	**1.151941**
marijuanaEver	**1.247068**	**.0430873**	**28.94**	**0.000**	**1.162619**	**1.331518**
_cons	**-.8025331**	**.614879**	**-1.31**	**0.192**	**-2.007674**	**.4026075**

Average marginal effects Number of obs = **38,453**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXmale pcigXfemale**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXmale	**-.0072704**	**.0045728**	**-1.59**	**0.112**	**-.016233**	**.0016921**
pcigXfemale	**-.0125125**	**.0045643**	**-2.74**	**0.006**	**-.0214584**	**-.0035666**

Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)-_b[pcigXfemale]*(13.9154879735949/.1
> 123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**1.132812**	**.3305302**	**3.43**	**0.001**	**.4849844**	**1.780639**

(results r716 are active now)

added scalar:
e(test516) = **1.1328116**

added scalar:
e(test516_p) = **.00060971**
Confidence interval for formula:
_b[pcigXmale]*(13.9154879735949/.242572913447423)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.4170779**	**.2623246**	**-1.59**	**0.112**	**-.9312247**	**.0970689**

(results r716 are active now)

added scalar:
e(pe_m16) = **-.41707794**

added scalar:
e(pe_m16_p) = **.11185044**
Confidence interval for formula:
_b[pcigXfemale]*(13.9154879735949/.1123421536033777)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-1.54989**	**.5653679**	**-2.74**	**0.006**	**-2.65799**	**-.4417889**

(results r716 are active now)

added scalar:
e(pe_f16) = **-1.5498895**

added scalar:
e(pe_f16_p) = **.00611812**

Iteration 0: log pseudolikelihood = **-16385.761**
Iteration 1: log pseudolikelihood = **-14272.675**
Iteration 2: log pseudolikelihood = **-13892.899**
Iteration 3: log pseudolikelihood = **-13888.228**
Iteration 4: log pseudolikelihood = **-13888.177**
Iteration 5: log pseudolikelihood = **-13888.177**

Logistic regression — Number of obs = **38,453**
Wald chi2(**100**) = **4301.80**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-13888.177** — Pseudo R2 = **0.1524**

smokenP	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	-.0847412	.0413239	-2.05	0.040	-.1657345	-.0037478
pcigXest2	-.0925045	.04312	-2.15	0.032	-.1770181	-.0079909
pcigXest3	-.1046048	.0498681	-2.10	0.036	-.2023445	-.006865
municipi						
5045	-1.145534	.2323541	-4.93	0.000	-1.60094	-.6901287
5079	-.5882327	.775131	-0.76	0.448	-2.107461	.9309961
5088	-.118109	.1548771	-0.76	0.446	-.4216625	.1854444
5129	.4840067	.3635737	1.33	0.183	-.2285847	1.196598
5147	-.7400777	.4040646	-1.83	0.067	-1.53203	.0518744
5154	-1.004584	.3209112	-3.13	0.002	-1.633559	-.3756102
5172	-.2794698	.2480788	-1.13	0.260	-.7656953	.2067558
5212	-.5197501	.3926467	-1.32	0.186	-1.289324	.2498234
5266	-.4047147	.2690907	-1.50	0.133	-.9321228	.1226934
5308	.3973245	.5557026	0.71	0.475	-.6918325	1.486481
5360	-.1900682	.2066781	-0.92	0.358	-.5951498	.2150134
5376	-.1461238	.3303884	-0.44	0.658	-.7936732	.5014255
5380	-2.073217	.7582169	-2.73	0.006	-3.559295	-.5871389
5440	-.2572002	.3904249	-0.66	0.510	-1.022419	.5080185
5579	-.3994655	.3425219	-1.17	0.244	-1.070796	.2718651
5615	-.5106816	.2824277	-1.81	0.071	-1.06423	.0428666
5631	-.2280212	.4821919	-0.47	0.636	-1.1731	.7170574
5837	-.8741814	.4147547	-2.11	0.035	-1.687086	-.061277
8001	-.7995644	.1695353	-4.72	0.000	-1.131848	-.4672813
8078	-1.904863	1.059914	-1.80	0.072	-3.982256	.1725307
8433	-.3367155	.3512014	-0.96	0.338	-1.025058	.3516266
8638	-.3198084	.4236665	-0.75	0.450	-1.150179	.5105628
8758	-.7167166	.1904096	-3.76	0.000	-1.089913	-.3435207
11001	.4805962	.1877067	2.56	0.010	.1126978	.8484946
13001	-.8105507	.1032635	-7.85	0.000	-1.012943	-.608158
13052	-1.225749	.477336	-2.57	0.010	-2.16131	-.2901877
13244	.0098518	.2816758	0.03	0.972	-.5422227	.5619262
13430	-1.418668	.3697732	-3.84	0.000	-2.14341	-.6939259
13836	-.6504715	.3857725	-1.69	0.092	-1.406572	.1056286
17001	-.0393826	.0884642	-0.45	0.656	-.2127692	.1340041
17174	-.0914908	.2495327	-0.37	0.714	-.580566	.3975844
17380	-.249295	.2173064	-1.15	0.251	-.6752077	.1766177
17873	.7495539	.2237866	3.35	0.001	.3109401	1.188168
23001	-.9081528	.1387879	-6.54	0.000	-1.180172	-.6361336
23162	-1.507642	.4806567	-3.14	0.002	-2.449712	-.5655724
23417	-.8118997	.3500295	-2.32	0.020	-1.497945	-.1258545
23466	-.4893721	.2967588	-1.65	0.099	-1.071009	.0922644
23555	-.9409367	.389215	-2.42	0.016	-1.703784	-.1780893
23660	-1.70154	.4251822	-4.00	0.000	-2.534882	-.8681986
23807	-2.399244	1.023813	-2.34	0.019	-4.40588	-.3926086
41001	-.4165652	.1807466	-2.30	0.021	-.770822	-.0623085
41298	.1147426	.2751653	0.42	0.677	-.4245715	.6540567
41551	-.4855131	.2509283	-1.93	0.053	-.9773235	.0062974
50001	-.0052175	.1804059	-0.03	0.977	-.3588066	.3483716
50006	.3846914	.2861636	1.34	0.179	-.1761789	.9455617
50313	-.4872587	.386247	-1.26	0.207	-1.244289	.2697715
52001	.3224498	.1390266	2.32	0.020	.0499627	.5949369
52356	-.1790058	.2576266	-0.69	0.487	-.6839446	.3259331
52835	-1.317381	.3087599	-4.27	0.000	-1.922539	-.7122229
54001	-.2351377	.1299166	-1.81	0.070	-.4897696	.0194942
54405	-.7885594	.4165034	-1.89	0.058	-1.604891	.0277723

54498	-.4190379	.297072	-1.41	0.158	-1.001288	.1632125
54518	-.239867	.3967194	-0.60	0.545	-1.017423	.5376887
54874	-.0937768	.2391843	-0.39	0.695	-.5625694	.3750158
66001	.0766996	.2111191	0.36	0.716	-.3370862	.4904855
66170	.1373424	.2431957	0.56	0.572	-.3393125	.6139973
66400	.1665221	.3716247	0.45	0.654	-.5618489	.8948931
66682	.1541591	.3834957	0.40	0.688	-.5974788	.9057969
68001	-.4010667	.1737788	-2.31	0.021	-.7416669	-.0604665
68081	-.1176294	.2351055	-0.50	0.617	-.5784278	.343169
68276	-.4266958	.2029061	-2.10	0.035	-.8243845	-.0290072
68307	-.300009	.2821796	-1.06	0.288	-.8530708	.2530528
68547	-.3222461	.3352418	-0.96	0.336	-.9793078	.3348157
68679	-.2476124	.461734	-0.54	0.592	-1.152594	.6573697
76001	-.1679821	.1128663	-1.49	0.137	-.3891961	.0532318
76109	-1.214891	.2704871	-4.49	0.000	-1.745035	-.6847457
76111	-.4614708	.3203407	-1.44	0.150	-1.089327	.1663855
76147	-.1239291	.2487945	-0.50	0.618	-.6115574	.3636992
76248	-.4258934	.6651862	-0.64	0.522	-1.729634	.8778477
76275	-.1640984	.3321544	-0.49	0.621	-.8151091	.4869123
76364	-.3426845	.2635836	-1.30	0.194	-.8592989	.1739299
76520	-.360574	.1659618	-2.17	0.030	-.6858532	-.0352948
76563	.1425973	.2606796	0.55	0.584	-.3683254	.65352
76736	.1057882	.5355058	0.20	0.843	-.9437839	1.15536
76834	-.4292931	.2705504	-1.59	0.113	-.9595622	.100976
76892	-.4303541	.268137	-1.60	0.108	-.955893	.0951848
mesano						
200810	.4312165	.3750492	1.15	0.250	-.3038664	1.166299
200811	.3192815	.3701178	0.86	0.388	-.406136	1.044699
200812	.3637403	.3713116	0.98	0.327	-.364017	1.091498
201310	.06378	.3807821	0.17	0.867	-.6825391	.8100992
201311	-.0351675	.3804769	-0.09	0.926	-.7808884	.7105534
201312	.1275809	.3810148	0.33	0.738	-.6191944	.8743562
estrato_						
3	.1340423	.2531701	0.53	0.596	-.362162	.6302466
4-6	.4471727	.4492848	1.00	0.320	-.4334092	1.327755
sexo						
Male	.617581	.0345695	17.86	0.000	.5498261	.6853359
grupo_edad16						
26-50	.1449595	.0429666	3.37	0.001	.0607464	.2291726
51-65	.3074093	.0535715	5.74	0.000	.202411	.4124075
educ						
Primary	-.2127738	.0465506	-4.57	0.000	-.3040113	-.1215363
Secondary	-.581703	.0608734	-9.56	0.000	-.7010127	-.4623933
Tertiary	-.6954695	.0558598	-12.45	0.000	-.8049526	-.5859863
jefeH	-.139742	.0337255	-4.14	0.000	-.2058428	-.0736413
ocupa						
Working	.2179993	.0408456	5.34	0.000	.1379435	.2980552
Unemployed	.3884934	.0619879	6.27	0.000	.2669994	.5099875
Studying	-.0844433	.0812737	-1.04	0.299	-.2437368	.0748503
civil	-.3161257	.0335772	-9.41	0.000	-.3819357	-.2503157
alcoholP	1.086398	.0329622	32.96	0.000	1.021793	1.151003
marijuanaEver	1.247337	.0431474	28.91	0.000	1.16277	1.331904
_cons	-1.228474	.6085177	-2.02	0.044	-2.421147	-.0358014

Average marginal effects — Number of obs = **38,453**
Model VCE : **Robust**

Expression : **Pr(smokenP), predict()**
dy/dx w.r.t. : **pcigXest1 pcigXest2 pcigXest3**

	Delta-method dy/dx	Std. Err.	z	P>|z|	[95% Conf.	Interval]
pcigXest1	**-.009267**	**.0045185**	**-2.05**	**0.040**	**-.0181232**	**-.0004109**
pcigXest2	**-.010116**	**.0047146**	**-2.15**	**0.032**	**-.0193564**	**-.0008756**
pcigXest3	**-.0114393**	**.0054519**	**-2.10**	**0.036**	**-.0221248**	**-.0007537**

Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)-_b[pcigXest2]*(13.9154879735949/.18
> 64233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.0652851**	**.1541347**	**-0.42**	**0.672**	**-.3673835**	**.2368133**

(results r816 are active now)

added scalar:
e(test316) = **-.0652851**

added scalar:
e(test316_p) = **.67188757**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)-_b[pcigXest3]*(13.9154879735949/.19
> 89360567831286)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**.045066**	**.2448376**	**0.18**	**0.854**	**-.4348069**	**.5249389**

(results r816 are active now)

added scalar:
e(test416) = **.045066**

added scalar:
e(test416_p) = **.85396257**
Confidence interval for formula:
_b[pcigXest1]*(13.9154879735949/.1571878374505931)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.8203909**	**.400015**	**-2.05**	**0.040**	**-1.604406**	**-.0363759**

(results r816 are active now)

added scalar:
e(pe_est116) = **-.82039087**

added scalar:
e(pe_est116_p) = **.04027665**
Confidence interval for formula:
_b[pcigXest2]*(13.9154879735949/.1864233139501566)

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	**-.7551058**	**.3519181**	**-2.15**	**0.032**	**-1.444853**	**-.0653589**

(results r816 are active now)

added scalar:
e(pe_est216) = **-.75510577**

```
added scalar:
        e(pe_est216_p) =  .03189805
Confidence interval for formula:
_b[pcigXest3]*(13.9154879735949/.1989360567831286)
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-.8001718	.3813586	-2.10	0.036	-1.547621	-.0527227

```
(results r816 are active now)

added scalar:
          e(pe_est316) =  -.80017177

added scalar:
        e(pe_est316_p) =  .03588628
(output written to C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\o
> utput/tables/tableME16.csv)

293 *
294         mat colname bigResults = First_age Beta_young SE_young Beta_adult SE_adult B
  > eta_middle SE_middle

295         mat list bigResults

bigResults[7,7]
      First_age   Beta_young     SE_young   Beta_adult     SE_adult  Beta_middle    SE
> _middle
r1           10   -.00496329    .00429503   -.00677758    .00416544    -.0161709    .0
> 0440125
r1           11   -.00496329    .00429503   -.00677758    .00416544    -.0161709    .0
> 0440125
r1           12   -.00512139     .0043728   -.00724813    .00423973   -.01680928    .0
> 0447808
r1           13   -.00550453    .00445365   -.00778453    .00431415   -.01750107     .
> 0045553
r1           14   -.00568765    .00453712   -.00809452    .00439267   -.01793606    .0
> 0463598
r1           15    -.0055049    .00462754   -.00841456    .00447046   -.01835494    .0
> 0471431
r1           16   -.00501371    .00470506   -.00823171    .00453848   -.01823907    .0
> 0478174

296         svmat bigResults, names(col)

297         keep if Beta_young!=.
  (42,712 observations deleted)

298         keep First_age Beta* SE*

299
300 foreach x in young adult middle{
    2.          gen seUp_Beta_`x' = Beta_`x' + 1.69*SE_`x'
    3.          gen seLow_Beta_`x' = Beta_`x' - 1.69*SE_`x'
    4.          lab var seUp_Beta_`x' "Upper CI"
    5.          lab var seLow_Beta_`x' "Lower CI"
    6. }

301 *
```

```
302
303 foreach x in young adult middle{
    2.         tw (rcap seUp_Beta_`x' seLow_Beta_`x' First_age)(scatter Beta_`x' First_a
  > ge),  ///
  >         xtitle("Minimum age in the dataset") ytitle("Estimate of Pcig.`x'") ///
  >         legend(pos(6) r(1)) yline(0, lp(dash)) name(`x', replace)
    3. }

304
305 grc1leg2 young adult middle, r(1) title("Figure A1. Sensitivity Analysis - Minimum a
  > ge in the dataset") name(graph1, replace) ycomm note("Source: Author's calculations.
  > ", size(vsmall)) leg(young)

306 graph export "$output/tables/images/SA_age.png", as(png) replace
  (note: file C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/t
  > ables/images/SA_age.png not found)
  file C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades
      Respiratorias\output/tables/images/SA_age.png could not be opened
  r(603);

  end of do-file

  r(603);

307 do "C:\Users\andro\AppData\Local\Temp\STD00000000.tmp"

308 graph export "$output/images/SA_age.png", as(png) replace
  (note: file C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/i
  > mages/SA_age.png not found)
  (file C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output/images/
  > SA_age.png written in PNG format)

309
310 log close
        name:  <unnamed>
         log:  C:\Users\andro\Dropbox\tabaco\Tabaco y Enfermedades Respiratorias\output\
  > log\ELA_02_elasticityv3.smcl
    log type:  smcl
   closed on:  14 Dec 2019, 10:55:42
_______________________________________________________________________________
```