

Appendix

Table A1. Estimation of the prevalence and consumption equations with interaction between price and income. Instrumental variables method.

	Prevalence Equation		Consumption Equation
	Probit	MLP	MLP
<i>PANEL A: Second stage</i>			
Log unit price	-0.244 (0.554)	-0.044 (0.139)	-1.193* (0.630)
Log unit price* income	0.037 (0.095)	0.006 (0.024)	0.098 (0.111)
Man	0.673*** (0.017)	0.147*** (0.003)	0.171*** (0.019)
Age	-0.038*** (0.003)	-0.013*** (0.001)	0.047*** (0.003)
Age 2	0.000*** (0.000)	0.000*** (0.000)	-0.000*** (0.000)
Homemaker	-0.005 (0.043)	-0.008 (0.008)	-0.145*** (0.050)
Not in workforce	0.228*** (0.033)	0.050*** (0.008)	-0.107*** (0.035)
Number of children	-0.138*** (0.012)	-0.036*** (0.003)	0.038*** (0.013)
Other smokers in household	1.929*** (0.024)	0.592*** (0.006)	0.102*** (0.018)
Male head	-0.463*** (0.019)	-0.102*** (0.004)	-0.039* (0.020)
Education of Household Head	-0.043*** (0.003)	-0.010*** (0.001)	0.003 (0.003)
Elementary complete	0.173*** (0.030)	0.035*** (0.005)	0.054 (0.033)
High school incomplete	0.376*** (0.036)	0.079*** (0.007)	0.048 (0.037)
High school complete	0.371*** (0.040)	0.075*** (0.008)	0.034 (0.040)
Higher education incomplete	0.431*** (0.048)	0.091*** (0.010)	-0.007 (0.046)
Higher education complete	0.383*** (0.051)	0.073*** (0.010)	-0.036 (0.050)
Household per capita income	0.167 (0.258)	0.032 (0.066)	1.057*** (0.308)
Household per capita income 2	0.002 (0.009)	0.001 (0.002)	-0.053*** (0.011)
Constant	-0.484 (1.260)	0.429 (0.319)	-1.398 (1.453)
<i>PANEL B: First stage</i>			
Log unit price prov	0.968*** (0.014)	0.968*** (0.011)	0.967*** (0.050)
Log unit prov * income	0.000*** (0.000)	0.000*** (0.000)	0.000 (0.000)
Observations	44,821	44,821	10,316
Weak IV F-stat	58.70	58.70	10.80

Source: Own elaboration using data from the ENGHo 2004/2005, INDEC. Note: standard errors in parentheses, calculated using Bootstrap, with 100 repetitions. The F Statistic refers to the Kleibergen Paap rk wald F statistic. Statistical significance *** p<0.01, ** p<0.05, * p<0.1.

Table A2. Estimation of the prevalence and consumption equations with interaction between price and age. Instrumental variables method.

	Prevalence Equation		Consumption Equation
	Probit	MLP	MLP
<i>PANEL A: Second stage</i>			
Log unit price	-0.096 (0.099)	-0.014 (0.022)	-0.782*** (0.122)
Log unit price*age	0.002 (0.002)	0.000 (0.000)	0.004 (0.003)
Man	0.673*** (0.017)	0.147*** (0.003)	0.171*** (0.019)
Age	-0.035*** (0.005)	-0.013*** (0.001)	0.054*** (0.006)
Age 2	0.000*** (0.000)	0.000*** (0.000)	-0.000*** (0.000)
Homemaker	-0.004 (0.043)	-0.008 (0.008)	-0.144*** (0.050)
Not in the workforce	0.228*** (0.033)	0.050*** (0.008)	-0.109*** (0.035)
Number of children	-0.138*** (0.012)	-0.036*** (0.003)	0.038*** (0.013)
Other smokers in household	1.928*** (0.024)	0.592*** (0.006)	0.102*** (0.018)
Male head	-0.463*** (0.019)	-0.102*** (0.004)	-0.040* (0.020)
Education of the household head	-0.043*** (0.003)	-0.010*** (0.001)	0.003 (0.003)
Elementary complete	0.170*** (0.029)	0.034*** (0.005)	0.049 (0.033)
High school incomplete	0.372*** (0.035)	0.079*** (0.007)	0.041 (0.036)
High school complete	0.368*** (0.040)	0.075*** (0.008)	0.028 (0.040)
Higher education incomplete	0.428*** (0.048)	0.090*** (0.010)	-0.011 (0.046)
Higher education complete	0.380*** (0.051)	0.072*** (0.010)	-0.042 (0.050)
Household per capita income	0.073 (0.082)	0.016 (0.018)	0.794*** (0.094)
Household per capita income 2	0.004 (0.007)	0.001 (0.002)	-0.046*** (0.008)
Constant	-0.127 (0.322)	0.498*** (0.072)	-0.387 (0.375)
<i>PANEL B: First stage</i>			
Log unit price prov	0.997*** (0.045)	0.997*** (0.032)	1.132*** (0.143)
Log unit price prov * age	0.970*** (0.043)	0.970*** (0.035)	0.799*** (0.150)
Observations	44,821	44,821	10,316
Weak IV F-stat	1168	1168	77.71

Source: Own elaboration using data from the ENGHo 2004/2005, INDEC. Note: standard errors in parentheses, calculated using Bootstrap, with 100 repetitions. The F Statistic refers to the Kleibergen Paap rk wald F statistic.

Statistical significance *** ** p<0.01, ** p<0.05, * p<0.1.