

## Appendix

Table A1: Summary statistics (mean and standard error) for full sample and by socio-economic status (SES) in pooled cross-section data.

Variables	All	Low	Medium	High
Cigarette smokers (%)	40.0 (0.51)	35.4 (0.78)	41.8 (0.94)	44.4 (0.95)
Cigarette price per pack (2009 Taka)	18.82 (0.22)	13.97 (0.24)	16.96 (0.38)	26.06 (0.45)
Monthly household income (2009 Taka)	9,189 (56.29)	6,902 (61.94)	8,558 (85.53)	12,943 (116.26)
Female (%)	36.9 (0.50)	39.8 (0.80)	35.6 (0.92)	34.1 (0.91)
Age	37.4 (0.16)	37.4 (0.26)	37.6 (0.30)	37.2 (0.28)
Married (%)	78.7 (0.44)	80.9 (0.66)	79.1 (0.80)	75.3 (0.86)
Household size	4.01 (0.02)	3.67 (0.03)	4.13 (0.03)	4.35 (0.03)
<b><u>Education (%):</u></b>				
Illiterate	27.1 (0.48)	39.6 (0.82)	26.0 (0.86)	10.6 (0.61)
Primary (1-5 years)	30.3 (0.50)	35.4 (0.81)	34.6 (0.94)	18.5 (0.78)
Secondary (6-8 years)	19.8 (0.43)	16.6 (0.63)	21.9 (0.81)	22.3 (0.83)
SSC (9-10 years)	10.7 (0.33)	6.0 (0.40)	11.6 (0.63)	16.5 (0.74)
HSC (11-12 years)	5.9 (0.25)	1.9 (0.23)	4.1 (0.39)	13.3 (0.68)
Bachelor's (14-16 years)	4.7 (0.23)	0.4 (0.10)	1.7 (0.26)	13.8 (0.69)
Master's (15-17 years)	1.5 (0.13)	0.1 (0.06)	0.2 (0.08)	4.8 (0.43)
Above Master's	0.1 (0.03)	0.1 (0.04)	0.0 (0.00)	0.3 (0.10)
<b><u>Occupation (%):</u></b>				
Owner farmer	5.8 (0.24)	6.1 (0.39)	7.6 (0.51)	3.6 (0.36)
Tenant farmer	7.2 (0.27)	6.1 (0.39)	7.4 (0.50)	8.6 (0.54)
Self-employed in non-farm agriculture	3.0 (0.18)	5.0 (0.36)	2.2 (0.28)	1.2 (0.21)
Self-employed in non-agricultural activity	4.9 (0.23)	3.8 (0.31)	6.5 (0.47)	5.0 (0.42)
Variables	All	Low	Medium	High

Farm wage laborer	8.8 (0.30)	10.4 (0.50)	8.6 (0.54)	6.7 (0.48)
Non-farm agricultural wage laborer	0.8 (0.09)	0.4 (0.31)	0.4 (0.13)	1.6 (0.24)
Non-agricultural wage laborer	3.9 (0.20)	3.6 (0.31)	4.0 (0.38)	4.2 (0.38)
Professional	3.0 (0.18)	1.5 (0.20)	2.1 (0.28)	6.1 (0.46)
Managerial/administrative/clerking	4.5 (0.22)	3.7 (0.31)	4.7 (0.41)	5.7 (0.44)
Student	15.0 (0.37)	15.6 (0.60)	14.1 (0.67)	15.1 (0.69)
Unemployed	10.8 (0.32)	12.0 (0.53)	11.0 (0.60)	9.0 (0.55)
Homemaker	17.2 (0.40)	18.8 (0.64)	16.9 (0.72)	15.3 (0.69)
Others	15.0 (0.37)	13.1 (0.56)	14.4 (0.68)	18.1 (0.74)
Indoor smoking restriction (%)	59.4 (0.51)	52.2 (0.82)	59.4 (0.94)	69.2 (0.88)
Workplace smoking restriction (%)	7.4 (0.27)	4.0 (0.32)	6.7 (0.48)	12.8 (0.64)
Urban area of residence (%)	36.3 (0.50)	17.2 (0.62)	33.4 (0.90)	65.2 (0.91)

Note: The standard errors of mean values are in parentheses.

Table A2: Estimates of the reduced form equation for cigarette price in Table 4.

Dependent variable:	(1)	(2)	(3)	(4)
Price of cigarette-2009 Taka/pack	All	Low	Medium	High
Tax (%)	43.98 <sup>***</sup> (62.88)	26.35 <sup>***</sup> (40.06)	43.19 <sup>***</sup> (30.20)	51.96 <sup>***</sup> (39.42)
Monthly household income (2009 Taka)	0.000145 <sup>***</sup> (9.85)	0.00000760 (0.45)	0.0000674 <sup>**</sup> (3.22)	0.000151 <sup>***</sup> (5.70)
Female	-0.473 <sup>*</sup> (-2.37)	-0.483 <sup>**</sup> (-2.66)	-0.203 (-0.63)	-1.151 <sup>*</sup> (-2.47)
Age	-0.00570 (-1.51)	0.0148 <sup>***</sup> (3.86)	-0.0144 <sup>*</sup> (-2.24)	-0.00331 (-0.35)
Married	-0.125 (-0.82)	-0.143 (-0.85)	0.280 (1.02)	-0.443 (-1.31)
Household size	-0.0800 <sup>*</sup> (-2.10)	-0.0277 (-0.76)	-0.0167 (-0.26)	-0.177 <sup>*</sup> (-2.16)
<b>Education:</b>				
Primary (1-5 years)	0.0778 (0.65)	0.457 <sup>***</sup> (3.95)	0.260 (1.21)	-0.533 (-1.32)
Secondary (6-8 years)	0.485 <sup>**</sup> (3.05)	0.636 <sup>***</sup> (4.01)	0.903 <sup>**</sup> (2.82)	0.0349 (0.08)
SSC (9-10 years)	0.846 <sup>***</sup> (4.02)	0.609 <sup>**</sup> (2.88)	0.558 (1.36)	0.251 (0.55)
HSC (11-12 years)	2.573 <sup>***</sup> (8.57)	1.494 <sup>**</sup> (2.64)	2.543 <sup>***</sup> (4.26)	1.160 <sup>*</sup> (2.29)
Bachelor's (14-16 years)	4.305 <sup>***</sup> (8.60)	-1.339 (-1.15)	2.423 <sup>*</sup> (2.32)	2.305 <sup>***</sup> (3.60)
Master's (15-17 years)	8.987 <sup>***</sup> (6.77)	2.025 (0.74)	.	5.982 <sup>***</sup> (4.78)
Above Master's	3.416 (1.79)	.	.	0.934 (0.50)
<b>Occupation:</b>				
Tenant farmer	0.190 (0.64)	0.127 (0.45)	-1.023 <sup>*</sup> (-2.21)	1.493 <sup>*</sup> (2.00)
Self-employed in non-farm agriculture	-0.354 (-1.26)	-0.437 (-1.54)	-1.012 <sup>*</sup> (-2.02)	0.666 (0.58)
Self-employed in non-agricultural activity	-0.217 (-0.67)	-0.000790 (-0.00)	-0.785 (-1.38)	1.319 (1.93)
Farm wage laborer	-0.336 (-1.27)	0.00212 (0.01)	-0.863 (-1.47)	-0.235 (-0.30)
Non-farm agricultural wage laborer	0.193 (0.18)	2.561 <sup>*</sup> (2.04)	-2.947 (-1.83)	2.778 (1.60)
Non-agricultural wage laborer	-0.0178 (-0.04)	0.241 (0.56)	-1.346 <sup>*</sup> (-2.55)	2.326 <sup>*</sup> (2.04)

	(1) All	(2) Low	(3) Medium	(4) High
Non-agricultural wage laborer	-0.820 (-1.69)	0.157 (0.27)	-1.061 (-1.27)	0.225 (0.27)
Professional	-0.334 (-1.02)	-0.564 (-1.54)	-0.527 (-0.87)	0.415 (0.61)
Managerial/administrative/clerking	-0.300 (-1.03)	0.0757 (0.26)	-0.988* (-1.98)	0.318 (0.47)
Student	-0.707** (-2.71)	-0.631* (-2.46)	-1.014* (-2.30)	0.0732 (0.12)
Unemployed	0.440 (1.64)	0.649* (2.26)	-0.266 (-0.60)	1.637* (2.55)
Homemaker	0.246 (0.84)	-0.0588 (-0.24)	-0.000141 (-0.00)	1.268* (2.13)
Others	-0.820 (-1.69)	0.157 (0.27)	-1.061 (-1.27)	0.225 (0.27)
Indoor smoking restriction (1 yes, 0 no)	0.316** (2.84)	-0.0628 (-0.65)	0.188 (0.90)	0.296 (0.99)
Workplace smoking restriction (1 yes, 0 no)	0.605* (1.96)	1.394*** (3.87)	0.871 (1.83)	0.277 (0.51)
Urban area of Residence	2.666*** (18.17)	1.635*** (8.32)	1.291*** (5.04)	3.763*** (11.70)
Wave 2	-1.471*** (-10.27)	-0.166 (-1.09)	-1.518*** (-6.51)	-1.631*** (-5.00)
Observations	8507	3484	2540	2477

Notes:

- Columns 1, 2, 3 and 4 report results for all, low, medium and high socio-economic status groups respectively.
- The  $z$  statistics of the coefficients are in parentheses. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$
- Omitted categories include male, illiterate, owner farmers (occupation), the time effect of wave 1, and rural area of residence.

Table A3: Estimates of the reduced form equation for cigarette price in Table 6.

Dependent variable: cigarette price-2009 Taka	(1) All	(2) Low	(3) Medium	(4) High
Supplementary duty	75.18*** (25.73)	62.14*** (14.94)	77.37*** (11.08)	82.53*** (25.67)
Monthly household income (Taka)	0.00*** (5.21)	0.00 (0.68)	0.00 (0.26)	0.00*** (5.41)
Female	1.01 (0.81)	-0.30 (-0.46)	-1.40 (-1.14)	3.28 (1.05)
Age	-0.04*** (-3.60)	-0.01 (-1.20)	-0.05* (-1.98)	-0.06** (-2.33)
Married	0.32 (0.72)	-0.15 (-0.49)	0.71 (0.67)	0.51 (0.55)
Household size	-0.10 (-0.84)	-0.12 (-1.24)	0.31 (0.98)	-0.23 (-1.27)
<b>Education:</b>				
Primary (1-5 years)	0.17 (0.51)	0.05 (0.13)	1.01* (2.09)	-0.44 (-0.40)
Secondary (6-8 years)	1.19 (1.85)	-0.30 (-0.69)	3.67* (2.09)	-0.33 (-0.33)
SSC (9-10 years)	0.89 (1.70)	0.71 (1.09)	1.43 (1.81)	-0.28 (-0.24)
HSC (11-12 years)	2.67*** (3.64)	1.46 (0.94)	4.12** (3.48)	0.79 (0.66)
Bachelor's (14-16 years)	3.57*** (3.72)	3.29 (1.60)	4.26 (1.73)	1.38 (1.05)
Master's (15-17 years)	11.00** (2.57)	2.67** (2.76)	3.87 (0.92)	9.11 (1.87)
Above Master's	5.23* (2.22)	3.47*** (4.03)	-	4.15 (1.15)
<b>Occupation:</b>				
Tenant farmer	0.77 (1.79)	-0.35 (-0.76)	-0.35 (-0.46)	2.62** (2.31)
Self-employed in non- farm agriculture	0.06 (0.13)	-0.28 (-0.55)	0.19 (0.22)	-1.57 (-1.30)
Self-employed in non- agricultural activity	1.14* (2.09)	0.19 (0.35)	-0.10 (-0.11)	3.10** (2.52)
Farm wage laborer	0.53 (1.18)	0.12 (0.28)	0.06 (0.06)	0.55 (0.45)
Non-farm agricultural wage laborer	1.18 (0.64)	-0.09 (-0.10)	-5.71** (-2.34)	4.06 (1.40)
Non-agricultural	-0.54	0.67	-0.47	-2.29

wage laborer	(-0.97)	(1.20)	(-0.53)	(-1.62)
	(1)	(2)	(3)	(4)
	All	Low	Medium	High
Professional	-1.93 (-1.36)	-0.37 (-0.22)	-1.61 (-0.56)	-2.36 (-1.08)
Managerial/administrative/clerking	0.51 (0.69)	-0.95 (-1.46)	0.46 (0.32)	1.98 (1.27)
Student	1.90 (1.10)	2.37 (0.75)	-1.96 (-0.45)	3.02 (1.25)
Unemployed	0.44 (0.85)	0.79 (1.05)	-0.04 (-0.05)	-0.39 (-0.37)
Homemaker	1.17 (1.08)	-0.95 (-1.28)	1.39 (0.48)	3.31 (1.61)
Others	1.20 (1.81)	0.31 (0.72)	1.88 (1.06)	1.82 (1.54)
Indoor smoking restriction (1 yes, 0 no)	0.30 (0.66)	0.17 (0.52)	-0.56 (-0.40)	0.68 (0.85)
Workplace smoking restriction (1 yes, 0 no)	0.31 (0.61)	1.14* (2.12)	-0.29 (-0.32)	-0.12 (-0.13)
Urban area of Residence	1.65*** (4.16)	1.08** (2.28)	0.08 (0.10)	2.93*** (4.16)
Wave 2	-3.94*** (-11.69)	-4.02*** (-8.27)	-4.24*** (-7.07)	-3.75*** (-5.34)
Constant	-25.21*** (-15.68)	-16.81*** (-9.28)	-25.49*** (-6.80)	-30.65*** (-10.02)
Observations	3652	1311	1134	1207
Adjusted R <sup>2</sup>	0.52	0.49	0.37	0.51
Robust F statistic	661.96	222.95	122.80	658.42

Notes:

1. Columns 1, 2, 3 and 4 report results for all, low, medium and high socio-economic status groups respectively.

2. The *t* statistics of the coefficients are in parentheses. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

3. Omitted categories include male, illiterate, owner farmers (occupation), the time effect of wave 1, and rural area of residence.