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Table S1. COICOP classifications of commodities used in the analysis

Commodities	Description
Tobacco	Tobacco (COICOP group 2.3)
Food and non-alcoholic	Food and non-alcoholic beverages (COICOP group 1)
Cereals	Cereals and cereal products (COICOP group 1.1.1)
Meat	Live animals, meat, and other parts of slaughtered land animals (COICOP group 1.1.2)
Fish	Fish and other seafood (COICOP group 1.1.3)
Milk	Raw, whole, Skimmed, non-animal, and other milk (COICOP group 1.1.4.1 - 1.1.4.4)
Other dairy products	Cheese, yogurt, milk-based dessert and beverages, eggs, and other dairy products (COICOP group 1.1.4.6 - 1.1.4.9)
Oils and fats	Oils and fats (COICOP group 1.1.5)
Fruits and vegetables	Fruits and nuts (COICOP group 1.1.6) and
Desserts	Sugar, confectionary, and desserts (COICOP group 1.1.8)
Ready-made food	Ready-made food and other food products (COICOP group 1.1.9)
Coffee and tea	Coffee, tea, and cocoa drinks (COICOP group 1.2.1)
Other non-alcoholic beverages	Water, non-alcoholic beverages, fruit and vegetable juice, and soft drinks (COICOP group 1.2.2)
Clothes	Clothing and footwear (COICOP group 3)
Housing and utilities	Housing, water, electricity, gas, and other fuels (COICOP group 4)
Furniture	Furnishings, household equipment, and routine household maintenance (COICOP group 5)
Health	Health (COICOP group 6)
Transportation	Transport (COICOP group 7)
Communication	Information and communication (COICOP group 8)
Recreation and culture	Recreation, sport and culture (COICOP group 9)
Education	Education services (COICOP group 10)
Bars, restaurants and hotels	Restaurants and accommodation services (COICOP group 11)
Alcohol	Alcoholic beverages (COICOP group 2.1)

Table S2. Budget shares spent on different groups of products by smoking and non-smoking households – by income groups

Low-income household	Households without smokers	Households with smokers	Difference	t-stat
Tobacco	0.0%	5.6%	-5.6%	-50.140***
Food and non-alcoholic beverages	49.9%	47.7%	2.3%	3.585***
Cereals	8.0%	7.8%	0.2%	1.365
Meat	11.3%	11.2%	0.1%	0.353
Fish	1.0%	0.9%	0.1%	1.588
Milk	5.0%	4.4%	0.6%	4.038***
Other dairy products	9.0%	8.1%	0.8%	4.745***
Oils and fats	1.7%	1.6%	0.1%	2.109**
Fruits and vegetables	7.8%	7.6%	0.2%	1.457
Desserts	1.9%	2.0%	-0.1%	-1.428
Ready-made food	1.1%	1.2%	0.0%	-0.555
Coffee and tea	1.2%	1.2%	0.0%	1.246
Other non-alcoholic beverages	1.2%	1.2%	0.0%	0.384
Clothes	4.5%	4.7%	-0.2%	-1.036
Housing and utilities	23.2%	19.5%	3.7%	7.187***
Furniture	2.9%	2.9%	-0.1%	-0.650
Health	1.9%	1.6%	0.3%	2.819***
Transportation	6.0%	5.7%	0.2%	1.086
Communication	4.2%	4.2%	0.0%	0.380
Recreation and culture	1.6%	1.8%	-0.3%	-2.373**
Education	0.6%	0.4%	0.2%	1.756*
Bars, restaurants and hotels	0.8%	0.9%	-0.1%	-1.273**
Alcohol	1.1%	1.4%	-0.3%	-3.685***
Other	3.3%	3.5%	-0.2%	-1.614
Middle-income household	**Households without smokers**	**Households with smokers**	**Difference**	**t-stat**
Tobacco	0.0%	4.4%	-4.4%	-62.184***
Food and non-alcoholic beverages	34.6%	34.5%	0.1%	0.195
Cereals	5.1%	5.1%	0.0%	0.353
Meat	8.8%	9.8%	-1.1%	-5.961***
Fish	0.9%	0.8%	0.0%	0.025
Milk	2.3%	2.1%	0.2%	2.900***
Other dairy products	6.0%	5.7%	0.2%	1.916**
Oils and fats	1.1%	1.0%	0.1%	3.182***
Fruits and vegetables	5.9%	5.5%	0.4%	3.656***
Desserts	1.5%	1.5%	0.1%	1.460

	Households without smokers	Households with smokers	Difference	t-stat
Ready-made food	0.8%	0.8%	0.0%	0.499
Coffee and tea	0.9%	0.8%	0.0%	1.496
Other non-alcoholic beverages	0.9%	1.0%	-0.1%	-2.527**
Clothes	5.6%	6.0%	-0.4%	-2.488**
Housing and utilities	32.3%	26.4%	5.9%	14.480***
Furniture	3.0%	3.4%	-0.4%	-3.619***
Health	3.2%	2.3%	0.9%	6.393***
Transportation	7.3%	7.8%	-0.6%	-3.120***
Communication	4.7%	4.5%	0.2%	2.442**
Recreation and culture	2.2%	2.5%	-0.2%	-2.481**
Education	1.1%	1.1%	0.0%	0.343
Bars, restaurants and hotels	1.5%	1.9%	-0.4%	-4.999***
Alcohol	1.0%	1.4%	-0.5%	-8.422***
Other	3.5%	3.8%	-0.3%	-2.226**
High-income household	**Households without smokers**	**Households with smokers**	**Difference**	**t-stat**
Tobacco	0.0%	4.4%	-4.4%	-49.521***
Food and non-alcoholic beverages	25.9%	27.0%	-1.1%	-2.397**
Cereals	3.7%	3.7%	0.0%	0.015
Meat	6.7%	7.8%	-1.1%	-5.513***
Fish	1.0%	0.9%	0.0%	0.623
Milk	1.2%	1.2%	0.1%	0.996
Other dairy products	4.1%	4.1%	0.0%	-0.183
Oils and fats	0.9%	0.8%	0.1%	4.813***
Fruits and vegetables	4.8%	4.5%	0.2%	2.108**
Desserts	1.2%	1.2%	0.0%	0.554
Ready-made food	0.6%	0.6%	0.0%	-1.943**
Coffee and tea	0.7%	0.7%	0.0%	-0.059
Other non-alcoholic beverages	0.8%	0.9%	-0.1%	-3.211***
Clothes	5.6%	5.9%	-0.3%	-1.858*
Housing and utilities	38.1%	29.9%	8.3%	15.898***
Furniture	4.0%	3.9%	0.1%	0.691
Health	4.7%	3.1%	1.6%	8.336***
Transportation	6.9%	8.5%	-1.7%	-6.595***
Communication	4.4%	4.2%	0.2%	2.734***
Recreation and culture	2.4%	3.0%	-0.6%	-5.093***
Education	1.1%	1.2%	-0.1%	-0.448
Bars, restaurants and hotels	2.1%	2.9%	-0.8%	-5.463***
Alcohol	0.8%	1.4%	-0.5%	-9.078***
Other	3.8%	4.6%	-0.8%	-3.003***

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Table S3. Test of Instrumental variables validity for whole sample and by income groups

Whole sample	Pagan-Hall test statistics	p - value	Kleibergen-Paap rk LM-test	p - value	Hansen J	p - value	GMM C statistic	p - value	Wald test	p - value
Food and non-alcoholic beverages										
Cereals	1114.664	0.000	420.421	0.000	0.203	0.652	10.745	0.013	27.070	0.000
Meat	188.474	0.000	217.045	0.000	2.518	0.113	79.681	0.000	51.599	0.000
Fish	75.921	0.000	217.045	0.000	1.071	0.301	7.283	0.006	2.829	0.002
Milk	439.589	0.000	217.045	0.000	2.864	0.091	57.405	0.000	50.277	0.000
Other dairy products	618.365	0.000	217.045	0.000	3.309	0.069	26.376	0.000	29.963	0.000
Oils and fats	425.377	0.000	214.368	0.000	24.217	0.079	20.983	0.000	23.796	0.000
Fruits and vegetables	281.115	0.000	217.045	0.000	0.157	0.692	38.780	0.000	37.154	0.000
Desserts	53.092	0.000	31.381	0.000	1.722	0.189	26.670	0.000	18.017	0.000
Ready-made food	135.432	0.000	217.045	0.000	0.097	0.756	2.261	0.045	3.839	0.009
Coffee and tea	561.908	0.000	420.421	0.000	3.718	0.054	22.007	0.000	23.416	0.000
Other non-alcoholic beverages	57.692	0.000	29.746	0.000	2.484	0.115	30.437	0.000	20.584	0.000
Clothes	173.914	0.000	223.585	0.000	0.207	0.649	52.482	0.000	37.580	0.000
Housing and utilities	5.783	0.016	29.821	0.000	0.295	0.587	64.307	0.000	25.067	0.000
Furniture	33.845	0.000	29.746	0.000	0.086	0.770	11.439	0.010	7.698	0.049
Health	110.914	0.000	21.229	0.000	0.022	0.882	9.168	0.027	9.135	0.028
Transportation	9.421	0.002	29.746	0.000	0.014	0.904	164.687	0.000	25.340	0.000
Communication	70.203	0.000	223.585	0.000	0.557	0.456	82.925	0.000	52.805	0.000
Recreation and culture	6.893	0.009	26.256	0.000	4.725	0.659	87.453	0.000	18.057	0.000
Education	725.426	0.000	214.368	0.000	0.003	0.953	26.176	0.000	25.811	0.000
Bars, restaurants and hotels	10.219	0.001	29.746	0.000	2.354	0.125	297.372	0.000	32.625	0.000
Alcohol	152.910	0.000	214.368	0.000	0.047	0.829	167.971	0.000	123.853	0.000
Low-income	Pagan-Hall test statistics	p - value	Kleibergen-Paap rk LM-test	p - value	Hansen J	p - value	GMM C statistic	p - value	Wald test	p - value
Food and non-alcoholic beverages										
Cereals	48.064	0.000	68.926	0.000	1.428	0.490	7.615	0.055	6.511	0.009
Meat	114.030	0.000	68.825	0.000	0.551	0.458	8.265	0.041	3.132	0.027
Fish	119.631	0.000	68.825	0.000	0.705	0.401	11.239	0.011	10.280	0.016
Milk	32.845	0.000	68.926	0.000	5.172	0.075	18.122	0.000	20.330	0.000
Other dairy products	27.635	0.000	68.825	0.000	0.124	0.725	12.548	0.006	13.987	0.003

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	Pagan-Hall test statistics	p - value	Kleibergen-Paap rk LM-test	p - value	Hansen J	p - value	GMM C statistic	p - value	Wald test	p - value
Oils and fats	14.521	0.000	23.402	0.000	0.307	0.579	12.088	0.007	8.606	0.035
Fruits and vegetables	71.217	0.000	19.248	0.000	1.176	0.278	12.165	0.007	7.486	0.046
Desserts	14.721	0.000	68.825	0.000	2.494	0.114	18.195	0.000	12.967	0.005
Ready-made food	84.573	0.000	68.825	0.000	0.208	0.648	13.743	0.003	20.951	0.000
Coffee and tea	85.146	0.000	68.825	0.000	2.616	0.106	3.396	0.033	2.700	0.044
Other non-alcoholic beverages	64.884	0.000	68.825	0.000	0.717	0.397	9.040	0.029	8.821	0.032
Clothes	35.911	0.000	96.065	0.000	1.428	0.232	45.050	0.000	37.664	0.000
Housing and utilities	0.017	0.009	21.916	0.000	2.883	0.290	15.008	0.002	11.231	0.011
Furniture	7.855	0.005	9.912	0.007	0.489	0.484	18.991	0.000	9.035	0.029
Health	93.562	0.000	9.357	0.009	0.034	0.854	10.526	0.015	8.380	0.039
Transportation	8.616	0.003	22.371	0.000	0.421	0.516	12.413	0.006	7.478	0.048
Communication	8.995	0.003	22.371	0.000	0.452	0.501	23.085	0.000	12.276	0.006
Recreation and culture	25.051	0.000	96.065	0.000	0.348	0.555	20.902	0.000	21.464	0.000
Education	102.456	0.000	96.065	0.000	0.026	0.872	6.672	0.043	5.530	0.014
Bars, restaurants and hotels	0.010	0.009	12.397	0.002	0.662	0.416	52.596	0.000	9.677	0.022
Alcohol	5.934	0.015	17.052	0.000	0.340	0.560	48.745	0.000	14.866	0.002
Middle-income	Pagan-Hall test statistics	p - value	Kleibergen-Paap rk LM-test	p - value	Hansen J	p - value	GMM C statistic	p - value	Wald test	p - value
Food and non-alcoholic beverages										
Cereals	77.547	0.000	36.233	0.000	3.830	0.050	26.206	0.000	13.960	0.003
Meat	31.766	0.000	98.988	0.000	3.805	0.051	108.104	0.000	51.038	0.000
Fish	12.053	0.001	166.308	0.000	0.287	0.592	4.811	0.186	6.400	0.094
Milk	84.915	0.000	98.988	0.000	0.953	0.329	30.959	0.000	23.836	0.000
Other dairy products	94.156	0.000	98.988	0.000	0.682	0.409	28.122	0.000	26.919	0.000
Oils and fats	122.929	0.000	98.988	0.000	0.440	0.507	7.627	0.034	9.526	0.023
Fruits and vegetables	125.274	0.000	98.988	0.000	1.304	0.253	19.545	0.000	18.116	0.000
Desserts	2.472	0.116	15.627	0.000	2.510	0.113	68.288	0.000	9.235	0.026
Ready-made food	153.380	0.000	166.308	0.000	13.155	0.287	11.931	0.008	12.848	0.005
Coffee and tea	57.388	0.000	98.988	0.000	2.481	0.115	11.024	0.012	11.597	0.009
Other non-alcoholic beverages	14.827	0.000	41.260	0.000	0.050	0.823	7.626	0.054	11.301	0.010
Clothes	45.435	0.000	96.242	0.000	0.213	0.644	36.317	0.000	22.416	0.000
Housing and utilities	4.882	0.027	107.950	0.000	2.080	0.149	69.549	0.000	48.126	0.000
Furniture	124.269	0.000	45.117	0.000	0.223	0.637	23.364	0.000	12.112	0.007
Health	127.132	0.000	43.370	0.000	0.110	0.740	16.817	0.001	9.221	0.026

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	Pagan-Hall test statistics	p - value	Kleibergen-Paap rk LM-test	p - value	Hansen J	p - value	GMM C statistic	p - value	Wald test	p - value
Transportation	6.494	0.011	45.117	0.000	2.462	0.117	48.990	0.000	20.211	0.000
Communication	33.557	0.000	96.242	0.000	3.475	0.062	30.182	0.000	20.074	0.000
Recreation and culture	5.553	0.018	14.141	0.001	1.189	0.275	28.815	0.000	12.065	0.007
Education	219.993	0.000	96.242	0.000	0.107	0.743	14.384	0.002	11.228	0.011
Bars, restaurants and hotels	4.105	0.043	43.370	0.000	0.720	0.396	95.872	0.000	31.552	0.000
Alcohol	60.011	0.000	96.242	0.000	2.881	0.090	77.174	0.000	65.887	0.000
High-income	**Pagan-Hall test statistics**	**p - value**	**Kleibergen-Paap rk LM-test**	**p - value**	**Hansen J**	**p - value**	**GMM C statistic**	**p - value**	**Wald test**	**p - value**
Food and non-alcoholic beverages										
Cereals	2.020	0.155	51.245	0.000	0.859	0.354	27.002	0.000	18.301	0.000
Meat	71.422	0.000	86.415	0.000	0.528	0.467	28.482	0.000	26.701	0.000
Fish	8.405	0.004	25.758	0.000	0.880	0.348	12.032	0.007	10.467	0.015
Milk	22.944	0.000	51.245	0.000	1.993	0.158	27.083	0.000	19.082	0.000
Other dairy products	31.637	0.000	51.245	0.000	2.678	0.102	41.884	0.000	33.508	0.000
Oils and fats	0.697	0.404	12.403	0.002	0.123	0.726	21.388	0.000	7.991	0.046
Fruits and vegetables	11.401	0.001	51.245	0.000	0.141	0.707	15.934	0.001	13.859	0.003
Desserts	1.454	0.023	12.403	0.002	1.865	0.172	49.362	0.000	9.498	0.023
Ready-made food	106.758	0.000	51.245	0.000	3.327	0.168	9.655	0.022	15.713	0.001
Coffee and tea	70.446	0.000	86.415	0.000	1.834	0.176	10.464	0.015	9.722	0.021
Other non-alcoholic beverages	25.155	0.000	25.758	0.000	1.008	0.315	16.566	0.001	11.392	0.010
Clothes	5.749	0.017	17.227	0.000	0.007	0.931	13.716	0.003	8.028	0.045
Housing and utilities	4.037	0.045	102.957	0.000	2.065	0.151	75.804	0.000	65.337	0.000
Furniture	109.384	0.000	102.957	0.000	0.148	0.700	21.297	0.000	8.231	0.041
Health	18.205	0.000	63.866	0.000	0.264	0.608	8.109	0.044	13.349	0.004
Transportation	94.633	0.000	63.866	0.000	0.017	0.896	24.460	0.000	24.316	0.000
Communication	16.671	0.000	102.957	0.000	1.332	0.249	32.107	0.000	19.624	0.000
Recreation and culture	68.285	0.000	108.837	0.000	0.110	0.740	18.981	0.000	12.538	0.006
Education	315.062	0.000	63.866	0.000	0.047	0.828	8.063	0.045	9.800	0.020
Bars, restaurants and hotels	62.792	0.000	63.866	0.000	0.844	0.358	16.613	0.001	23.476	0.000
Alcohol	83.514	0.000	92.711	0.000	1.690	0.194	31.563	0.000	59.736	0.000

Note: adult share – share of adults out of total households members; asexratio – ratio of male to female adults in household; madultshare - share of male adults out of total households members; lnX – log of total tobacco expenditures; lnX2 – log of total tobacco expenditures squared; s_prev – prevalence by municipality (18+); cig_intensity - average number of cigarettes smoked monthly by municipality (18+)

Table S4. Estimation results: whole sample

VARIABLES	Cereals	Meat	Fish	Milk	Other dairy products	Oils and fats	Fruits and vegetables	Desserts	Ready-made food	Coffee and tea	Other non-alcoholic beverages	Clothes	Housing	Furniture	Health	Transportation	Communication	Recreation	Education	Bars and restaurants	Alcohol
exptob	-0.00010***	0.00019***	0.00001	0.00005***	-0.00008***	0.00000	-0.00005***	-0.00000	-0.00000	0.00002***	0.00002***	-0.00009***	-0.00036***	-0.00004**	-0.00002	-0.00002	0.00003	-0.00001	-0.00014***	0.00005***	0.00009***
	(0.00001)	(0.00004)	(0.00001)	(0.00001)	(0.00002)	(0.00000)	(0.00002)	(0.00000)	(0.00000)	(0.00001)	(0.00000)	(0.00003)	(0.00006)	(0.00002)	(0.00002)	(0.00002)	(0.00002)	(0.00002)	(0.00002)	(0.00001)	(0.00002)
lnM	-0.14663***	0.02078	-0.00182	-0.06049***	-0.07285***	-0.00582	-0.00475	0.00777*	0.00240	-0.01572***	-0.01474***	-0.03934***	0.55287***	-0.01536	-0.02219	-0.04435**	0.07315***	-0.02340***	-0.10651***	-0.04387***	0.01254**
	(0.01714)	(0.01990)	(0.00452)	(0.01551)	(0.01427)	(0.00383)	(0.01228)	(0.00447)	(0.00376)	(0.00410)	(0.00376)	(0.01158)	(0.03495)	(0.00969)	(0.01869)	(0.02033)	(0.00736)	(0.01369)	(0.00998)	(0.00736)	(0.00487)
lnM2	0.00880***	-0.00234	0.00016	0.00305***	0.00340***	0.00004	-0.00092	-0.00086*	-0.00046*	0.00088***	0.00099***	0.00563***	-0.04518***	0.00249***	0.00255	0.00555***	-0.00582***	0.00291***	0.00983***	0.00462***	-0.00069*
	(0.00133)	(0.00158)	(0.00036)	(0.00122)	(0.00112)	(0.00030)	(0.00096)	(0.00036)	(0.00029)	(0.00032)	(0.00029)	(0.00090)	(0.00278)	(0.00081)	(0.00159)	(0.00174)	(0.00049)	(0.00063)	(0.00120)	(0.00086)	(0.00038)
tob	-0.04018***	-0.08420***	-0.00353	0.02749***	-0.09515*	0.03124	-0.03875**	0.00914	0.03159	0.0509*	0.03424*	-0.25621***	0.18011**	-0.02147**	-0.05439	-0.09906	0.01091	-0.00309	-0.00105*	-0.16313***	0.08345***
	(0.01007)	(0.02218)	(0.01304)	(0.04978)	(0.02104)	(0.01717)	(0.02003)	(0.02266)	(0.01805)	(0.05943)	(0.08229)	(0.00925)	(0.07350)	(0.11217)	(0.03717)	(0.04681)	(0.00059)	(0.03987)	(0.03721)		
tob*lnM	0.01518	0.02902	0.00181	-0.00958	-0.02866	-0.00953	-0.01185	-0.00321	-0.00982	-0.00121	0.01062*	0.08275***	-0.07700	0.00728	0.01638	0.03299	-0.00370	-0.00010	0.00345	0.05660***	-0.02063*
	(0.02131)	(0.03198)	(0.00699)	(0.02044)	(0.02219)	(0.00655)	(0.01786)	(0.00629)	(0.00700)	(0.00552)	(0.00568)	(0.01948)	(0.05204)	(0.01528)	(0.02451)	(0.03757)	(0.01165)	(0.01554)	(0.02243)	(0.01323)	(0.01150)
tob*lnM2	-0.00140	-0.00238	-0.00020	0.00076	0.00212	0.00072	0.00088	0.00029	0.00077	0.00007	-0.00081*	-0.00656***	0.00734*	-0.00055	-0.00129	-0.00265	0.00027	0.00012	-0.00049	-0.00479***	0.00123
	(0.00166)	(0.00253)	(0.00055)	(0.00159)	(0.00172)	(0.00051)	(0.00139)	(0.00049)	(0.00054)	(0.00043)	(0.00044)	(0.00159)	(0.00410)	(0.00126)	(0.00203)	(0.00312)	(0.00091)	(0.00128)	(0.00190)	(0.00109)	(0.00089)
household size	0.00732***	0.00536***	0.00043***	0.00516***	0.00625***	0.00129***	0.00379***	0.00051***	0.00034***	0.00048***	-0.00006	-0.00292***	-0.01899***	-0.00232***	0.00076*	-0.00002	-0.00016	-0.00192***	0.00251***	-0.00307***	-0.00035**
	(0.00034)	(0.00052)	(0.00011)	(0.00025)	(0.00031)	(0.00009)	(0.00029)	(0.00011)	(0.00008)	(0.00006)	(0.00008)	(0.00046)	(0.00093)	(0.00030)	(0.00042)	(0.00053)	(0.00022)	(0.00028)	(0.00035)	(0.00026)	(0.00016)
mean age	-0.00033***	0.00017**	0.00005***	0.00000	0.00022***	0.00001	0.00008***	-0.00012***	-0.00006***	0.00003***	-0.00008***	-0.00081***	0.00109***	0.00017***	0.00075***	-0.00034***	-0.00005*	-0.00037***	-0.00011***	-0.00001***	0.00015***
	(0.00003)	(0.00007)	(0.00002)	(0.00003)	(0.00004)	(0.00001)	(0.00004)	(0.00001)	(0.00001)	(0.00001)	(0.00001)	(0.00005)	(0.00013)	(0.00005)	(0.00005)	(0.00006)	(0.00003)	(0.00003)	(0.00004)	(0.00003)	(0.00002)
max education	-0.00045***	-0.00304***	0.00026***	-0.00141***	-0.00233***	-0.00024***	-0.00036*	-0.00014*	-0.00020***	-0.00016***	0.00005	0.00120***	0.00373***	-0.00032*	-0.00157***	0.00081***	0.00195***	0.00143***	-0.00001	0.00077***	-0.00071***
	(0.00015)	(0.00032)	(0.00007)	(0.00015)	(0.00019)	(0.00005)	(0.00018)	(0.00007)	(0.00004)	(0.00005)	(0.00005)	(0.00024)	(0.00057)	(0.00019)	(0.00023)	(0.00028)	(0.00013)	(0.00015)	(0.00017)		(0.00010)
economic activity - employed	0.00009	0.00137	0.00032	-0.00153	-0.00317	0.00062	0.00168	0.00052	0.00035	-0.00042	-0.00027	-0.01107***	0.03401***	-0.00088	0.00802***	-0.01561***	-0.00746***	0.01101	0.00160	-0.00607***	-0.00167*
	(0.00158)	(0.00263)	(0.00053)	(0.00179)	(0.00202)	(0.00047)	(0.00165)	(0.00059)	(0.00050)	(0.00034)	(0.00045)	(0.00201)	(0.00551)	(0.00153)	(0.00163)	(0.00213)	(0.00103)	(0.00156)	(0.00151)	(0.00088)	(0.00094)
economic activity - pensioner	0.00135*	-0.00040	0.00020	-0.00252***	-0.00515***	0.00047*	0.00086	0.00122***	-0.00032	-0.00026	-0.00003	-0.00923***	0.03696***	-0.00031	0.00964***	-0.02163***	-0.00414***	0.00207***	0.00437***	-0.00933***	-0.00319***
	(0.00072)	(0.00177)	(0.00037)	(0.00076)	(0.00107)	(0.00028)	(0.00093)	(0.00034)	(0.00025)	(0.00018)	(0.00025)	(0.00122)	(0.00309)	(0.00097)	(0.00111)	(0.00147)	(0.00070)	(0.00072)	(0.00089)	(0.00067)	(0.00059)
region - south	-0.00046**	-0.01024***	0.00117***	-0.00148***	-0.00529***	0.00099***	-0.00200***	-0.00007	-0.00043***	-0.00032***	-0.00044***	0.00241***	0.01944***	-0.00078***	0.00273***	-0.00191***	0.00047*	-0.00058**	-0.00003	0.00013	-0.00140***
	(0.00020)	(0.00042)	(0.00013)	(0.00015)	(0.00024)	(0.00009)	(0.00024)	(0.00010)	(0.00007)	(0.00005)	(0.00007)	(0.00036)	(0.00089)	(0.00030)	(0.00037)	(0.00046)	(0.00021)	(0.00023)	(0.00030)	(0.00022)	(0.00012)
region - north	-0.00810***	-0.00142**	-0.00230***	0.00691***	0.00604***	0.00150***	0.00405***	-0.00009	-0.00010	0.00080***	-0.00157***	0.01306***	-0.01525***	0.00092**	-0.00337***	-0.00372***	-0.00233***	-0.00141***	0.00267***	0.00161***	0.00143***
	(0.00036)	(0.00069)	(0.00012)	(0.00034)	(0.00045)	(0.00012)	(0.00043)	(0.00015)	(0.00011)	(0.00008)	(0.00010)	(0.00056)	(0.00125)	(0.00038)	(0.00043)	(0.00057)	(0.00028)	(0.00030)	(0.00043)	(0.00027)	(0.00024)
number of children (age 0-2)	-0.00417***	-0.00131	-0.00054	0.00515***	-0.00378***	-0.00055*	0.00070	-0.00035	0.00491***	-0.00028	0.00044	-0.00916***	0.01322***	0.00578***	0.00304***	-0.00807***	-0.00437***	-0.00751***	-0.01056***	-0.00413***	0.00056
	(0.00101)	(0.00201)	(0.00039)	(0.00096)	(0.00115)	(0.00030)	(0.00109)	(0.00037)	(0.00055)	(0.00018)	(0.00034)	(0.00154)	(0.00322)	(0.00111)	(0.00111)	(0.00179)	(0.00073)	(0.00088)	(0.00075)	(0.00054)	(0.00060)
number of children (age 3-6)	-0.00191**	0.00465***	0.00011	0.00173**	-0.00279***	-0.00011	-0.00003	0.00269***	-0.00040*	0.00001	0.00046*	-0.00428***	0.01555***	0.00268***	0.00392***	-0.00551***	-0.00403***	-0.00181**	-0.01016***	-0.00403***	0.00048
	(0.00081)	(0.00150)	(0.00032)	(0.00071)	(0.00086)	(0.00022)	(0.00079)	(0.00023)	(0.00021)	(0.00015)	(0.00024)	(0.00120)	(0.00244)	(0.00079)	(0.00082)	(0.00138)	(0.00061)	(0.00060)	(0.00060)	(0.00046)	(0.00041)
number of elderly 65+	0.00208***	0.00156	-0.00006	0.00360***	0.00375***	0.00029	0.00147**	0.00103***	0.00032*	0.00025*	0.00028	0.00094	-0.01459***	-0.00177*	0.00257***	0.00104	-0.00009	0.00052	-0.00347***	-0.00122**	0.00093***
	(0.00050)	(0.00116)	(0.00027)	(0.00055)	(0.00072)	(0.00020)	(0.00072)	(0.00025)	(0.00016)	(0.00014)	(0.00017)	(0.00081)	(0.00223)	(0.00072)	(0.00089)	(0.00110)	(0.00049)	(0.00051)	(0.00056)	(0.00049)	(0.00043)
y2	-0.02256***	-0.05323***	-0.00375***	-0.00651***	-0.02073***	-0.00317***	-0.02464***	-0.00481***	-0.00269***	-0.00205***	-0.00663***	-0.00651**	0.19790***	-0.01017***	0.00416**	0.00030	-0.00491***	-0.00664***	0.00112	-0.00310***	-0.00637***
	(0.00138)	(0.00307)	(0.00072)	(0.00132)	(0.00186)	(0.00052)	(0.00194)	(0.00065)	(0.00043)	(0.00032)	(0.00047)	(0.00270)	(0.00479)	(0.00218)	(0.00167)	(0.00269)	(0.00167)	(0.00164)	(0.00124)	(0.00187)	(0.00104)
y3	-0.01925***	-0.04146***	-0.00374***	-0.00646***	-0.01703***	-0.00295***	-0.02084***	-0.00504***	-0.00143***	-0.00121***	-0.00300***	-0.01354***	0.15787***	-0.00955***	0.00304	0.00886***	-0.00737***	-0.00427***	0.00228*	0.00089	-0.00489***
	(0.00160)	(0.00350)	(0.00083)	(0.00139)	(0.00196)	(0.00058)	(0.00224)	(0.00071)	(0.00055)	(0.00038)	(0.00059)	(0.00270)	(0.00582)	(0.00235)	(0.00186)	(0.00293)	(0.00172)	(0.00171)	(0.00119)	(0.00189)	(0.00120)
y4	-0.01870***	-0.06268***	-0.00512***	-0.00421***	-0.01479***	-0.00120*	-0.02828***	-0.00894***	-0.00244***	-0.00264***	-0.00605***	-0.01580***	0.18470***	-0.01405***	0.00352*	0.02457***	-0.00674***	-0.00445**	0.00077	0.00287	-0.00879***
	(0.00153)	(0.00320)	(0.00074)	(0.00134)	(0.00200)	(0.00054)	(0.00199)	(0.00063)	(0.00046)	(0.00034)	(0.00052)	(0.00269)	(0.00523)	(0.00241)	(0.00196)	(0.00296)	(0.00161)	(0.00186)	(0.00127)	(0.00193)	(0.00116)
y5	-0.02102***	-0.04491***	-0.00493***	-0.00352**	-0.00989***	-0.00445**	-0.02168***	-0.00685***	-0.00174***	-0.00194***	-0.00511***	-0.01305***	0.16979***	-0.01198***	0.00358**	0.00865***	-0.01323***	-0.00502***	0.00306*	0.00057	-0.00868***
	(0.00152)	(0.00353)	(0.00080)	(0.00145)	(0.00215)	(0.00054)	(0.00215)	(0.00071)	(0.00048)	(0.00038)	(0.00053)	(0.00305)	(0.00563)	(0.00231)	(0.00181)	(0.00283)	(0.00168)	(0.00175)	(0.00129)	(0.00186)	(0.00115)
y6	-0.02338***	-0.04901***	-0.00638***	-0.00571***	-0.01477***	-0.00491***	-0.03022***	-0.00787***	-0.00159***	-0.00209***	-0.00620***	-0.01047***	0.19351***	-0.02014***	0.00514***	0.01320***	-0.00922***	-0.00553***	0.00353*	-0.00003	-0.00827***
	(0.00144)	(0.00326)	(0.00068)	(0.00129)	(0.00203)	(0.00053)	(0.00192)	(0.00062)	(0.00046)	(0.00033)	(0.00047)	(0.00256)	(0.00522)	(0.00216)	(0.00185)	(0.00280)	(0.00157)	(0.00175)	(0.00137)	(0.00187)	(0.00115)
y7	-0.01729***	-0.05860***	-0.00632***	-0.00887***	-0.02247***	-0.00276***	-0.03042***	-0.00681***	-0.00224***	-0.00159***	-0.00606***	-0.00722***	0.19500***	-0.01706***	0.00822***	0.02056***	-0.00587***	-0.00760***	0.00249*	0.00028	-0.01050***
	(0.00145)	(0.00312)	(0.00071)	(0.00139)	(0.00188)	(0.00056)	(0.00196)	(0.00063)	(0.00044)	(0.00034)	(0.00050)	(0.00261)	(0.00475)	(0.00218)	(0.00184)	(0.00277)	(0.00164)	(0.00175)	(0.00122)	(0.00177)	(0.00109)
y8	-0.02028***	-0.06806***	-0.00709***	-0.00867***	-0.02246***	-0.00434***	-0.03797***	-0.00852***	-0.00325***	-0.00149***	-0.00678***	0.00203	0.19265***	-0.01894***	0.01087***	0.03062***	-0.00787***	-0.00471***	0.00470***	0.00144	-0.00959***
	(0.00181)	(0.00310)	(0.00065)	(0.00155)	(0.00193)	(0.00053)	(0.00186)	(0.00060)	(0.00043)	(0.00034)	(0.00050)	(0.00276)	(0.00460)	(0.00209)	(0.00182)	(0.00280)	(0.00158)	(0.00180)	(0.00131)	(0.00184)	(0.00105)
y9	-0.02397***	-0.07598***	-0.00825***	-0.01205***	-0.02868***	-0.00565***	-0.03980***	-0.00977***	-0.00301***	-0.00127***	-0.00778***	0.00432	0.21309***	-0.02084***	0.01109***	0.03436***	-0.00695***	-0.00680***	0.00905***	0.00181	-0.01194***
	(0.00149)	(0.00292)	(0.00066)	(0.00134)	(0.00180)	(0.00053)	(0.00185)	(0.00067)	(0.00044)	(0.00035)	(0.00050)	(0.00271)	(0.00491)	(0.00214)	(0.00184)	(0.00290)	(0.00159)	(0.00170)	(0.00160)	(0.00182)	(0.00104)
y10	-0.02624***	-0.07426***	-0.00784***	-0.01207***	-0.02910***	-0.00643***	-0.04019***	-0.00909***	-0.00246***	-0.00179***	-0.00661***	0.00443	0.20357***	-0.01941***	0.01184***	0.03419***	-0.00781***	-0.01311	0.00609***	0.00540***	-0.01316***
	(0.00140)	(0.00308)	(0.00070)	(0.00139)	(0.00187)	(0.00049)	(0.00192)	(0.00063)	(0.00048)	(0.00033)	(0.00047)	(0.00277)	(0.00468)	(0.00215)	(0.00189)	(0.00270)	(0.00160)	(0.00186)	(0.00129)	(0.00184)	(0.00098)
y11	-0.02912***	-0.07250***	-0.00758***	-0.01638***	-0.02600***	-0.00645***	-0.03543***	-0.00927***	-0.00271***	-0.00218***	-0.00788***	0.00384	0.19098***	-0.01953***	0.01170***	0.03056***	-0.00111	0.00072	0.00870***	0.00834***	-0.01101***
	(0.00138)	(0.00311)	(0.00069)	(0.00133)	(0.00188)	(0.00050)	(0.00193)	(0.00063)	(0.00045)	(0.00034)	(0.00052)	(0.00266)	(0.00473)	(0.00222)	(0.00189)	(0.00273)	(0.00165)	(0.00182)	(0.00142)	(0.00183)	(0.00109)
y12	-0.02974***	-0.06436***	-0.00634***	-0.01686***	-0.02492***	-0.00625***	-0.03255***	-0.00840***	-0.00300	-0.00254***	-0.00809***	0.01299***	0.16922***	-0.01841***	0.00765***	0.03800***	-0.00264	-0.00026	0.00569***	0.01336***	-0.01315***
	(0.00139)	(0.00314)	(0.00069)	(0.00126)	(0.00194)	(0.00051)	(0.00194)	(0.00061)	(0.00065)	(0.00033)	(0.00048)	(0.00259)	(0.00465)	(0.00230)	(0.00186)	(0.00270)	(0.00165)	(0.00185)	(0.00136)	(0.00191)	(0.00106)
Constant	0.64686***	0.10995*	0.01523	0.28354***	0.38987***	0.04620***	0.14047***	0.01179	0.01639	0.07253***	0.07356***	0.11590***	-1.57262***	0.04796	0.02821	0.13258***	-0.18131***	0.07318***	0.28246***	0.11787***	-0.03357**
	(0.05493)	(0.06272)	(0.01416)	(0.04943)	(0.04554)	(0.01228)	(0.03936)	(0.01408)	(0.01059)	(0.01195)	(0.01314)	(0.03486)	(0.10932)	(0.02935)	(0.05523)	(0.05959)	(0.01971)	(0.02113)	(0.03880)	(0.02960)	(0.01569)
Observations	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007	15,007
R-squared	0.42626	0.15922	0.06682	0.31007	0.31722	0.16850	0.19774	0.08814	0.09293	0.20917	0.09982	0.25290	0.37591	0.05039	0.14739	0.18990	0.08675	0.12673	0.09396	0.13988	0.06794

Standard errors in parentheses *** p<0.01, ** p<0.05, * p<0.1; Note: exptob – expenditure on tobacco; lnM – logarithm of total expenditure without tobacco; lnM2 – logarithm of total expenditure without tobacco squared; tob – dummy variable indicating smoking and non-smoking households (1-consumers, 0-non consumers); y2-y12 – year fixed effects

Table S4a. Estimation results: Low-income group

VARIABLES	Cereals	Meat	Fish	Milk	Other dairy products	Oils and fats	Fruits and vegetables	Desserts	Ready-made food	Coffee and tea	Other non-alcoholic beverages	Clothes	Housing	Furniture	Health	Transportation	Communication	Recreation	Education	Bars and restaurants	Alcohol
exptob	-0.00020***	0.00023***	-0.00002	0.00009**	-0.00006	0.00001	-0.00005	0.00001	-0.00000	0.00005***	0.00004**	-0.00023***	-0.00044***	-0.00001	0.00000	-0.00005	0.00006	-0.00006*	-0.00006***	-0.00002	0.00007**
	(0.00005)	(0.00009)	(0.00002)	(0.00004)	(0.00006)	(0.00001)	(0.00005)	(0.00002)	(0.00001)	(0.00001)	(0.00001)	(0.00007)	(0.00013)	(0.00004)	(0.00008)	(0.00005)	(0.00005)	(0.00003)	(0.00003)	(0.00002)	(0.00003)
lnM	-0.12991***	0.08803*	-0.00479	0.05987	0.04910	0.01222	0.07420**	0.00748	0.01764***	-0.00078	-0.01495	-0.11160***	0.02192	0.00341	0.04487***	-0.05690***	0.03237***	-0.04946***	-0.06188***	-0.02659***	0.03492***
	(0.03866)	(0.04809)	(0.00987)	(0.04115)	(0.03367)	(0.00934)	(0.02914)	(0.01165)	(0.00637)	(0.00864)	(0.00974)	(0.05985)	(0.01533)	(0.01603)	(0.02401)	(0.01130)	(0.01144)	(0.01212)	(0.00662)	(0.01019)	(0.00662)
lnM2	0.00588	-0.00815*	0.00044	-0.00777*	-0.00679*	-0.00164**	-0.00858***	-0.00100	-0.00178***	-0.00035	0.00089	0.01274***	0.00249	-0.00004	-0.00353**	0.00782***	-0.00167	0.00543***	0.00625***	0.00281***	0.00264***
	(0.00332)	(0.00421)	(0.00086)	(0.00353)	(0.00292)	(0.00252)	(0.00252)	(0.00055)	(0.00074)	(0.00084)	(0.00209)	(0.00209)	(0.00051)	(0.00086)	(0.00141)	(0.00013)	(0.00013)	(0.00103)	(0.00115)	(0.00064)	(0.00089)
tob	-0.19293***	0.15833***	0.04281	0.00248	0.18507	0.02914	0.11012	-0.03760	0.07966	0.00682**	-0.02454***	0.05506***	-0.52527*	-0.01229	-0.08091	-0.08468	-0.04153	0.05739**	-0.03378***	0.01667	0.19540**
	(0.07587)	(0.05942)	(0.05242)	(0.15288)	(0.15415)	(0.04924)	(0.13042)	(0.04669)	(0.05165)	(0.00321)	(0.00832)	(0.01156)	(0.31241)	(0.07360)	(0.07980)	(0.11990)	(0.08287)	(0.02602)	(0.00964)	(0.04579)	(0.07920)
tob*lnM	0.06818	-0.05991	-0.01473	-0.00273	-0.06417	-0.00940	-0.03969	0.01191	-0.02659	-0.00217	0.00706	-0.02470	0.19513*	0.00296	0.02241	0.02845	0.01816	-0.02072	0.01645	-0.00660	-0.06312**
	(0.05157)	(0.06826)	(0.01795)	(0.05205)	(0.05257)	(0.01656)	(0.04446)	(0.01606)	(0.01718)	(0.01352)	(0.01416)	(0.04123)	(0.10674)	(0.02585)	(0.02756)	(0.04288)	(0.02841)	(0.02288)	(0.01782)	(0.01593)	(0.02664)
tob*lnM2	-0.00602	0.00545	0.00126	0.00034	0.00543	0.00075	0.00356	-0.00092	0.00223	0.00017	-0.00009	0.00274	-0.01779*	-0.00013	-0.00150	-0.00237	-0.00189	0.00191	-0.00183	0.00069	0.00511**
	(0.00436)	(0.00585)	(0.00152)	(0.00440)	(0.00446)	(0.00139)	(0.00377)	(0.00137)	(0.00143)	(0.00113)	(0.00120)	(0.00364)	(0.00909)	(0.00226)	(0.00237)	(0.00380)	(0.00242)	(0.00200)	(0.00164)	(0.00139)	(0.00223)
household size	0.00976***	0.00133	0.00012	0.00599***	0.00542***	0.00120***	0.00381***	0.00018	-0.00004	0.00024*	-0.00028*	-0.00205**	-0.01738***	-0.00072	0.00076	-0.00251***	-0.00184***	-0.00169***	0.00055	-0.00025	0.00082***
	(0.00096)	(0.00106)	(0.00024)	(0.00067)	(0.00076)	(0.00020)	(0.00065)	(0.00024)	(0.00020)	(0.00013)	(0.00017)	(0.00089)	(0.00161)	(0.00044)	(0.00057)	(0.00091)	(0.00046)	(0.00050)	(0.00034)	(0.00038)	(0.00030)
mean age	-0.00068***	0.00015	0.00002	0.00014	0.00057***	-0.00002	0.00005	-0.00023***	-0.00007**	0.00009***	-0.00013***	-0.00054***	0.00054**	0.00003	0.00070***	-0.00028**	0.00002	-0.00033***	0.00002	0.00004	0.00020***
	(0.00009)	(0.00015)	(0.00004)	(0.00010)	(0.00010)	(0.00003)	(0.00009)	(0.00003)	(0.00003)	(0.00002)	(0.00003)	(0.00010)	(0.00025)	(0.00006)	(0.00009)	(0.00012)	(0.00007)	(0.00006)	(0.00004)	(0.00004)	(0.00005)
max education	-0.00043	-0.00036	0.00061***	-0.00289***	-0.00320***	-0.00027**	0.00008	0.00002	-0.00017*	-0.00021***	0.00026**	0.00058	0.00088	0.00040	-0.00119***	0.00044	0.00199***	0.00088***	0.00066***	0.00098***	-0.00042**
	(0.00041)	(0.00061)	(0.00015)	(0.00037)	(0.00043)	(0.00012)	(0.00041)	(0.00015)	(0.00010)	(0.00008)	(0.00011)	(0.00047)	(0.00094)	(0.00027)	(0.00030)	(0.00049)	(0.00029)	(0.00027)	(0.00024)	(0.00030)	(0.00019)
economic activity - employed	-0.00008	0.00096	0.00028	-0.03358	-0.00441	0.00033	0.00074	0.00014	-0.00016	-0.00024	-0.00054	-0.00476*	0.03528***	0.00461***	0.00581***	-0.01411***	-0.00543***	0.00065	0.00211	-0.00291***	-0.00296***
	(0.00269)	(0.00349)	(0.00082)	(0.00285)	(0.00283)	(0.00077)	(0.00235)	(0.00091)	(0.00080)	(0.00053)	(0.00066)	(0.00279)	(0.00718)	(0.00167)	(0.00185)	(0.00290)	(0.00152)	(0.00165)	(0.00158)	(0.00088)	(0.00120)
economic activity - pensioner	0.00224	-0.00016	0.00076	-0.00525**	-0.00550**	0.00151**	0.00083	0.00024	-0.00059	-0.00035	-0.00005	-0.00173	0.02036***	-0.00212	0.00819***	-0.01444***	-0.00101	0.00091	0.00226*	-0.00215**	-0.00413***
	(0.00168)	(0.00293)	(0.00068)	(0.00183)	(0.00225)	(0.00061)	(0.00185)	(0.00066)	(0.00059)	(0.00041)	(0.00049)	(0.00208)	(0.00511)	(0.00121)	(0.00178)	(0.00233)	(0.00139)	(0.00103)	(0.00118)	(0.00088)	(0.00109)
region - south	0.00096	-0.00420***	0.00262***	-0.00304***	-0.00482***	0.00148***	-0.00002	0.00079***	-0.00028	-0.00042***	-0.00028	-0.00148*	0.01666***	0.00151***	-0.00210***	-0.00112	0.00048	-0.00157***	0.00044	-0.00007	-0.00056
	(0.00069)	(0.00112)	(0.00038)	(0.00058)	(0.00069)	(0.00028)	(0.00069)	(0.00027)	(0.00021)	(0.00015)	(0.00021)	(0.00083)	(0.00203)	(0.00050)	(0.00057)	(0.00113)	(0.00063)	(0.00048)	(0.00041)	(0.00035)	(0.00035)
region - north	-0.01382***	-0.00301***	-0.00188***	0.00879***	0.00796***	0.00159***	0.00710***	0.00039	-0.00037	0.00086***	-0.00161***	0.01455***	-0.01156***	0.00039	-0.00470***	-0.00690***	-0.00183***	-0.00020	0.00195***	0.00208***	0.00189***
	(0.00071)	(0.00110)	(0.00023)	(0.00066)	(0.00079)	(0.00020)	(0.00070)	(0.00026)	(0.00023)	(0.00014)	(0.00019)	(0.00091)	(0.00184)	(0.00049)	(0.00059)	(0.00091)	(0.00051)	(0.00047)	(0.00045)	(0.00038)	(0.00038)
number of children (age 0-2)	-0.00617***	-0.00272	-0.00005	0.00725***	-0.00293*	-0.00046	0.00241	-0.00111**	0.00347***	0.00015	-0.00009	-0.01036***	0.00458	0.00343***	0.00214*	-0.00494***	-0.00375***	-0.00632***	-0.00369***	-0.00265***	0.00150*
	(0.00164)	(0.00260)	(0.00058)	(0.00155)	(0.00175)	(0.00048)	(0.00163)	(0.00057)	(0.00060)	(0.00030)	(0.00050)	(0.00195)	(0.00459)	(0.00114)	(0.00118)	(0.00233)	(0.00112)	(0.00129)	(0.00070)	(0.00058)	(0.00080)
number of children (age 3-6)	-0.00480***	0.00519**	-0.00037	0.00276**	-0.00340**	-0.00004	0.00003	0.00217***	-0.00042	0.00017	0.00035	-0.00389**	0.01346***	0.00041	0.00258**	-0.00258	-0.00183*	-0.00134	-0.00422***	-0.00203***	-0.00031
	(0.00129)	(0.00211)	(0.00043)	(0.00128)	(0.00136)	(0.00038)	(0.00121)	(0.00049)	(0.00043)	(0.00023)	(0.00037)	(0.00164)	(0.00335)	(0.00106)	(0.00106)	(0.00177)	(0.00094)	(0.00105)	(0.00051)	(0.00051)	(0.00058)
number of elderly 65+	0.00345***	-0.00123	0.00010	0.00466***	0.00084	0.00009	0.00062	0.00123**	-0.00001	-0.00042	0.00078**	-0.00187	-0.00789**	-0.00192**	0.00037	0.00338**	-0.00016	0.00159*	-0.00150**	-0.00110	0.00069
	(0.00118)	(0.00228)	(0.00057)	(0.00148)	(0.00164)	(0.00045)	(0.00152)	(0.00052)	(0.00035)	(0.00031)	(0.00037)	(0.00156)	(0.00388)	(0.00102)	(0.00132)	(0.00194)	(0.00101)	(0.00087)	(0.00068)	(0.00077)	(0.00079)
y2	-0.01878***	-0.05995***	-0.00417***	-0.00795***	-0.02623***	-0.00277***	-0.02231***	-0.00486***	-0.00334***	-0.00230***	-0.00601***	-0.01041***	0.19964***	-0.00359*	0.00622***	-0.00395	-0.00635***	-0.00684***	0.00171	-0.00062	0.00629***
	(0.00198)	(0.00383)	(0.00090)	(0.00189)	(0.00271)	(0.00072)	(0.00244)	(0.00087)	(0.00060)	(0.00045)	(0.00062)	(0.00322)	(0.00639)	(0.00213)	(0.00178)	(0.00318)	(0.00194)	(0.00175)	(0.00141)	(0.00118)	(0.00125)
y3	-0.01354***	-0.03173***	-0.00260***	-0.00476***	-0.01363***	-0.00106	-0.00950***	-0.00204*	-0.00082	-0.00071	0.00039	-0.01480***	0.10487***	0.00395	0.00375**	0.00163	-0.01134***	-0.00499***	0.00238*	0.00125	0.00441***
	(0.00256)	(0.00514)	(0.00113)	(0.00240)	(0.00296)	(0.00090)	(0.00314)	(0.00115)	(0.00086)	(0.00060)	(0.00095)	(0.00313)	(0.00838)	(0.00276)	(0.00206)	(0.00352)	(0.00223)	(0.00180)	(0.00142)	(0.00114)	(0.00147)
y4	-0.01484***	-0.06847***	-0.00599***	-0.00133	-0.01531***	0.00109	-0.02813***	-0.00889***	-0.00248***	-0.00304***	-0.00594***	-0.01384***	0.14549***	-0.00429	0.01293***	0.03458***	-0.00479***	-0.00511***	0.00014	0.00629***	0.00987***
	(0.00273)	(0.00473)	(0.00103)	(0.00288)	(0.00386)	(0.00108)	(0.00302)	(0.00105)	(0.00075)	(0.00062)	(0.00076)	(0.00380)	(0.00824)	(0.00288)	(0.00313)	(0.00442)	(0.00229)	(0.00219)	(0.00110)	(0.00143)	(0.00160)
y5	-0.01767***	-0.02892***	-0.00170	0.00292	0.00105	-0.00438***	-0.00720**	-0.00652***	-0.00165**	-0.00143*	-0.00396***	-0.01277***	0.10986***	-0.00378	0.00119	0.00585*	-0.01755***	-0.00403*	-0.00073	0.00052	0.00827***
	(0.00279)	(0.00525)	(0.00137)	(0.00280)	(0.00365)	(0.00092)	(0.00355)	(0.00128)	(0.00075)	(0.00065)	(0.00089)	(0.00333)	(0.00918)	(0.00235)	(0.00211)	(0.00344)	(0.00216)	(0.00211)	(0.00098)	(0.00114)	(0.00167)
y6	-0.02375***	-0.05640***	-0.00683***	-0.00462*	-0.01175***	-0.00434***	-0.03182***	-0.00820***	-0.00052	-0.00238***	-0.00636***	-0.01213***	0.17093***	0.01271***	0.00680***	0.02582***	-0.00808***	-0.00448**	-0.00050	0.00289***	0.00818***
	(0.00240)	(0.00441)	(0.00095)	(0.00244)	(0.00370)	(0.00088)	(0.00264)	(0.00104)	(0.00085)	(0.00054)	(0.00068)	(0.00343)	(0.00754)	(0.00211)	(0.00231)	(0.00413)	(0.00201)	(0.00223)	(0.00161)	(0.00126)	(0.00169)
y7	-0.01616***	-0.06382***	-0.00378***	-0.00835***	-0.03219***	-0.00012	-0.02608***	-0.00642***	-0.00235***	-0.00096	-0.00537***	-0.00566	0.18022***	0.01386***	0.01330***	0.02560***	-0.00580**	-0.00904***	0.00038	0.00178	0.01180***
	(0.00276)	(0.00480)	(0.00109)	(0.00311)	(0.00311)	(0.00108)	(0.00295)	(0.00103)	(0.00068)	(0.00059)	(0.00076)	(0.00370)	(0.00679)	(0.00186)	(0.00161)	(0.00405)	(0.00226)	(0.00205)	(0.00148)	(0.00147)	(0.00168)
y8	-0.01651***	-0.07850***	-0.00598***	-0.01036***	-0.02907***	-0.00388***	-0.03641***	-0.00972***	-0.00316***	-0.00157**	-0.00676***	0.00263	0.19487***	0.01442***	0.01180***	0.03241***	-0.00405**	-0.00549**	0.00020	0.00229***	0.00825***
	(0.00351)	(0.00416)	(0.00097)	(0.00285)	(0.00335)	(0.00089)	(0.00284)	(0.00095)	(0.00067)	(0.00057)	(0.00079)	(0.00395)	(0.00690)	(0.00192)	(0.00242)	(0.00364)	(0.00222)	(0.00214)	(0.00163)	(0.00114)	(0.00152)
y9	-0.02585***	-0.07291***	-0.00766***	-0.01527***	-0.03621***	-0.00576***	-0.03928***	-0.01000***	-0.00325***	-0.00047	-0.00787***	0.00472	0.21427***	0.01679***	0.01046***	0.03959***	-0.00244	-0.00903***	0.00197	0.00393***	0.01093***
	(0.00251)	(0.00438)	(0.00096)	(0.00282)	(0.00335)	(0.00098)	(0.00284)	(0.00133)	(0.00068)	(0.00071)	(0.00077)	(0.00428)	(0.00821)	(0.00200)	(0.00248)	(0.00440)	(0.00242)	(0.00212)	(0.00162)	(0.00153)	(0.00162)
y10	-0.02995***	-0.07220***	-0.00861***	-0.00689***	-0.03172***	-0.00645***	-0.04132***	-0.01123***	-0.00286***	-0.00096*	-0.00590***	0.00187	0.19617***	0.01376***	0.01048***	0.04173***	-0.00920***	0.00056	0.00606**	0.00538***	0.01312***
	(0.00217)	(0.00430)	(0.00093)	(0.00329)	(0.00315)	(0.00072)	(0.00252)	(0.00088)	(0.00069)	(0.00055)	(0.00069)	(0.00402)	(0.00703)	(0.00197)	(0.00219)	(0.00371)	(0.00208)	(0.00273)	(0.00246)	(0.00143)	(0.00116)
y11	-0.03240***	-0.07747***	-0.00910***	-0.02448***	-0.03833***	-0.00671***	-0.04066***	-0.00949***	-0.00370***	-0.00148**	-0.00769***	0.00007	0.19836***	0.01069***	0.01547***	0.03748***	0.00075	0.00000	0.00688**	0.01311***	0.00922***
	(0.00248)	(0.00489)	(0.00101)	(0.00252)	(0.00327)	(0.00084)	(0.00292)	(0.00116)	(0.00068)	(0.00063)	(0.00082)	(0.00382)	(0.00751)	(0.00198)	(0.00171)	(0.00396)	(0.00241)	(0.00235)	(0.00283)	(0.00150)	(0.00177)
y12	-0.04276***	-0.06221***	-0.00509***	-0.02231***	-0.02330***	-0.00640***	-0.03190***	-0.00908***	0.00572	-0.00219***	-0.00793***	0.01607***	0.16433***	0.01298***	0.00637***	0.03869***	-0.00385	0.00245	0.00234	0.01100***	0.01240***
	(0.00262)	(0.00578)	(0.00132)	(0.00303)	(0.00448)	(0.00095)	(0.00327)	(0.00130)	(0.00350)	(0.00074)	(0.00087)	(0.00488)	(0.00917)	(0.00259)	(0.00289)	(0.00503)	(0.00279)	(0.00342)	(0.00258)	(0.00166)	(0.00198)
Constant	0.65777***	-0.07579	0.02257	-0.04472	0.02847	0.00009	-0.06270	0.02292	-0.02494	0.02678	0.07924***	0.28018***	-0.08552	0.01862	-0.15037***	0.13732**	-0.08501***	0.13765***	0.14310***	0.05736***	0.09757***
	(0.11412)	(0.13958)	(0.02859)	(0.12147)	(0.09809)	(0.02541)	(0.08565)	(0.03349)	(0.01886)	(0.02541)	(0.02875)	(0.06411)	(0.17031)	(0.04279)	(0.04670)	(0.06717)	(0.03219)	(0.03515)	(0.01885)		
Observations	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714	4,714
R-squared	0.39787	0.15787	0.09887	0.20519	0.23826	0.10371	0.18425	0.09626	0.05220	0.15224	0.12828	0.20681	0.35243	0.05169	0.12946	0.19668	0.08955	0.08906	0.05272	0.06520	0.07105

Standard errors in parentheses *** p<0.01, ** p<0.05, * p<0.1; Note: exptob – expenditure on tobacco; lnM – logarithm of total expenditure without tobacco; lnM2 – logarithm of total expenditure without tobacco squared; tob – dummy variable indicating smoking and non-smoking households (1-consumers, 0-non consumers); y2-y12 – year fixed effects

Table S4b. Estimation results: Middle-income group

VARIABLES	Cereals	Meat	Fish	Milk	Other dairy products	Oils and fats	Fruits and vegetables	Desserts	Ready-made food	Coffee and tea	Other non-alcoholic beverages	Clothes	Housing	Furniture	Health	Transportation	Communication	Recreation	Education	Bars and restaurants	Alcohol
exptob	-0.00011***	0.00019***	0.00001	0.00004***	-0.00010***	0.00001	-0.00006**	-0.00000	0.00000	0.00001***	0.00002**	-0.00008*	-0.00035***	-0.00007**	-0.00004	0.00007	0.00001	-0.00006***	-0.00019***	0.00001	0.00009***
	(0.00002)	(0.00006)	(0.00001)	(0.00001)	(0.00003)	(0.00002)	(0.00001)	(0.00001)	(0.00001)	(0.00000)	(0.00001)	(0.00005)	(0.00009)	(0.00003)	(0.00003)	(0.00005)	(0.00002)	(0.00002)	(0.00003)	(0.00002)	(0.00002)
lnM	-0.00734	-0.02302	-0.00706	-0.02406	-0.07660***	0.00673	0.07161***	0.02088***	-0.00093	-0.01552***	-0.00116	-0.08647***	0.19895**	-0.04096	-0.02047	0.13970***	0.09490***	-0.05596***	-0.09666***	-0.06509	0.01339
	(0.01757)	(0.04507)	(0.00922)	(0.01799)	(0.02821)	(0.00709)	(0.02573)	(0.00862)	(0.00599)	(0.00546)	(0.00626)	(0.03170)	(0.08306)	(0.03422)	(0.03906)	(0.01622)	(0.01880)	(0.02844)	(0.05588)	(0.01450)	
lnM2	-0.00166	0.00252	0.00075	0.00051	0.00415*	-0.00080	-0.00633***	-0.00182***	-0.00022	0.00079*	-0.00002	0.00893***	-0.01816***	0.00463*	0.00150	-0.00967***	-0.00773***	0.00491***	0.00879***	0.00662	-0.00069
	(0.00140)	(0.00366)	(0.00076)	(0.00141)	(0.00223)	(0.00056)	(0.00205)	(0.00070)	(0.00048)	(0.00043)	(0.00051)	(0.00265)	(0.00665)	(0.00262)	(0.00272)	(0.00133)	(0.00160)	(0.00247)	(0.00475)	(0.00116)	
tob	-0.05457***	-0.02102**	0.00016	0.03463***	0.03334**	0.04947	-0.00570*	0.08223***	-0.03463	0.00190*	0.02726***	-0.26822*	-0.14698*	-0.03621***	0.05659	0.06494	0.08284	-0.05527***	-0.07416***	-0.10803	0.23646**
	(0.01473)	(0.03973)	(0.01509)	(0.01401)	(0.03803)	(0.03515)	(0.02727)	(0.04466)	(0.02102)	(0.00591)	(0.13938)	(0.07998)	(0.01266)	(0.15804)	(0.16049)	(0.07427)	(0.01490)	(0.02055)	(0.16687)	(0.10978)	
tob*lnM	-0.01639	0.01649	0.00152	0.01160	-0.00446	-0.01483	-0.00368	-0.02651*	0.01038	-0.00027	0.00789	0.08846*	0.01181	0.01259	-0.02392	-0.01856	-0.02820	0.01724	0.02713	0.04063	-0.06510*
	(0.01675)	(0.01017)	(0.01285)	(0.02366)	(0.04410)	(0.01191)	(0.03331)	(0.01414)	(0.00872)	(0.00797)	(0.00945)	(0.04555)	(0.05245)	(0.02382)	(0.02445)	(0.03453)	(0.05556)	(0.03418)			
tob*lnM2	0.00119	-0.00189	-0.00024	-0.00100	-0.00009	0.00110	0.00037	0.00212*	-0.00077	0.00001	-0.00057	-0.00715*	0.00147	-0.00097	0.00228	0.00125	0.00232	-0.00132	-0.00236	-0.00365	0.00445*
	(0.00208)	(0.00520)	(0.00104)	(0.00185)	(0.00346)	(0.00093)	(0.00262)	(0.00111)	(0.00070)	(0.00062)	(0.00075)	(0.00370)	(0.00987)	(0.00341)	(0.00396)	(0.00190)	(0.00199)	(0.00288)	(0.00458)	(0.00265)	
household size	0.00655***	0.00379***	-0.000002	0.00432***	0.00554***	0.00092***	0.00266***	0.00052*	0.00059***	0.00070***	0.00023	-0.00214*	-0.02443***	-0.00243***	0.00231***	0.00184	0.00017	0.0040	0.00392***	-0.00203**	0.00073*
	(0.00051)	(0.00141)	(0.00027)	(0.00037)	(0.00070)	(0.00017)	(0.00070)	(0.00029)	(0.00024)	(0.00012)	(0.00023)	(0.00122)	(0.00240)	(0.00078)	(0.00087)	(0.00139)	(0.00058)	(0.00072)	(0.00106)	(0.00086)	(0.00043)
mean age	-0.00012***	0.00027**	0.00006***	0.00012***	0.00037***	0.00005***	0.00021***	-0.00009***	-0.00002	0.00003**	-0.00003*	-0.00082***	-0.00008	0.00006	0.00078***	-0.00013	0.00000	-0.00049***	-0.00004	0.00003	0.00017***
	(0.00004)	(0.00012)	(0.00002)	(0.00004)	(0.00007)	(0.00002)	(0.00006)	(0.00002)	(0.00002)	(0.00001)	(0.00002)	(0.00009)	(0.00023)	(0.00006)	(0.00008)	(0.00010)	(0.00005)	(0.00006)	(0.00006)	(0.00005)	(0.00004)
max education	-0.00074***	-0.00453***	0.0004	-0.00094***	-0.00244***	-0.00032***	-0.00089***	-0.00030***	-0.00024***	-0.00019***	0.0001	0.00152***	0.00568***	-0.00042	-0.00111***	0.00079*	0.00232***	0.00135***	0.00022	0.00059***	-0.00097***
	(0.00017)	(0.00053)	(0.00011)	(0.00018)	(0.00031)	(0.00007)	(0.00028)	(0.00012)	(0.00007)	(0.00006)	(0.00008)	(0.00039)	(0.00111)	(0.00032)	(0.00035)	(0.00045)	(0.00020)	(0.00024)	(0.00029)	(0.00018)	
economic activity - employed	0.00033	0.00888*	0.00158*	-0.00152	0.00278	0.00102	0.00327	0.00061	0.00111	-0.00081*	0.00022	-0.01888***	0.02516***	-0.00258	0.00573*	-0.01653***	-0.00962***	0.00230	0.00494	-0.00536***	-0.00025
	(0.00210)	(0.00471)	(0.00089)	(0.00187)	(0.00326)	(0.00065)	(0.00257)	(0.00103)	(0.00084)	(0.00049)	(0.00070)	(0.00336)	(0.01056)	(0.00218)	(0.00321)	(0.00384)	(0.00175)	(0.00383)	(0.00307)	(0.00185)	(0.00177)
economic activity - pensioner	0.00026	0.00556**	-0.00005	-0.00063	-0.00370**	0.00006	0.00135	0.00151***	-0.00002	-0.00053*	0.00065	-0.01416***	0.03100***	0.00028	0.00775***	-0.02082***	-0.00530***	0.00236*	0.00586***	-0.00805***	-0.00062
	(0.00091)	(0.00257)	(0.00047)	(0.00100)	(0.00155)	(0.00039)	(0.00148)	(0.00053)	(0.00030)	(0.00028)	(0.00048)	(0.00181)	(0.00493)	(0.00151)	(0.00177)	(0.00237)	(0.00110)	(0.00121)	(0.00139)	(0.00111)	(0.00092)
region - south	-0.00135***	-0.01102***	0.00079***	-0.00178***	-0.00612***	0.00075***	-0.00317***	-0.00032*	-0.00050***	-0.00042***	-0.00061***	0.00296***	0.02470***	-0.00083*	0.00271***	-0.00322***	0.00128***	-0.0004	0.0064	-0.0004	-0.00165***
	(0.00025)	(0.00069)	(0.00020)	(0.00018)	(0.00038)	(0.00012)	(0.00035)	(0.00017)	(0.00011)	(0.00007)	(0.00012)	(0.00062)	(0.00143)	(0.00047)	(0.00059)	(0.00070)	(0.00037)	(0.00039)	(0.00051)	(0.00034)	(0.00020)
region - north	-0.00404***	-0.00026	-0.00216***	0.00550***	0.00446***	0.00169***	0.00337***	-0.0004	0.00003	0.00075***	-0.00149***	0.01292***	-0.01765***	0.00198***	-0.00042***	-0.00347***	-0.00295***	-0.00194***	0.00317***	0.00138***	0.00167***
	(0.00037)	(0.00100)	(0.00016)	(0.00040)	(0.00063)	(0.00016)	(0.00066)	(0.00022)	(0.00012)	(0.00011)	(0.00013)	(0.00083)	(0.00187)	(0.00069)	(0.00062)	(0.00087)	(0.00040)	(0.00048)	(0.00071)	(0.00038)	(0.00040)
number of children (age 0-2)	-0.00192*	0.00776**	-0.00038	0.00504***	0.00071	-0.00026	0.00155	0.00025	0.00720***	-0.00031	0.00128**	-0.00850***	0.00324	0.00402**	0.00154	-0.00720**	-0.00451***	-0.01190***	-0.01304***	-0.00634***	0.00064
	(0.00098)	(0.00352)	(0.00055)	(0.00085)	(0.00150)	(0.00031)	(0.00150)	(0.00057)	(0.00122)	(0.00024)	(0.00054)	(0.00278)	(0.00501)	(0.00202)	(0.00154)	(0.00302)	(0.00122)	(0.00123)	(0.00150)	(0.00105)	(0.00110)
number of children (age 3-6)	0.00095	0.01034***	0.00066	0.00247***	0.00307**	0.00020	0.00158	0.00304***	0.00011	0.00041**	0.00059	-0.00479**	0.00088	0.00142	0.00327***	-0.00696***	-0.00546***	-0.00490***	-0.01259***	-0.00602***	0.00260***
	(0.00094)	(0.00274)	(0.00048)	(0.00057)	(0.00119)	(0.00026)	(0.00130)	(0.00053)	(0.00038)	(0.00020)	(0.00203)	(0.00382)	(0.00124)	(0.00208)	(0.00091)	(0.00117)	(0.00108)	(0.00094)	(0.00074)		
number of elderly 65+	0.00083	0.00174	-0.00036	0.00034	0.00162	-0.00015	0.00025	0.00123***	0.00022	0.00023	-0.00042	0.00153	-0.00210	0.00066	0.00373***	-0.00371**	-0.00113	0.00117	-0.00538***	-0.00249***	0.00099
	(0.00064)	(0.00193)	(0.00036)	(0.00065)	(0.00109)	(0.00030)	(0.00114)	(0.00038)	(0.00023)	(0.00022)	(0.00028)	(0.00133)	(0.00351)	(0.00106)	(0.00135)	(0.00178)	(0.00070)	(0.00077)	(0.00096)	(0.00070)	(0.00077)
y2	-0.00708***	-0.03286***	-0.00276**	-0.00001	-0.01034***	-0.00306***	-0.02578***	-0.00237	-0.0005	-0.00208***	-0.00711***	-0.02288***	0.19342***	-0.01945***	0.0025	-0.00957***	-0.01102***	-0.01012***	0.00469**	-0.0090	-0.00720***
	(0.00183)	(0.00714)	(0.00120)	(0.00134)	(0.00305)	(0.00100)	(0.00548)	(0.00132)	(0.00060)	(0.00060)	(0.00115)	(0.00697)	(0.00960)	(0.00765)	(0.00346)	(0.00568)	(0.00394)	(0.00502)	(0.00217)	(0.00617)	(0.00251)
y3	-0.00607***	-0.03768***	-0.00315**	-0.00170	-0.01204***	-0.00355***	-0.02745***	-0.00402***	-0.0001	-0.00180***	-0.00501***	-0.03066***	0.18911***	-0.02325***	0.00211	0.00380	-0.01157***	-0.00813	0.00692***	-0.00541	-0.00660**
	(0.00196)	(0.00751)	(0.00151)	(0.00138)	(0.00308)	(0.00102)	(0.00562)	(0.00134)	(0.00074)	(0.00065)	(0.00119)	(0.00680)	(0.01070)	(0.00785)	(0.00351)	(0.00607)	(0.00394)	(0.00509)	(0.00212)	(0.00623)	(0.00274)
y4	-0.00199	-0.04590***	-0.00402***	0.00155	-0.00558*	-0.00123	-0.02885***	-0.00698***	-0.00089	-0.00299***	-0.00616***	-0.03301***	0.18418***	-0.02580***	0.00504	0.01778***	-0.01098***	-0.00862*	0.00428***	-0.00309	-0.00946***
	(0.00200)	(0.00718)	(0.00121)	(0.00141)	(0.00303)	(0.00099)	(0.00551)	(0.00129)	(0.00058)	(0.00059)	(0.00119)	(0.00677)	(0.01023)	(0.00774)	(0.00343)	(0.00591)	(0.00381)	(0.00506)	(0.00198)	(0.00610)	(0.00263)
y5	-0.00690***	-0.03323***	-0.00542***	0.00028	-0.00736**	-0.00434**	-0.02802***	-0.00247**	-0.00016	-0.00227***	-0.00545***	-0.02822***	0.19431***	-0.02465***	0.00576	-0.00162	-0.01670***	-0.00951***	0.00649***	-0.00621	-0.01035***
	(0.00199)	(0.00744)	(0.00127)	(0.00153)	(0.00324)	(0.00101)	(0.00569)	(0.00140)	(0.00066)	(0.00069)	(0.00118)	(0.00677)	(0.01087)	(0.00770)	(0.00374)	(0.00578)	(0.00384)	(0.00503)	(0.00247)	(0.00598)	(0.00267)
y6	-0.00739***	-0.02674***	-0.00542***	0.00051	-0.00758**	-0.00470***	-0.03050***	-0.00564***	-0.00020	-0.00223***	-0.00693***	-0.02924***	0.19813***	-0.03121***	0.00454	0.00191	-0.01563***	-0.01081***	0.00910***	-0.00720	-0.00940***
	(0.00186)	(0.00747)	(0.00115)	(0.00147)	(0.00300)	(0.00102)	(0.00547)	(0.00130)	(0.00061)	(0.00061)	(0.00114)	(0.00676)	(0.01002)	(0.00762)	(0.00356)	(0.00569)	(0.00383)	(0.00498)	(0.00260)	(0.00600)	(0.00273)
y7	-0.00030	-0.04144***	-0.00616***	-0.00341**	-0.01224***	-0.00296***	-0.03241***	-0.00440***	-0.00060	-0.00199***	-0.00613***	-0.02664***	0.21242***	-0.02996***	0.00479	0.00710	-0.01186***	-0.01290***	0.00460***	-0.00632	-0.01218***
	(0.00195)	(0.00709)	(0.00115)	(0.00143)	(0.00298)	(0.00103)	(0.00548)	(0.00131)	(0.00060)	(0.00060)	(0.00115)	(0.00682)	(0.00967)	(0.00751)	(0.00343)	(0.00566)	(0.00386)	(0.00510)	(0.00197)	(0.00585)	(0.00257)
y8	-0.00571***	-0.05077***	-0.00698***	-0.00403*	-0.01346***	-0.00451***	-0.04084***	-0.00581***	-0.00224***	-0.00197***	-0.00742***	-0.01374***	0.21068***	-0.03036***	0.00665	0.01979***	-0.01382***	-0.01042***	0.00887***	-0.00549	-0.01237***
	(0.00194)	(0.00708)	(0.00115)	(0.00168)	(0.00303)	(0.00102)	(0.00547)	(0.00134)	(0.00060)	(0.00062)	(0.00116)	(0.00693)	(0.00958)	(0.00739)	(0.00341)	(0.00596)	(0.00386)	(0.00504)	(0.00232)	(0.00570)	(0.00258)
y9	-0.00848***	-0.06192***	-0.00784***	-0.00612***	-0.01890***	-0.00536***	-0.04145***	-0.00723***	-0.00011	-0.00200***	-0.00788***	-0.01607***	0.22807***	-0.03086***	0.00929***	0.02632***	-0.01191***	-0.01310***	0.01150***	-0.00557	-0.01350***
	(0.00193)	(0.00701)	(0.00112)	(0.00152)	(0.00297)	(0.00101)	(0.00543)	(0.00129)	(0.00060)	(0.00064)	(0.00115)	(0.00694)	(0.00985)	(0.00739)	(0.00346)	(0.00603)	(0.00387)	(0.00499)	(0.00243)	(0.00555)	(0.00257)
y10	-0.01076***	-0.06150***	-0.00821***	-0.00721***	-0.02059***	-0.00659***	-0.04296***	-0.00657***	-0.00088	-0.00246***	-0.00719***	-0.01102	0.22327***	-0.02981***	0.00991***	0.02506***	-0.01311***	-0.00874*	0.01022***	-0.00267	-0.01558***
	(0.00187)	(0.00701)	(0.00111)	(0.00146)	(0.00299)	(0.00098)	(0.00543)	(0.00132)	(0.00074)	(0.00061)	(0.00114)	(0.00687)	(0.00949)	(0.00756)	(0.00344)	(0.00556)	(0.00386)	(0.00498)	(0.00220)	(0.00570)	(0.00254)
y11	-0.01558***	-0.05707***	-0.00737***	-0.00765***	-0.01486***	-0.00643***	-0.03576***	-0.00785***	-0.00141**	-0.00278***	-0.00814***	-0.01592***	0.20534***	-0.03137***	0.00893***	0.02058***	-0.00589	-0.00561	0.01422***	0.00146	-0.01332***
	(0.00186)	(0.00714)	(0.00115)	(0.00150)	(0.00307)	(0.00099)	(0.00556)	(0.00131)	(0.00062)	(0.00062)	(0.00123)	(0.00685)	(0.00959)	(0.00764)	(0.00340)	(0.00569)	(0.00387)	(0.00508)	(0.00225)	(0.00580)	(0.00259)
y12	-0.01728***	-0.05088***	-0.00701***	-0.00978***	-0.01734***	-0.00685***	-0.03464***	-0.00719***	-0.00047	-0.00309***	-0.00888***	-0.0135	0.19438***	-0.03086***	0.00346	0.02896***	-0.00902**	-0.00556	0.00954***	0.0095	-0.01591***
	(0.00189)	(0.00714)	(0.00116)	(0.00143)	(0.00298)	(0.00099)	(0.00561)	(0.00130)	(0.00064)	(0.00060)	(0.00111)	(0.00687)	(0.00935)	(0.00782)	(0.00335)	(0.00552)	(0.00381)	(0.00515)	(0.00224)	(0.00582)	(0.00254)
Constant	0.16496***	0.18232	0.02674	0.14282***	0.37011***	0.00056	-0.12064	-0.03476	0.02413	0.07472***	0.02619	0.29543***	-0.37882	0.13698	0.05333	-0.41926***	-0.23953***	0.20339***	0.25016***	0.17082	-0.04082
	(0.05550)	(0.14039)	(0.02837)	(0.05734)	(0.08910)	(0.02251)	(0.08037)	(0.02659)	(0.01866)	(0.01738)	(0.01919)	(0.09596)	(0.26240)	(0.09636)	(0.10799)	(0.11868)	(0.05053)	(0.05768)	(0.08176)	(0.16871)	(0.04586)
Observations	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098	6,098
R-squared	0.14846	0.11318	0.06870	0.18737	0.22204	0.09685	0.17943	0.03510	0.08042	0.17943	0.06249	0.27051	0.26916	0.05917	0.15798	0.18186	0.11279	0.13505	0.08815	0.11089	0.08445

Standard errors in parentheses *** p<0.01, ** p<0.05, * p<0.1; Note: exptob – expenditure on tobacco; lnM – logarithm of total expenditure without tobacco; lnM2 – logarithm of total expenditure without tobacco squared; tob – dummy variable indicating smoking and non-smoking households (1-consumers, 0-non consumers); y2-y12 – year fixed effects

Table S4c. Estimation results: High-income group

VARIABLES	Cereals	Meat	Fish	Milk	Other dairy products	Oils and fats	Fruits and vegetables	Desserts	Ready-made food	Coffee and tea	Other non-alcoholic beverages	Clothes	Housing	Furniture	Health	Transportation	Communication	Recreation	Education	Bars and restaurants	Alcohol
exptob	-0.00004***	0.00015***	0.00001	0.00001	-0.00006***	-0.00001*	-0.00003	-0.00002**	-0.00001**	0.00000	0.00000	-0.00002	-0.00026***	-0.00003	0.00000	-0.00009	0.00002	0.00005	-0.00013**	0.00010***	0.00009***
	(0.00002)	(0.00005)	(0.00001)	(0.00001)	(0.00002)	(0.0000)	(0.00002)	(0.00001)	(0.00000)	(0.00001)	(0.00005)	(0.00008)	(0.00004)	(0.00007)	(0.00007)	(0.00002)	(0.00002)	(0.00004)	(0.00003)	(0.00002)	(0.00002)
lnM	0.00448	0.23605***	0.02927***	-0.01990	-0.02698	0.00632	0.09887***	0.00751	0.0099	-0.0559	0.00848	0.04651	-0.03490	0.13691***	-0.14374	-0.19823**	0.07768***	-0.04271	-0.17721***	-0.01707	0.05360***
	(0.01399)	(0.04598)	(0.00898)	(0.01700)	(0.02869)	(0.00563)	(0.01924)	(0.00793)	(0.00436)	(0.00363)	(0.00518)	(0.03914)	(0.08611)	(0.03791)	(0.08923)	(0.09787)	(0.01657)	(0.03266)	(0.05618)	(0.03349)	(0.01128)
lnM2	-0.00163	-0.01816***	-0.00214***	0.00095	0.00053	-0.00072*	-0.00840***	-0.00081	-0.00023	0.00019	-0.00073*	-0.00188	-0.00685	0.00793***	0.01272*	0.01876**	-0.00645***	0.00411	0.01429***	0.00256	-0.00379***
	(0.00104)	(0.00067)	(0.00122)	(0.00120)	(0.00206)	(0.00041)	(0.00142)	(0.00058)	(0.00032)	(0.00027)	(0.00035)	(0.00032)	(0.00263)	(0.00431)	(0.00757)	(0.00771)	(0.00122)	(0.00254)	(0.00441)	(0.00263)	(0.00082)
tob	-0.06268***	0.34756***	0.05227	-0.10426	-0.12516**	-0.03445*	-0.09150	-0.00828*	0.00256**	0.01229	0.00180	0.01250	-0.81899*	0.17035	-0.50686	0.21548	-0.03703	-0.02402	-0.28452***	-0.11603***	0.21048***
	(0.01371)	(0.04360)	(0.04183)	(0.06983)	(0.06542)	(0.01598)	(0.10598)	(0.00388)	(0.00119)	(0.01891)	(0.02808)	(0.18853)	(0.42032)	(0.17376)	(0.31773)	(0.08161)	(0.20804)	(0.05383)	(0.02804)	(0.02210)	(0.07013)
tob*lnM	0.01810	-0.08921	-0.01416	0.03101	-0.03455	0.00943	-0.02653	0.00132	-0.00025	0.00385	0.00091	0.00082	0.19556	-0.05060	0.15109	-0.05105	0.00947	0.00682	0.08949	0.04756	-0.05447***
	(0.02036)	(0.06572)	(0.01255)	(0.02039)	(0.03134)	(0.00788)	(0.03134)	(0.01143)	(0.00697)	(0.00553)	(0.00836)	(0.05716)	(0.12388)	(0.05282)	(0.09833)	(0.15479)	(0.02422)	(0.06378)	(0.08386)	(0.04290)	(0.02074)
tob*lnM2	-0.00130	0.00567	0.00093	-0.00228	0.00235	-0.00063	0.00191	0.00001	0.00000	-0.00028	-0.00008	-0.00048	-0.01121	0.00378	-0.01133	0.00304	-0.00063	-0.00045	-0.00699	-0.00449	0.00346**
	(0.00494)	(0.00094)	(0.00148)	(0.00276)	(0.00058)	(0.00231)	(0.00084)	(0.00051)	(0.00040)	(0.00062)	(0.00431)	(0.00908)	(0.00399)	(0.01191)	(0.00179)	(0.00485)	(0.00651)	(0.00327)	(0.00153)		
household size	0.00576***	0.01275***	0.00108***	0.00284***	0.00625***	0.00124***	0.00626***	0.00101***	0.00032**	0.00062***	0.00026	-0.00318**	-0.00967***	-0.00655***	-0.00350	-0.00701***	0.00160***	-0.00344***	0.01151***	-0.00884***	0.00049
	(0.00040)	(0.00144)	(0.00028)	(0.00028)	(0.00053)	(0.00014)	(0.00058)	(0.00023)	(0.00014)	(0.00010)	(0.00018)	(0.00148)	(0.00232)	(0.00118)	(0.00263)	(0.00264)	(0.00054)	(0.00106)	(0.00188)	(0.00103)	(0.00041)
mean age	-0.00010***	0.00049***	0.00008***	0.0003	0.00017***	0.00006***	0.00025***	-0.00005*	-0.00003**	0.0001	-0.00006***	-0.00119***	0.00083***	0.00047***	0.00080***	-0.00029**	-0.00009***	-0.00040***	-0.00039***	-0.00041***	0.00016***
	(0.00003)	(0.00012)	(0.00002)	(0.00003)	(0.00005)	(0.00001)	(0.00005)	(0.00002)	(0.00001)	(0.00001)	(0.00002)	(0.00011)	(0.00023)	(0.00013)	(0.00012)	(0.00014)	(0.00004)	(0.00007)	(0.00010)	(0.00010)	(0.00004)
max education	-0.00126***	-0.00536***	0.0010	-0.00109***	-0.00170***	-0.00019**	-0.00067*	-0.00012	-0.00020***	-0.00011**	-0.00031***	0.00203***	0.00687***	-0.00152***	-0.00189***	0.00116**	0.00172***	0.00257***	-0.00090***	0.00115***	-0.00067***
	(0.00016)	(0.00062)	(0.00014)	(0.00015)	(0.00032)	(0.00007)	(0.00027)	(0.00010)	(0.00005)	(0.00004)	(0.00008)	(0.00039)	(0.00116)	(0.00046)	(0.00058)	(0.00057)	(0.00020)	(0.00031)	(0.00040)	(0.00029)	(0.00020)
economic activity - employed	-0.00363	0.00516	-0.00091	-0.00159	-0.00032	0.00009	-0.00106	0.00013	0.00054	-0.00040	0.00006	-0.01546***	0.01213	0.00847	0.01313*	-0.01146	-0.00553*	-0.00334	0.00831	-0.01421***	0.00451
	(0.00239)	(0.00883)	(0.00114)	(0.00113)	(0.00465)	(0.00101)	(0.00417)	(0.00124)	(0.00109)	(0.00071)	(0.00096)	(0.00595)	(0.02000)	(0.00889)	(0.00795)	(0.00818)	(0.00304)	(0.00351)	(0.00576)	(0.00337)	(0.00364)
economic activity - pensioner	0.00122	-0.00294	0.00039	0.00169**	-0.00059	0.00019	0.00238*	0.00126**	-0.00024	0.00072**	-0.00049	-0.01172***	0.04264***	-0.00230	0.00949***	-0.02736***	-0.00398***	0.00213	0.01079***	-0.01780***	-0.00384***
	(0.00090)	(0.00317)	(0.00076)	(0.00067)	(0.00169)	(0.00035)	(0.00141)	(0.00054)	(0.00031)	(0.00028)	(0.00040)	(0.00227)	(0.00583)	(0.00245)	(0.00275)	(0.00341)	(0.00122)	(0.00153)	(0.00215)	(0.00174)	(0.00096)
region - south	-0.00127***	-0.01150***	0.00073***	-0.00167***	-0.00498***	0.00078***	-0.00256***	-0.00037***	-0.00041***	-0.00020***	-0.00035***	0.00456***	0.01783***	-0.00129**	0.00475***	-0.00067	0.0032	-0.00016	-0.00023	0.00054	-0.00147***
	(0.00020)	(0.00057)	(0.00017)	(0.00018)	(0.00029)	(0.00010)	(0.00028)	(0.00012)	(0.00007)	(0.00005)	(0.00009)	(0.00052)	(0.00128)	(0.00055)	(0.00074)	(0.00080)	(0.00026)	(0.00039)	(0.00055)	(0.00038)	(0.00019)
region - north	-0.00216***	0.00535***	-0.00255***	0.00218***	0.00293***	0.00060***	-0.00070	-0.00066***	0.00000	0.00024*	-0.00128***	0.00895***	-0.00981***	-0.00000	-0.00381***	-0.00155	-0.00245***	-0.00356***	0.00296**	0.00125	0.00030
	(0.00046)	(0.00196)	(0.00024)	(0.00046)	(0.00087)	(0.00018)	(0.00084)	(0.00030)	(0.00017)	(0.00013)	(0.00019)	(0.00121)	(0.00312)	(0.00102)	(0.00126)	(0.00148)	(0.00066)	(0.00070)	(0.00116)	(0.00088)	(0.00054)
number of children (age 0-2)	-0.00146	0.00007	-0.00315***	0.00133	-0.00397***	-0.00050	-0.00203	0.00030	0.00650***	-0.00010	0.00125	-0.00855	0.02243***	0.02098***	0.00948	-0.01951***	-0.00288	-0.00597	-0.03361***	-0.00699**	-0.00114
	(0.00163)	(0.00548)	(0.00093)	(0.00093)	(0.00148)	(0.00045)	(0.00193)	(0.00078)	(0.00131)	(0.00039)	(0.00093)	(0.00529)	(0.00830)	(0.00533)	(0.00807)	(0.00715)	(0.00188)	(0.00425)	(0.00389)	(0.00289)	(0.00141)
number of children (age 3-6)	0.00169	0.00619	0.00120	0.00054	0.00004	0.00009	0.00264	0.00304***	-0.00005	0.00041	0.00171*	-0.00557	0.00390	0.01501***	0.01376***	-0.00863	-0.00592***	-0.00135	-0.02801***	-0.00996***	0.00104
	(0.00130)	(0.00459)	(0.00155)	(0.00063)	(0.00151)	(0.00042)	(0.00184)	(0.00080)	(0.00046)	(0.00044)	(0.00093)	(0.00426)	(0.00492)	(0.00623)	(0.00153)	(0.00306)	(0.00363)	(0.00242)	(0.00126)		
number of elderly 65+	0.00078	-0.00134	0.00002	0.00110	0.00187*	0.00005	-0.00030	0.00077**	0.00011	0.00015	0.00036	0.00413**	-0.00355	-0.00418**	0.00406*	-0.00066	-0.00048	0.00036	-0.00533***	0.00017	-0.00052
	(0.00060)	(0.00211)	(0.00046)	(0.00079)	(0.00106)	(0.00025)	(0.00098)	(0.00038)	(0.00020)	(0.00020)	(0.00029)	(0.00173)	(0.00402)	(0.00173)	(0.00229)	(0.00270)	(0.00082)	(0.00116)	(0.00150)	(0.00118)	(0.00067)
y2	-0.00807*	-0.02483**	-0.00165	0.00303*	-0.00937***	0.0003	-0.01439***	-0.00304	-0.00245***	-0.00142	-0.00622***	-0.03298***	0.20122***	-0.02886*	-0.00143	0.01574	0.00439	-0.03402***	0.01187**	-0.02598	-0.01000
	(0.00440)	(0.01099)	(0.00261)	(0.00169)	(0.00384)	(0.00133)	(0.00630)	(0.00189)	(0.00121)	(0.00088)	(0.00211)	(0.01678)	(0.02696)	(0.01571)	(0.01540)	(0.01785)	(0.00709)	(0.01667)	(0.00486)	(0.02303)	(0.00677)
y3	-0.00911**	-0.01996***	-0.00397*	-0.00082	-0.01141***	-0.0009	-0.01544**	-0.00563***	-0.00272**	-0.00043	-0.00565***	-0.04748***	0.21248***	-0.03371**		0.01398	0.00388	-0.02721***	0.01379***	-0.02033	-0.00797
	(0.00422)	(0.01159)	(0.00227)	(0.00150)	(0.00376)	(0.00128)	(0.00614)	(0.00183)	(0.00116)	(0.00089)	(0.00207)	(0.01588)	(0.02614)	(0.01586)	(0.01508)	(0.01674)	(0.00666)	(0.01661)	(0.00476)	(0.02297)	(0.00686)
y4	-0.00673	-0.03535***	-0.00297	0.00400	-0.00672*	0.00113	-0.01511***	-0.00609***	-0.00280**	-0.00132	-0.00619***	-0.05373***	0.22283***	-0.02986*	-0.00968	0.01649	-0.00263	-0.02894***	0.01705***	-0.02064	-0.01166*
	(0.00429)	(0.01066)	(0.00232)	(0.00145)	(0.00367)	(0.00126)	(0.00604)	(0.00178)	(0.00115)	(0.00086)	(0.00206)	(0.01596)	(0.02608)	(0.01576)	(0.01483)	(0.01646)	(0.00658)	(0.01665)	(0.00488)	(0.02296)	(0.00683)
y5	-0.00870**	-0.03523***	-0.00463**	-0.00069	-0.00502	-0.0001	-0.01600***	-0.00532***	-0.00269**	-0.00163*	-0.00624***	-0.05071***	0.21263***	-0.02709*	-0.00142	0.01524	-0.00419	-0.02974**	0.02110***	-0.01817	-0.01164*
	(0.00427)	(0.01064)	(0.00217)	(0.00146)	(0.00387)	(0.00125)	(0.00607)	(0.00178)	(0.00118)	(0.00087)	(0.00206)	(0.01591)	(0.02661)	(0.01583)	(0.01473)	(0.01672)	(0.00662)	(0.01666)	(0.00501)	(0.02300)	(0.00677)
y6	-0.00688	-0.02874***	-0.00393*	0.00003	-0.00689*	-0.00155	-0.01584***	-0.00509***	-0.00265**	-0.00116	-0.00519***	-0.04394***	0.22166***	-0.03448**	0.00139	0.00833	-0.00219	-0.03054*	0.01780***	-0.02228	-0.01216**
	(0.00426)	(0.01072)	(0.00227)	(0.00144)	(0.00357)	(0.00122)	(0.00607)	(0.00179)	(0.00114)	(0.00087)	(0.00208)	(0.01595)	(0.02600)	(0.01554)	(0.01496)	(0.01654)	(0.00663)	(0.01663)	(0.00478)	(0.02297)	(0.00677)
y7	-0.00543	-0.03298***	-0.00552**	-0.00138	-0.00851**	0.00054	-0.01903***	-0.00499***	-0.00300***	-0.00113	-0.00692***	-0.04061**	0.19364***	-0.02574	0.00440	0.02475	0.00204	-0.03038*	0.02015***	-0.02108	-0.01224*
	(0.00425)	(0.01070)	(0.00220)	(0.00140)	(0.00369)	(0.00124)	(0.00605)	(0.00176)	(0.00114)	(0.00084)	(0.00206)	(0.01599)	(0.02618)	(0.01583)	(0.01496)	(0.01648)	(0.00653)	(0.01662)	(0.00525)	(0.02288)	(0.00679)
y8	-0.00700	-0.03417***	-0.00487**	0.00280	-0.00667	-0.0013	-0.02202***	-0.00553***	-0.00288**	-0.0012	-0.00601***	-0.03820*	0.17170***	-0.03070**	0.01155	0.03380**	-0.00371	-0.02804***	0.02095***	-0.01924	-0.01196**
	(0.00426)	(0.01099)	(0.00220)	(0.00259)	(0.00412)	(0.00128)	(0.00607)	(0.00179)	(0.00118)	(0.00087)	(0.00208)	(0.01595)	(0.02580)	(0.01559)	(0.01533)	(0.01633)	(0.00662)	(0.01673)	(0.00486)	(0.02285)	(0.00675)
y9	-0.00760	-0.04978***	-0.00592***	-0.0009	-0.01450***	-0.00159	-0.02463***	-0.00732***	-0.00304***	-0.00027	-0.00797***	-0.02937*	0.19989***	-0.03368**	0.00942	0.03229**	-0.00338	-0.02875***	0.02816***	-0.01901	-0.01537**
	(0.00426)	(0.01057)	(0.00216)	(0.00167)	(0.00368)	(0.00123)	(0.00597)	(0.00177)	(0.00116)	(0.00087)	(0.00206)	(0.01585)	(0.02599)	(0.01561)	(0.01513)	(0.01625)	(0.00673)	(0.01659)	(0.00567)	(0.02286)	(0.00671)
y10	-0.01150***	-0.05627***	-0.00458***	-0.00330**	-0.01475***	-0.00192	-0.02428***	-0.00579***	-0.00278**	-0.00073	-0.00768***	-0.02912*	0.20150***	-0.03684**	0.01125	0.03276***	-0.00014	-0.02120	0.01681***	-0.01206	-0.01524**
	(0.00420)	(0.01078)	(0.00232)	(0.00158)	(0.00368)	(0.00122)	(0.00594)	(0.00175)	(0.00118)	(0.00086)	(0.00205)	(0.01606)	(0.02591)	(0.01570)	(0.01537)	(0.01629)	(0.00661)	(0.01683)	(0.00461)	(0.02297)	(0.00690)
y11	-0.01112***	-0.04925***	-0.00455**	-0.00560***	-0.01078***	-0.00209	-0.02033***	-0.00570***	-0.00225**	-0.0096	-0.00847***	-0.02649*	0.18302***	-0.03505**	0.00120	0.03075**	0.00455	-0.02149	0.02055***	-0.01494	-0.01425**
	(0.00421)	(0.01061)	(0.00217)	(0.00141)	(0.00353)	(0.00123)	(0.00596)	(0.00178)	(0.00117)	(0.00087)	(0.00204)	(0.01599)	(0.02580)	(0.01562)	(0.01505)	(0.01626)	(0.00667)	(0.01673)	(0.00483)	(0.02293)	(0.00698)
y12	-0.01269***	-0.04238***	-0.00380*	0.00140	-0.01030***	-0.00169	-0.01926***	-0.00516***	-0.00050	-0.00111	-0.00853***	-0.02410	0.15988***	-0.03283**	0.00824	0.04198***	0.00633	-0.02397	0.01970***	-0.00641	-0.01504***
	(0.00418)	(0.01046)	(0.00217)	(0.00140)	(0.00348)	(0.00122)	(0.00596)	(0.00172)	(0.00117)	(0.00084)	(0.00205)	(0.01589)	(0.02555)	(0.01552)	(0.01492)	(0.01609)	(0.00659)	(0.01669)	(0.00456)	(0.02288)	(0.00695)
Constant	0.08946*	-0.66211***	-0.09258***	0.10256*	0.19767***	-0.00622	-0.23873***	0.00460	0.01416	0.03439***	-0.00327	-0.07184	0.59633**	-0.48297***	0.39363	0.57293*	-0.19169***	0.16938	0.53888***	0.08214	-0.16783***
	(0.04652)	(0.15550)	(0.03010)	(0.05915)	(0.09978)	(0.01913)	(0.06506)	(0.02705)	(0.01488)	(0.01246)	(0.01714)	(0.12707)	(0.29483)	(0.12830)	(0.28772)	(0.31083)	(0.05684)	(0.10442)	(0.17803)	(0.11070)	(0.03760)
Observations	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195	4,195
R-squared	0.14605	0.16541	0.04875	0.02068	0.20068	0.08280	0.09854	0.02938	0.09127	0.12263	0.06028	0.32953	0.42339	0.05940	0.12794	0.21731	0.08674	0.14154	0.15291	0.18884	0.08252

Standard errors in parentheses *** p<0.01, ** p<0.05, * p<0.1; Note: exptob – expenditure on tobacco; lnM – logarithm of total expenditure without tobacco; lnM2 – logarithm of total expenditure without tobacco squared; tob – dummy variable indicating smoking and non-smoking households (1-consumers, 0-non consumers); y2-y12 – year fixed effects