

## Annex 2: Demand System Results: Rounds 43 and 45-54

Round 43

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.05648047	.05940952	.00402731	-.0445198	.03756345
	.00068121	.00081184	.00036008	.00029265	.0005793
lnhsize	.03575734	-.00480547	-.00249018	-.02072793	-.00773376
	.00073282	.00087335	.00038736	.00031482	.00062319
lnXclothing	-.00485998	-.00257369	-.00083992	.00046812	.00780547
	.00040643	.00048437	.00021483	.0001746	.00034562
lnXfootwear	.00015881	-.0049187	-.00024436	.00072184	.00428241
	.00055734	.00066422	.0002946	.00023944	.00047396
lnXdurables	.00022528	-.00852338	-.00117431	.00219215	.00728026
	.002895	.00345017	.00153025	.0012437	.00246191
lnXmededu	-.00557721	-.00118991	-.00173941	.00167857	.00682796
	.00027638	.00032938	.00014609	.00011873	.00023503
dum_Xcloth~g	-.02840421	-.0188142	-.0069151	.00542579	.04870773
	.00316581	.00377291	.0016734	.00136004	.00269221
dum_Xfootw~r	.00846848	-.03436603	-.00171949	.005047	.02257004
	.00368449	.00439105	.00194757	.00158287	.00313329
dum_Xdurab~s	.0130512	-.08134231	-.01511061	.0257756	.05762611
	.02959237	.0352672	.01564208	.01271298	.02516535
dum_Xmededu	-.02615671	-.01286959	-.00559574	.01002068	.03460136
	.00188148	.00224228	.00099452	.00080829	.00160001
age0_4m	-.01103365	.01205491	-.0001076	-.00422746	.0033138
	.00058908	.00070205	.00031138	.00025307	.00050096
age5_9m	-.00017675	.00388261	-.00047773	-.00330216	.00007403
	.00056567	.00067415	.00029901	.00024302	.00048105
age10_14m	.00130851	.00515816	-.00210095	-.00395195	-.00041377
	.00058613	.00069853	.00030982	.0002518	.00049844
age15_54m	-.00289111	-.01932543	.01639244	-.00880723	.01463132
	.00083551	.00099573	.00044164	.00035894	.00071052
age0_4f	-.01096671	.01171501	-.00027874	-.00399419	.00352463
	.00060145	.00071679	.00031792	.00025838	.00051147
age5_9f	-.00083486	.00314459	.00019691	-.0030773	.00057066
	.00058065	.000692	.00030692	.00024945	.00049379
age10_14f	.00221055	.00176474	-.00153707	-.00271677	.00027855
	.00060351	.00071924	.000319	.00025927	.00051322
age15_54f	.0149883	-.02366112	-.00445931	.01085603	.00227611
	.00098279	.00117126	.00051949	.00042221	.00083577
wifedu2	-.00680844	.00456882	-.00216852	.00302009	.00138806
	.0011171	.00133132	.00059048	.00047991	.00094998
wifedu3	-.00634174	.00373462	-.00361081	.00417461	.00204332
	.00101856	.00121389	.0005384	.00043758	.00086618
wifedu4	-.00920717	.00457787	-.00351785	.00493552	.00321163
	.00127125	.00151504	.00067196	.00054613	.00108107
wifedu5	-.01182439	-.00469258	-.00365361	.00791378	.01225681
	.00145473	.0017337	.00076895	.00062496	.00123711
wifedu6	-.01104723	.0035849	-.00707224	.00129665	.01323792
	.00805878	.00960419	.00425975	.00346208	.00685319
wifedu7	-.0098218	-.02946904	-.00417733	.01096899	.03249918
	.00222994	.00265757	.00117871	.00095799	.00189634
husbedu2	-.00490343	.00705462	-.00004502	-.00126508	-.00084108
	.00088843	.0010588	.00046961	.00038167	.00075552
husbedu3	-.00964663	.01142354	-.00172639	-.00068101	.00063049
	.00081842	.00097536	.0004326	.00035159	.00069598

husbedu4	-.01605619	.01693957	-.00453804	-.00087291	.00452757
	.00096386	.0011487	.00050948	.00041408	.00081967
husbedu5	-.02424974	.01833024	-.00716727	-.00061362	.01370039
	.00103012	.00122766	.0005445	.00044254	.00087601
husbedu6	-.02629375	.00639253	-.00557949	-.00308329	.028564
	.00497492	.00592894	.00262967	.00213724	.00423067
husbedu7	-.03022028	.00774031	-.00849197	.00050522	.03046671
	.00153124	.00182488	.00080939	.00065783	.00130217
urban	0	0	0	0	0
	0	0	0	0	0
_cons	.79977701	.07331108	.03145932	.51509529	-.41964269
	.0304803	.03632539	.01611142	.01309444	.02592044
rho	.69084163	.51339731	.34168521	.51405463	.39901457
N	127174	127174	127174	127174	127174
N_g	12836	12836	12836	12836	12836
df_m	12865	12865	12865	12865	12865
g_min	1	1	1	1	1
g_max	10	10	10	10	10
r2	.22613437	.0875932	.02766166	.23348024	.15468861
F	1113.4132	365.79457	108.39673	1160.5989	697.26358

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 legend: b/se

-----  
 Model e0cereals (cereals)

-----  
 F( 8,114308) = 169.28  
 Prob > F = 0.0000

-----  
 Model e0otherfood (otherfood)

-----  
 F( 8,114308) = 22.36  
 Prob > F = 0.0000

-----  
 Model e0intoxicants (intoxicants)

-----  
 F( 8,114308) = 56.97  
 Prob > F = 0.0000

-----  
 Model e0fuel (fuel)

-----  
 F( 8,114308) = 35.68  
 Prob > F = 0.0000

misc

-----  
 F( 8,114308) = 352.04  
 Prob > F = 0.0000  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	.14145291 .00302133				
lnhsize	-.00233438 .00485018	-.01117724 .00431139	.78034507 .02228519	.15359771 .0047127	.00758768 .00075886
lnXclothing	.03685687 .00213957	.02344582 .00211076	.04935505 .01205604	.02036206 .00243429	.00050311 .00040528
lnXfootwear	.0248875 .0029714	.02446495 .00290867	.0521665 .01725583	.03028135 .00336717	.00035987 .00055643
lnXdurables	.00675447 .01517654	.00411094 .01514251	-.09204655 .0825944	-.00678127 .01740409	-.00245905 .00288369
lnXmededu	.03902486 .00144047	.03018053 .00142323	.00811237 .00831999	.03441675 .00164187	.00078711 .00027531
dum_Xcloth~g	.22720735 .01668165	.13095938 .01648166	.15614069 .09283752	.1513177 .01900286	.00295944 .00315469
dum_Xfootw~r	.10302462 .01961174	.13032194 .01924846	.22735661 .11254505	.19130409 .02225637	.00105211 .00367701
dum_Xdurab~s	.08526919 .15507878	.06367659 .15478631	-1.1814118 .83877625	-.03988343 .17789976	-.03781636 .02950492
dum_Xmededu	.15809278 .00987874	.12668774 .00976792	.02575524 .05644625	.17724906 .01127253	.00266931 .00187384
age0_4m	-.00578738 .00311409	-.00294033 .00308026	-.12616416 .01746857	-.04369556 .00354025	-.00171168 .00058622
age5_9m	-.01236153 .00298034	-.02415395 .00295669	-.11326444 .01680265	-.03909966 .00340211	-.00128206 .00056405
age10_14m	-.02467453 .00310204	-.05670546 .00306777	-.12674228 .01756208	-.03996399 .0035424	-.00169058 .00058504
age15_54m	-.0255521 .00450715	-.07055474 .00436208	.08558642 .02833506	-.08741666 .00507136	.00133283 .00083813
age0_4f	-.0033949 .00318119	-.00222143 .00314497	-.12124724 .0177897	-.04050204 .00361498	-.00122124 .00059866
age5_9f	-.01571822 .00305827	-.01884352 .00303499	-.11161891 .01718762	-.03235837 .00349057	-.00114992 .00057885
age10_14f	-.01865277 .00318164	-.03662471 .0031577	-.11995281 .01803081	-.03313325 .0036374	.00008616 .00060205
age15_54f	.00266301 .00531492	.20554027 .00512673	-.37261738 .03131395	.08691386 .00596068	-.00287042 .00098096
wifedu2	.05252279 .00586786	.04305192 .00584431	-.18791547 .03348002	.0457426 .00672486	.00045809 .00111363
wifedu3	.07512697 .00536052	.05901879 .00532906	-.1774267 .03148183	.08201663 .00613467	-.00004833 .00101472
wifedu4	.101557 .00669863	.09908354 .00665227	-.19544905 .0402697	.12852994 .00766024	.0013963 .00126585
wifedu5	.15845147 .00768376	.14327564 .00760876	-.22797528 .04964395	.28094741 .00877152	.00122636 .0014485
wifedu6	.14402505 .04249529	.08795764 .0421528	-.24614493 .29446275	.28136558 .04853886	.00850653 .0080453
wifedu7	.23430658 .01177693	.19634655 .01165192	-.10441695 .07902202	.36695583 .0134376	.00316361 .00221893
husbedu2	.03531809 .00469572	.02971366 .00464652	-.04138412 .02570107	-.0161385 .0053519	-.00045099 .00088518
husbedu3	.04819862 .00432344	.05270975 .00427473	-.07954867 .02417297	-.01741357 .00492646	.00055257 .00081518
husbedu4	.09197258 .00507957	.0745022 .00502562	-.12500164 .02894306	.00148408 .00578645	.00154651 .00096065
husbedu5	.15524824 .00542176	.12429852 .00534216	-.13397228 .03255096	.08373817 .00615188	.0019844 .00102685

husbedu6	.16082061	.1481567	.01745939	.10631238	.00161599
	.02648683	.02600426	.16380106	.03008979	.00494889
husbedu7	.2084911	.17609899	-.14607593	.18430853	.00285195
	.00808045	.00794392	.05110459	.00915665	.00152625
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		.51643999			
		.00274006			
lnQintox			-.29744728		
			.00412004		
lnQfuel				.02705413	
				.00266262	
lnQmisc					-.0053216
					.00037975
_cons	.0658264	-2.0157257	3.0776122	.38543528	.0792953
	.15819262	.15881679	.85084148	.18093244	.02990433
rho	.58806236	.45267639	.40103874	.40354192	.52262439
N	122824	127094	97218	125793	125999
N_g	12825	12836	12764	12832	12783
df_m	12854	12865	12793	12861	12812
g_min	1	1	1	1	1
g_max	10	10	10	10	10
r2	.13547258	.45865687	.07093581	.08951868	.00235002
F	574.40953	3226.0165	214.86439	370.11318	8.8871959

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 legend: b/se

cereals

-----  
 Model elcereals (cereals)

-----  
 F( 8,109969) = 416.26  
 Prob > F = 0.0000

othfood

-----  
 Model elothfood (othfood)

-----  
 F( 8,114228) = 226.69  
 Prob > F = 0.0000

-----  
 Model elintox (intox)

-----  
 F( 8, 84424) = 33.59  
 Prob > F = 0.0000

-----  
 Model elfuel (fuel)

-----  
 F( 8,112931) = 111.15  
 Prob > F = 0.0000

misc

-----  
 F( 8,113186) = 5.39  
 Prob > F = 0.0000  
 -----

eQwrtYm[1,5]: Income Elasticity,means

	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:
	cereals	othfood	intox	fuel	misc
Rnd43:r1	.5761753	.75297931	1.7198126	.34023468	1.5018256

eQwrtYp50[1,5]: Income Elasticity,medians

	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:
	cereals	othfood	intox	fuel	misc
Rnd43:r1	.67144173	.7416991	1.5736455	.49274665	1.3683882

eQwrtYsd[1,5]: Income Elasticity,sd

	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:
	cereals	othfood	intox	fuel	misc
Rnd43:r1	.4909449	.12271934	.660493	1.7978766	.65826653

eQwrtZm[8,5]: Conditioning Variables Elasticity,means

	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:
	cereals	othfood	intox	fuel	misc
Round43:lnXclothing	-.0064501	-.0072374	-.03001307	-.0056604	.01590815
Round43:lnXfootwear	-.00098847	-.00321308	.00767648	.00852187	.01763427
Round43:lnXdurables	-.00015423	-.00004785	-.00031896	-.00002002	.00016412
Round43:lnXmededu	-.24000167	-.07602213	-.51848632	-.04642862	.37993723
Round43:dum_Xclothing	-.03187	-.09758332	-.30255245	-.08091982	.21305017
Round43:dum_Xfootwear	-.00627747	-.13587125	.47126185	.31353511	.65577248
Round43:dum_Xdurables	-.27671121	-.10357869	-.44750975	-.02994861	.45380574
Round43:dum_Xmededu	-.01560369	.00762746	.05886053	-.00560522	.01829078

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians

	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:
	cereals	othfood	intox	fuel	misc
Round43:lnXclothing	0	0	0	0	0
Round43:lnXfootwear	0	0	0	0	0
Round43:lnXdurables	0	0	0	0	0
Round43:lnXmededu	-.27178894	-.10785309	-.37770104	-.06521871	.2718648
Round43:dum_Xclothing	-.0438501	-.12661458	-.35995877	-.11824211	.1540232
Round43:dum_Xfootwear	-.01708099	-.14560232	.90396941	.27103642	.50040096
Round43:dum_Xdurables	-.23303999	-.10134879	-.24494376	-.06423025	.33141628
Round43:dum_Xmededu	0	0	0	0	0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd

	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:
	cereals	othfood	intox	fuel	misc
Round43:lnXclothing	.00969553	.01120494	.05139735	.01994	.04315126
Round43:lnXfootwear	.00206611	.00684316	.11099834	.04802815	.05316114
Round43:lnXdurables	.00369667	.00101661	.01454371	.00094223	.0068854
Round43:lnXmededu	.27153416	.05506649	1.0834835	.18138118	.54588197
Round43:dum_Xclothing	.06102591	.0944489	.29383506	.168898	.3746273
Round43:dum_Xfootwear	.10161684	.18005174	2.0465594	.90983794	1.013167
Round43:dum_Xdurables	.22759008	.02702758	.91702927	.40464369	.60597784
Round43:dum_Xmededu	.05207305	.02606269	.08244444	.09933187	.05422288

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	1.9e+05	5	.1284323	0.0221	1770.78	0.0000
eothfood	1.9e+05	5	.1088333	0.0141	1762.50	0.0000
eintox	1.9e+05	5	.0394696	0.0372	608.73	0.0000
emisc	1.9e+05	5	.063331	0.0454	4349.09	0.0000
efuel	1.9e+05	5	.0378864	0.0251	6982.45	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	-.0283577	.0011864	-23.90	0.000	-.0306831	-.0260324
ZZothfood	-.0243393	.0017168	-14.18	0.000	-.0277041	-.0209745
ZZintox	-.0027623	.0003616	-7.64	0.000	-.0034711	-.0020536
ZZfuel	-.0267124	.0018723	-14.27	0.000	-.030382	-.0230428
ZZmisc	-.0329407	.0094459	-3.49	0.000	-.0514544	-.014427
_cons	.0117624	.0002978	39.50	0.000	.0111786	.0123461
eothfood						
ZZcereals	.0269197	.0010054	26.78	0.000	.0249492	.0288902
ZZothfood	.0227939	.0014548	15.67	0.000	.0199426	.0256452
ZZintox	.0020207	.0003064	6.59	0.000	.0014202	.0026213
ZZfuel	.0099771	.0015866	6.29	0.000	.0068675	.0130867
ZZmisc	.0359541	.0080045	4.49	0.000	.0202656	.0516426
_cons	-.0122975	.0002524	-48.73	0.000	-.0127922	-.0118029
eintox						
ZZcereals	-.0057673	.0003646	-15.82	0.000	-.006482	-.0050527
ZZothfood	.00715	.0005276	13.55	0.000	.0061159	.0081841
ZZintox	.0014375	.0001111	12.94	0.000	.0012197	.0016553
ZZfuel	-.0051419	.0005754	-8.94	0.000	-.0062697	-.0040142
ZZmisc	-.0034687	.0029029	-1.19	0.232	-.0091583	.0022209
_cons	.0068067	.0000915	74.37	0.000	.0066273	.006986
emisc						
ZZcereals	.0222605	.000585	38.05	0.000	.0211139	.0234072
ZZothfood	.0163192	.0008465	19.28	0.000	.01466	.0179784
ZZintox	.0012642	.0001783	7.09	0.000	.0009147	.0016137
ZZfuel	.0246564	.0009232	26.71	0.000	.0228469	.0264659
ZZmisc	.0067574	.0046579	1.45	0.147	-.0023719	.0158866
_cons	-.0060132	.0001469	-40.95	0.000	-.006301	-.0057254
efuel						
ZZcereals	-.0150552	.00035	-43.02	0.000	-.0157411	-.0143692
ZZothfood	-.0219238	.0005064	-43.29	0.000	-.0229164	-.0209312
ZZintox	-.0019601	.0001067	-18.38	0.000	-.0021692	-.0017511
ZZfuel	-.0027792	.0005523	-5.03	0.000	-.0038617	-.0016967
ZZmisc	-.0063021	.0027865	-2.26	0.024	-.0117635	-.0008407
_cons	-.0002583	.0000879	-2.94	0.003	-.0004305	-.0000861

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

Symmetry

chi2( 10) = 1407.63  
 Prob > chi2 = 0.0000

Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	-.0395127	.0011118	-35.54	0.000	-.0416918	-.0373335
ZZothfood	.0141749	.0008594	16.49	0.000	.0124905	.0158593
ZZintox	-.0044277	.0002477	-17.87	0.000	-.0049132	-.0039422
ZZfuel	-.0163036	.0003411	-47.80	0.000	-.0169721	-.0156351
ZZmisc	.0221628	.0005833	37.99	0.000	.0210195	.0233061
_cons	.011148	.0002966	37.58	0.000	.0105666	.0117294
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eothfood						
ZZcereals	.0141749	.0008594	16.49	0.000	.0124905	.0158593
ZZothfood	.0350299	.0013973	25.07	0.000	.0322911	.0377686
ZZintox	.002978	.0002607	11.42	0.000	.002467	.003489
ZZfuel	-.0184058	.0004811	-38.26	0.000	-.0193488	-.0174628
ZZmisc	.0170984	.00084	20.36	0.000	.015452	.0187448
_cons	-.0125901	.0002521	-49.93	0.000	-.0130843	-.0120959
-----						
eintox						
ZZcereals	-.0044277	.0002477	-17.87	0.000	-.0049132	-.0039422
ZZothfood	.002978	.0002607	11.42	0.000	.002467	.003489
ZZintox	.0015307	.0001103	13.87	0.000	.0013145	.001747
ZZfuel	-.0021325	.0001047	-20.36	0.000	-.0023378	-.0019272
ZZmisc	.0012538	.000178	7.05	0.000	.000905	.0016026
_cons	.0068844	.0000912	75.52	0.000	.0067057	.0070631
-----						
emisc						
ZZcereals	.0221628	.0005833	37.99	0.000	.0210195	.0233061
ZZothfood	.0170984	.00084	20.36	0.000	.015452	.0187448
ZZintox	.0012538	.000178	7.05	0.000	.000905	.0016026
ZZfuel	.0215887	.0008762	24.64	0.000	.0198714	.023306
ZZmisc	.0064874	.0046578	1.39	0.164	-.0026417	.0156165
_cons	-.0060356	.0001468	-41.10	0.000	-.0063234	-.0057478
-----						
efuel						
ZZcereals	-.0163036	.0003411	-47.80	0.000	-.0169721	-.0156351
ZZothfood	-.0184058	.0004811	-38.26	0.000	-.0193488	-.0174628
ZZintox	-.0021325	.0001047	-20.36	0.000	-.0023378	-.0019272
ZZfuel	-.0032806	.0005512	-5.95	0.000	-.0043609	-.0022002
ZZmisc	.0215887	.0008762	24.64	0.000	.0198714	.023306
_cons	-.0003229	.0000878	-3.68	0.000	-.000495	-.0001508

ePPm[5,5]: Price Elasticity,means

	eQwrtZm: cereals	eQwrtZm: othfood	eQwrtZm: intox	eQwrtZm: fuel	eQwrtZm: misc
eQwrtZm:cereals	-1.0364003	-.0064265	-.40831321	-.08792151	.12950439
eQwrtZm:othfood	.23221724	-.64346178	.07992041	.0615107	.00422943
eQwrtZm:intox	-.01066287	.00069521	-1.3164429	-.00315445	-.00506878
eQwrtZm:fuel	-.05668302	-.03862423	-.18482789	-.97698685	.23344783
eQwrtZm:misc	.16841579	.01494109	.05113739	.40262095	-.95737061

ePPp50[5,5]: Price Elasticity,medians

	eQwrtZp50: cereals	eQwrtZp50: othfood	eQwrtZp50: intox	eQwrtZp50: fuel	eQwrtZp50: misc
eQwrtZp50:cereals	-.96975374	.0003232	-.20667905	-.05495096	.1047802
eQwrtZp50:othfood	.15098406	-.65011299	.0376105	.02703063	-.00567258
eQwrtZp50:intox	-.00841839	.00197235	-1.3719993	-.00915129	.00212928
eQwrtZp50:fuel	-.03817444	-.03346571	-.09414432	-.96574861	.17056777
eQwrtZp50:misc	.10413459	.01373411	.02769719	.28884992	-.98041594

ePPsd[5,5]: Price Elasticity,sd

	eQwrtZsd: cereals	eQwrtZsd: othfood	eQwrtZsd: intox	eQwrtZsd: fuel	eQwrtZsd: misc
eQwrtZsd:cereals	.34345493	.03906936	.90733175	.6533056	.20770217
eQwrtZsd:othfood	.40149628	.07235933	.23736999	.61185464	.16843498
eQwrtZsd:intox	.0480414	.00930376	.25104486	.11771676	.05299327
eQwrtZsd:fuel	.10437509	.0593033	.40109012	.13248075	.30469095
eQwrtZsd:misc	.38930617	.05438639	.16147955	1.3653521	.11368579

---



Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.07345693	.05988197	.00366038	-.03388673	.04380131
lnhsize	.0014139	.00176144	.00075396	.00063687	.00127537
lnXclothing	.03496841	-.00841729	-.00418732	-.00955545	-.01280835
lnXfootwear	.00158279	.00197185	.00084402	.00071295	.00142772
lnXdurables	-.00495715	-.00331528	-.00155636	-.00020584	.01003463
lnXmededu	.00092294	.00114981	.00049216	.00041573	.00083252
dum_Xcloth~g	.00144961	-.00425018	-.00249337	-.00034381	.00563775
dum_Xfootw~r	.00126764	.00157922	.00067596	.00057099	.00114344
dum_Xdurab~s	-.00165054	-.00003501	-.00009138	.00052571	.00125121
dum_Xmededu	.00081728	.00101817	.00043581	.00036813	.00073721
age0_4m	-.00491443	-.000972	-.00046905	.00107385	.00528162
age5_9m	.00057663	.00071837	.00030749	.00025973	.00052013
age10_14m	-.03593829	-.01617502	-.01397093	.00183985	.06424438
age15_54m	.00741845	.00924193	.00395588	.00334154	.00669162
age0_4f	.01799918	-.03148101	-.01891382	.00088724	.03150841
age5_9f	.0085902	.0107017	.00458071	.00386934	.00774857
age10_14f	-.01131668	.00609544	-.00195936	.00570865	.00147195
age15_54f	.00707916	.00881924	.00377495	.00318871	.00638557
wifedu2	-.02484032	-.01121392	.00055734	.00656398	.02893292
wifedu3	.00412579	.00513993	.00220007	.00185841	.00372157
wifedu4	-.01136013	.01516032	.00040051	-.00481868	.00061799
wifedu5	.00135942	.00169357	.00072491	.00061233	.00122623
wifedu6	-.00260997	.00449545	.00077943	-.00444529	.00178039
wifedu7	.00129246	.00161015	.0006892	.00058217	.00116583
husbedu2	-.00067252	.00156682	-.00244878	-.00486734	.00642183
husbedu3	.00134385	.00167417	.0007166	.00060532	.00121218
husbedu4	-.00488254	-.01343357	.01704696	-.01311247	.01438162
husbedu5	.00186983	.00232944	.00099708	.00084224	.00168663
husbedu6	-.01303573	.01476035	.00088979	-.00456599	.00195158
husbedu7	.00140704	.00175289	.0007503	.00063378	.00126918
husbedu8	-.00556117	.00575958	.00072825	-.0047122	.00378554
husbedu9	.00134268	.00167272	.00071598	.00060479	.00121113
husbedu10	.00263714	.00041415	-.00053591	-.00493838	.00242299
husbedu11	.00140397	.00174907	.00074867	.0006324	.00126642
husbedu12	.01268283	-.01976186	-.00236739	.01371482	-.00426839
husbedu13	.00206957	.00257828	.0011036	.00093221	.0018668
husbedu14	-.00596896	.00825127	-.00457224	.00223445	.00005547
husbedu15	.00235339	.00293186	.00125494	.00106005	.00212281
husbedu16	-.00732608	.00392574	-.0050708	.00337658	.00509456
husbedu17	.00215041	.00267898	.0011467	.00096862	.00193972
husbedu18	-.01169377	.00860294	-.00680263	.00332712	.00656635
husbedu19	.00248172	.00309174	.00132338	.00111786	.00223858
husbedu20	-.01340841	-.00658103	-.00893655	.00645169	.0224743
husbedu21	.0028867	.00359626	.00153933	.00130027	.00260387
husbedu22	-.02965799	.01398148	-.00471844	.00243427	.01796068
husbedu23	.013887	.01730047	.00740522	.00625521	.01252641
husbedu24	-.01530807	-.03379356	-.00974192	.00843343	.05041012
husbedu25	.00440389	.00548639	.00234837	.00198367	.00397242
husbedu26	-.0011746	.00109979	.00268625	-.00100875	-.00160269
husbedu27	.00198031	.00246708	.001056	.00089201	.00178629
husbedu28	-.00355912	.00257132	-.00266236	.00065644	.00299372
husbedu29	.0018374	.00228904	.00097979	.00082763	.00165738
husbedu30	-.00967189	.00864187	-.00561184	-.00138696	.00802882
husbedu31	.00202199	.002519	.00107822	.00091078	.00182388
husbedu32	-.01646426	.00441167	-.00886696	-.00158494	.0225045

	.00219132	.00272995	.00116852	.00098705	.00197662
husbedu6	-.01085538	-.01027775	-.01547555	-.00196296	.03857164
	.00966533	.01204111	.00515403	.00435362	.00871837
husbedu7	-.02318816	-.00758617	-.01286069	-.00239168	.04602671
	.00308808	.00384714	.00164671	.00139098	.00278552
urban	.25074695	-.19492076	-.05519022	-.00584075	.00520476
	.08992608	.11203025	.04795297	.04050598	.08111552
_cons	.85234244	.10688275	.06305468	.43389836	-.45617823
	.04777833	.05952242	.02547773	.0215211	.04309722
-----					
rho	.79075975	.5906539	.34031748	.20984309	.22424049
N	28773	28773	28773	28773	28773
N_g	1775	1775	1775	1775	1775
df_m	1805	1805	1805	1805	1805
g_min	1	1	1	1	1
g_max	36	36	36	36	36
r2	.2757335	.07972478	.03446082	.15166061	.21769478
F	331.17846	75.360977	31.047499	155.51566	242.07098
-----					

legend: b/se

cereals

-----  
Model e0cereals (cereals)

-----  
F( 8, 26967) = 31.16  
Prob > F = 0.0000

-----  
Model e0otherfood (otherfood)

-----  
F( 8, 26967) = 10.82  
Prob > F = 0.0000

-----  
Model e0intoxicants (intoxicants)

-----  
F( 8, 26967) = 9.97  
Prob > F = 0.0000

-----  
Model e0fuel (fuel)

-----  
F( 8, 26967) = 12.50  
Prob > F = 0.0000

misc

-----  
F( 8, 26967) = 95.59  
Prob > F = 0.0000  
-----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.05710717 .00262339				
lnhsize	.02873767 .0042524	.40319579 .00860993	.26813328 .01793771	.50188244 .00825396	.34005259 .00999463
lnXclothing	.01599723 .00200438	.08007601 .00460665	.03912887 .01022945	.04173383 .00464233	.14076408 .00588209
lnXfootwear	.01140761 .0028009	.05028305 .00636771	.0385954 .01463699	.0169881 .00644634	.05756357 .00815337
lnXdurables	.00680004 .00176811	.03072797 .0041069	.01473431 .00928627	.01435252 .00411955	.04164606 .00523878
lnXmededu	.00989882 .00124051	.06169382 .00286734	.05394216 .00653313	.04395893 .00288462	.06588066 .00367581
dum_Xcloth~g	.12547527 .0161102	.56003123 .03711482	.23685193 .08125425	.32734336 .03735248	1.015358 .04737541
dum_Xfootw~r	.06981824 .01891101	.25269717 .04318464	.15148475 .09770529	.10297201 .04361518	.32821573 .05526733
dum_Xdurab~s	.04640156 .01534322	.18313423 .035604	.04133472 .08043578	.10035909 .03573092	.30776821 .04541579
dum_Xmededu	.05650641 .00890741	.32411778 .02061813	.3610003 .04646661	.23297892 .02073287	.74064926 .02629055
age0_4m	-.00106219 .00294861	-.03235241 .00683503	-.03292038 .01514349	-.07899511 .00684409	-.07323591 .00871965
age5_9m	-.00528816 .00279904	-.03589741 .00650237	-.00362806 .01443079	-.06920627 .00651913	-.04905347 .00830435
age10_14m	.00013476 .0029254	-.0147846 .00677226	-.03350613 .01513957	-.05005967 .00681681	-.01075595 .00864495
age15_54m	.02006922 .0041903	.1214129 .00937285	.34215237 .02354089	-.0756223 .00959282	.08910052 .01212896
age0_4f	-.00688397 .00305087	-.03632582 .00707451	-.03283219 .01564754	-.0820623 .00708246	-.05663977 .00902761
age5_9f	-.0057753 .00290769	-.04236442 .00675067	-.01555848 .01497398	-.07893556 .00676759	-.04683002 .00862621
age10_14f	-.00318688 .00304555	-.03058299 .00706694	-.01673394 .0156963	-.06427287 .00710252	-.02871824 .00903266
age15_54f	-.03639404 .00464064	-.22211466 .01040738	-.19862361 .02456556	.05792379 .01060769	-.16151436 .01332451
wifedu2	.00617191 .00509181	.03288462 .01184496	-.04287434 .02628998	.05554375 .01188101	.00555218 .01512359
wifedu3	.01910288 .00466032	.03046977 .01082282	-.04988468 .02472033	.07324568 .01086828	.03531483 .01381776
wifedu4	.03027335 .00539043	.04798519 .01249285	-.0428254 .02949655	.07900463 .01254876	.05847709 .01594816
wifedu5	.06024966 .00626554	.11714398 .01450142	.07620804 .03654105	.17135127 .01457424	.1928308 .01851855
wifedu6	.08429722 .0302056	.20557663 .06987778	.40616074 .17419495	.14065376 .07059615	.13766602 .08908762
wifedu7	.10381496 .00953514	.16540883 .02210591	.29147034 .05982689	.23191757 .02220238	.37777592 .02821751
husbedu2	.01413411 .00432379	.04650923 .00996544	.05324042 .02134419	.01850978 .01002981	-.005738 .01274903
husbedu3	.01528372 .00402201	.07544625 .00923638	.01499129 .02039955	.0418432 .00931018	.04930662 .01181633
husbedu4	.01623089 .00442382	.13965356 .01014482	.04202439 .02281062	.05477582 .01023016	.11560852 .01298648
husbedu5	.03579674 .00478575	.21191598 .0109411	.0881762 .02587951	.12171587 .01104956	.2278797 .01404984

husbedu6	.06805932	.26936575	.01581175	.19178837	.33451564
	.02104703	.04860123	.12427479	.04881588	.0620214
husbedu7	.05358279	.3107787	.07018808	.17103859	.40234497
	.00670222	.01538896	.03857172	.01551631	.01974914
urban	.17180591	-.31573558	-.49377618	.47386426	.36938605
	.19356604	.45257419	.8722575	.45271633	.57691189
lnQothfood		-.66351783			
		.00470535			
lnQintox			-.75212138		
			.00319187		
lnQfuel				-.65794823	
				.00348526	
lnQmisc					.89806418
					.01303789
_cons	1.3666898	4.912079	4.4911604	4.0884445	.99702241
	.09935216	.23673501	.41519802	.23204454	.29901911
-----					
rho	.58583497	.47634776	.33982686	.311835	.25750064
N	27656	28762	20861	28223	28530
N_g	1774	1775	1750	1775	1770
df_m	1804	1805	1780	1805	1800
g_min	1	1	1	1	1
g_max	36	36	30	36	36
r2	.07344436	.47507037	.748374	.5857848	.41433604
F	66.100171	786.9563	1830.5426	1205.1299	609.99353
-----					

-----  
 legend: b/se

-----  
 Model elcereals (cereals)

-----  
 F( 8, 25851) = 33.42  
 Prob > F = 0.0000

-----  
 Model elothfood (othfood)

-----  
 F( 8, 26956) = 281.66  
 Prob > F = 0.0000

-----  
 Model elintox (intox)

-----  
 F( 8, 19080) = 34.30  
 Prob > F = 0.0000

-----  
 Model elfuel (fuel)

-----  
 F( 8, 26417) = 72.46  
 Prob > F = 0.0000

misc

-----  
 F( 8, 26729) = 362.25  
 Prob > F = 0.0000  
 -----

eQwrtYm[1,5]: Income Elasticity,means

	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:
	cereals	othfood	intox	fuel	misc
Rnd45:r1	.5439453	3.3455782	4.80319	1.2275915	.84584951

eQwrtYp50[1,5]: Income Elasticity,medians

	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:
	cereals	othfood	intox	fuel	misc
Rnd45:r1	.67982286	3.3092561	4.4000776	1.7149231	.76284403

eQwrtYsd[1,5]: Income Elasticity,sd

	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:
	cereals	othfood	intox	fuel	misc
Rnd45:r1	.8593215	.72563144	1.7764821	6.9864278	.34923144

eQwrtZm[8,5]: Conditioning Variables Elasticity,means

	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:
	cereals	othfood	intox	fuel	misc
Round45:lnXclothing	-.00033572	-.05005625	-.21643093	-.01957824	.00187992
Round45:lnXfootwear	-.0039065	-.01695451	-.01519986	-.00254687	-.0026855
Round45:lnXdurables	-.00764071	-.02873148	-.05251909	-.01165729	-.00057201
Round45:lnXmededu	-.25167886	-1.095205	-2.5883146	-.54661728	-.06925007
Round45:dum_Xclothing	.03471338	-.67728564	-3.1154394	-.18438973	.04699906
Round45:dum_Xfootwear	-.1020153	-.41182382	-.46414912	-.0103328	-.12286504
Round45:dum_Xdurables	-.19491601	-.87666529	-1.1304775	-.29741884	-.14574042
Round45:dum_Xmededu	-.02662841	.07405998	.07655001	-.01187455	.01630692

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians

	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:
	cereals	othfood	intox	fuel	misc
Round45:lnXclothing	0	0	0	0	0
Round45:lnXfootwear	0	0	0	0	0
Round45:lnXdurables	0	0	0	0	0
Round45:lnXmededu	-.25568572	-1.7374676	-1.71851	-.85900313	0
Round45:dum_Xclothing	0	-.90810406	-1.7620092	-.26257294	0
Round45:dum_Xfootwear	-.09569119	-.50684899	-.31930204	-.0670835	-.15191141
Round45:dum_Xdurables	-.16798895	-1.0232829	-1.3875569	-.42649281	-.20016931
Round45:dum_Xmededu	0	0	0	0	0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd

	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:
	cereals	othfood	intox	fuel	misc
Round45:lnXclothing	.00779324	.09087077	.70111235	.05501537	.0245803
Round45:lnXfootwear	.01088526	.03551693	.03780842	.05293507	.00681936
Round45:lnXdurables	.02416223	.06786585	.16248699	.0776911	.01358443
Round45:lnXmededu	.41934891	.85327012	6.0476314	.5064033	.34680878
Round45:dum_Xclothing	.18830384	.47046608	8.1440467	.18242299	.2124699
Round45:dum_Xfootwear	.1319625	.20981337	.86327174	1.0284999	.05976894
Round45:dum_Xdurables	.2907591	.39519334	.54466268	1.2842429	.22641116
Round45:dum_Xmededu	.0700059	.2012075	.14362694	.65673636	.02147419

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	40304	5	.1251549	0.5298	18460.68	0.0000
eoathfood	40304	5	.1037473	0.4924	14084.68	0.0000
eintox	40304	5	.0455302	-0.0517	3418.16	0.0000
emisc	40304	5	.0639184	-0.2568	2305.74	0.0000
efuel	40304	5	.0306122	-0.0491	389.94	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.1827355	.0054142	33.75	0.000	.1721239 .1933472	
ZZoathfood	-.2782227	.0043575	-63.85	0.000	-.2867632 -.2696822	
ZZintox	-.0065598	.0041643	-1.58	0.115	-.0147218 .0016022	
ZZfuel	.1938674	.0056342	34.41	0.000	.1828246 .2049102	
ZZmisc	.061911	.0065764	9.41	0.000	.0490214 .0748005	
_cons	.0142803	.0006319	22.60	0.000	.0130419 .0155188	
eoathfood						
ZZcereals	-.1542673	.0044881	-34.37	0.000	-.1630638 -.1454708	
ZZoathfood	.1718299	.0036121	47.57	0.000	.1647503 .1789095	
ZZintox	.0260087	.003452	7.53	0.000	.0192428 .0327745	
ZZfuel	-.1331664	.0046705	-28.51	0.000	-.1423204 -.1240125	
ZZmisc	.0074066	.0054515	1.36	0.174	-.0032782 .0180914	
_cons	-.0167041	.0005238	-31.89	0.000	-.0177308 -.0156775	
eintox						
ZZcereals	-.0129425	.0019696	-6.57	0.000	-.0168029 -.0090821	
ZZoathfood	.065796	.0015852	41.51	0.000	.062689 .0689029	
ZZintox	-.0302107	.001515	-19.94	0.000	-.0331799 -.0272414	
ZZfuel	-.0456825	.0020497	-22.29	0.000	-.0496998 -.0416653	
ZZmisc	.0179579	.0023924	7.51	0.000	.0132688 .022647	
_cons	.0062422	.0002299	27.16	0.000	.0057917 .0066927	
emisc						
ZZcereals	.0058948	.0027651	2.13	0.033	.0004753 .0113143	
ZZoathfood	.0499036	.0022254	22.42	0.000	.0455419 .0542654	
ZZintox	.0135246	.0021268	6.36	0.000	.0093561 .017693	
ZZfuel	-.0052317	.0028775	-1.82	0.069	-.0108714 .000408	
ZZmisc	-.0939625	.0033587	-27.98	0.000	-.1005454 -.0873796	
_cons	-.0045033	.0003227	-13.96	0.000	-.0051358 -.0038709	
efuel						
ZZcereals	-.0214206	.0013243	-16.18	0.000	-.0240161 -.018825	
ZZoathfood	-.0093068	.0010658	-8.73	0.000	-.0113957 -.0072178	
ZZintox	-.0027627	.0010186	-2.71	0.007	-.0047591 -.0007664	
ZZfuel	-.0097868	.0013781	-7.10	0.000	-.0124878 -.0070858	
ZZmisc	.0066871	.0016086	4.16	0.000	.0035343 .0098398	
_cons	.0006849	.0001546	4.43	0.000	.000382 .0009879	

Endogenous variables: IVHcereals IVHoathfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZoathfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZoathfood IVZintox IVZfuel IVZmisc



Symmetry

chi2( 10) = 5267.75  
Prob > chi2 = 0.0000

Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.1793725	.0051126	35.08	0.000	.1693521	.189393
ZZothfood	-.2407202	.0025135	-95.77	0.000	-.2456466	-.2357938
ZZintox	-.0240031	.0016319	-14.71	0.000	-.0272015	-.0208047
ZZfuel	-.0075875	.0012632	-6.01	0.000	-.0100633	-.0051117
ZZmisc	.0314248	.0023944	13.12	0.000	.0267318	.0361179
_cons	.0166185	.0006262	26.54	0.000	.0153911	.0178458
-----						
eothfood						
ZZcereals	-.2407202	.0025135	-95.77	0.000	-.2456466	-.2357938
ZZothfood	.1374246	.0025466	53.96	0.000	.1324334	.1424158
ZZintox	.0574822	.0014103	40.76	0.000	.0547181	.0602464
ZZfuel	-.0082426	.0009745	-8.46	0.000	-.0101527	-.0063326
ZZmisc	.0431753	.0017448	24.74	0.000	.0397556	.0465951
_cons	-.0176523	.0005195	-33.98	0.000	-.0186704	-.0166342
-----						
eintox						
ZZcereals	-.0240031	.0016319	-14.71	0.000	-.0272015	-.0208047
ZZothfood	.0574822	.0014103	40.76	0.000	.0547181	.0602464
ZZintox	-.0214363	.0013397	-16.00	0.000	-.024062	-.0188105
ZZfuel	-.0059811	.0008744	-6.84	0.000	-.0076948	-.0042673
ZZmisc	.0164191	.0014308	11.48	0.000	.0136148	.0192235
_cons	.005852	.0002288	25.57	0.000	.0054035	.0063005
-----						
emisc						
ZZcereals	.0314248	.0023944	13.12	0.000	.0267318	.0361179
ZZothfood	.0431753	.0017448	24.74	0.000	.0397556	.0465951
ZZintox	.0164191	.0014308	11.48	0.000	.0136148	.0192235
ZZfuel	.0061249	.0013822	4.43	0.000	.0034157	.008834
ZZmisc	-.0971925	.0028695	-33.87	0.000	-.1028165	-.0915684
_cons	-.0049248	.0003207	-15.36	0.000	-.0055533	-.0042963
-----						
efuel						
ZZcereals	-.0075875	.0012632	-6.01	0.000	-.0100633	-.0051117
ZZothfood	-.0082426	.0009745	-8.46	0.000	-.0101527	-.0063326
ZZintox	-.0059811	.0008744	-6.84	0.000	-.0076948	-.0042673
ZZfuel	-.0098158	.0013182	-7.45	0.000	-.0123995	-.007232
ZZmisc	.0061249	.0013822	4.43	0.000	.0034157	.008834
_cons	.0005954	.0001542	3.86	0.000	.0002932	.0008976
-----						



ePPm[5,5]: Price Elasticity, means

	eQwrtZm: cereals	eQwrtZm: othfood	eQwrtZm: intox	eQwrtZm: fuel	eQwrtZm: misc
eQwrtZm:cereals	.20185265	-.38257409	-1.0199817	-.10442253	.18347836
eQwrtZm:othfood	-1.4329689	-.53699294	3.1208555	-.10105783	.19375792
eQwrtZm:intox	-.14516624	.09258981	-1.9654464	-.08592548	.14189048
eQwrtZm:fuel	-.03509632	-.01211383	-.23707519	-.99539194	.01757176
eQwrtZm:misc	.22101406	.07090868	.8868878	.09501625	-1.7039624

ePPp50[5,5]: Price Elasticity, medians

	eQwrtZp50: cereals	eQwrtZp50: othfood	eQwrtZp50: intox	eQwrtZp50: fuel	eQwrtZp50: misc
eQwrtZp50:cereals	-.09508457	-.34589207	-.48027422	-.07296959	.1439524
eQwrtZp50:othfood	-1.0576718	-.55839089	1.483004	-.07269129	.12164937
eQwrtZp50:intox	-.10696274	.08353724	-1.4186467	-.06136392	.10511576
eQwrtZp50:fuel	-.02517387	-.01092494	-.11112444	-.95415944	.01314592
eQwrtZp50:misc	.15794701	.06391857	.41356575	.06671288	-1.4546704

ePPsd[5,5]: Price Elasticity, sd

	eQwrtZsd: cereals	eQwrtZsd: othfood	eQwrtZsd: intox	eQwrtZsd: fuel	eQwrtZsd: misc
eQwrtZsd:cereals	1.8778833	.74805206	2.4008723	.44648002	.18026368
eQwrtZsd:othfood	2.3535556	.42747761	7.1788187	.40917179	.26821225
eQwrtZsd:intox	.24457209	.17937856	2.4096715	.35396947	.15548181
eQwrtZsd:fuel	.0698503	.02538496	.55488325	.59110724	.03830993
eQwrtZsd:misc	.38779163	.15638312	2.1579538	.40902566	1.0488446

---

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.09445534	.06205709	.00830738	-.02824126	.05233212
lnhsize	.00133575	.00177895	.00082789	.00068582	.00141076
lnXclothing	.03840141	-.01552569	-.00464108	-.00660093	-.01163371
lnXfootwear	.0014886	.00198251	.00092263	.0007643	.00157219
lnXdurables	-.00356015	-.00423081	-.00217822	-.00103093	.01100011
lnXmededu	.00091549	.00121924	.00056741	.00047004	.00096689
dum_Xcloth~g	.00153626	-.00605049	-.00173749	.00027949	.00597222
dum_Xfootw~r	.00122267	.00162835	.00075781	.00062776	.00129133
dum_Xdurab~s	-.00208176	.00004285	.00035334	-.00025604	.00194161
dum_Xmededu	.00066304	.00088304	.00041095	.00034043	.00070027
age0_4m	-.00316774	-.00030547	-.00195932	.00022637	.00520615
age5_9m	.00055586	.00074029	.00034452	.0002854	.00058707
age10_14m	-.02720495	-.02298651	-.01985196	-.00329715	.07334057
age15_54m	.00744266	.00991213	.00461293	.00382132	.0078606
age0_4f	.02104523	-.04210301	-.01317423	.00293213	.03129988
age5_9f	.00844365	.01124524	.00523334	.00433527	.0089178
age10_14f	-.01695329	.00502355	.00436566	-.00049545	.00805953
age15_54f	.00638876	.00850854	.00395972	.00328021	.00674751
wifedu2	-.00957066	-.00506229	-.0093749	.00056488	.02344296
wifedu3	.00402497	.00536045	.00249466	.00206656	.00425099
wifedu4	-.01403121	.01701534	.00090505	-.00531826	.00142908
wifedu5	-.00133188	.0017738	.00082549	.00068383	.00140667
wifedu6	-.00315752	.00268043	.0020645	-.0033039	.0017165
wifedu7	.00124396	.00165671	.000771	.0006387	.00131382
husbedu2	-.00071345	.00324172	-.00139539	-.00639517	.00526229
husbedu3	.00126852	.00168942	.00078623	.0006513	.00133976
husbedu4	-.00311585	-.01307398	.01916222	-.01488824	.01191585
husbedu5	.00177364	.00236213	.0010993	.00091065	.00187324
husbedu6	-.01384817	.01404485	.00266284	-.00478915	.00192963
husbedu7	.00136098	.00181255	.00084353	.00069878	.00143741
husbedu8	-.00496852	.00365789	.00113137	-.00292525	.00310452
husbedu9	.00128092	.00170593	.00079391	.00065767	.00135285
husbedu10	-.00271211	.00401564	-.00086867	-.00416511	.00373025
husbedu11	.00132908	.00177006	.00082376	.00068239	.00140371
husbedu12	.02261186	-.02695731	-.00273907	.01568471	-.00860018
husbedu13	.00198276	.00264064	.00122891	.00101802	.0020941
husbedu14	-.00940885	.00932701	-.00738381	.00395944	.00350621
husbedu15	.00209554	.00279084	.00129881	.00107592	.00221322
husbedu16	-.0115942	.00925537	-.00712489	.00308679	.00637692
husbedu17	.00202731	.00269997	.00125652	.00104089	.00214115
husbedu18	-.01662061	.01181566	-.00787936	.0037336	.00895071
husbedu19	.00226212	.00301269	.00140205	.00116145	.00238915
husbedu20	-.01666123	.00629357	-.01098382	.00393789	.01741359
husbedu21	.00256219	.00341232	.00158803	.00131552	.00270607
husbedu22	-.01774609	.03846731	-.00720242	.0087869	-.02230571
husbedu23	.02103562	.02801522	.01303779	.01080043	.02221687
husbedu24	-.01494089	-.02084294	-.01242767	.00406227	.04414923
husbedu25	.00379916	.00505971	.0023547	.00195062	.0040125
husbedu26	-.00291384	.00836139	-.0003843	-.00019446	-.00486879
husbedu27	.00178985	.00238372	.00110934	.00091897	.00189036
husbedu28	-.0086542	.01259856	-.00246315	-.00119046	-.00029075
husbedu29	.00180511	.00240405	.0011188	.00092681	.00190648
husbedu30	-.01640848	.01823398	-.00621363	-.00014894	.00453707
husbedu31	.00188174	.00250611	.0011663	.00096615	.00198741
husbedu32	-.01970503	.01102724	-.01155938	-.0035939	.02383108

	.00202452	.00269626	.00125479	.00103946	.00213821
husbedu6	-.04117709	.01126146	-.01230804	-.01020627	.05242994
	.01068187	.01422611	.00662058	.00548445	.01128171
husbedu7	-.02466105	-.0025268	-.01566339	-.00535275	.048204
	.0027564	.00367097	.00170841	.00141523	.00291118
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.1751382	-.02249149	-.00452787	.3919874	-.54010623
	.01723839	.02295807	.01068428	.0088508	.01820641
rho	.41811387	.2574938	.15262348	.20454846	.19313009
N	28521	28521	28521	28521	28521
N_g	1622	1622	1622	1622	1622
df_m	1651	1651	1651	1651	1651
g_min	2	2	2	2	2
g_max	40	40	40	40	40
r2	.3862672	.10309805	.04315583	.11562416	.22258963
F	563.68796	102.95222	40.395079	117.09597	256.43946

-----  
 legend: b/se

cereals

-----  
 Model e0cereals (cereals)

-----  
 F( 8, 26869) = 34.47  
 Prob > F = 0.0000

-----  
 Model e0otherfood (otherfood)

-----  
 F( 8, 26869) = 11.59  
 Prob > F = 0.0000

-----  
 Model e0intoxicants (intoxicants)

-----  
 F( 8, 26869) = 12.90  
 Prob > F = 0.0000

-----  
 Model e0fuel (fuel)

-----  
 F( 8, 26869) = 11.45  
 Prob > F = 0.0000

misc

-----  
 F( 8, 26869) = 94.58  
 Prob > F = 0.0000  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.10926293 .00353524				
lnhsize	.08776547 .00503795	.38294954 .00870855	.25178747 .01872938	.50883179 .00839992	.3274368 .01018121
lnXclothing	.01678296 .00225306	.07855968 .00486237	.04269319 .01098286	.03635105 .00495895	.1339283 .00630744
lnXfootwear	.01655366 .00306477	.04438557 .00652981	.03663886 .0154926	.02569692 .00671878	.07619506 .00847707
lnXdurables	.00434432 .00161694	.024822 .0035452	.02939299 .00816854	.01186599 .00359134	.03775013 .00458501
lnXmededu	.01266328 .00135239	.06409831 .00293933	.03274232 .00692795	.04211893 .0029914	.06900047 .00381593
dum_Xcloth~g	.12987175 .01829618	.55755563 .03960538	.26053551 .08816993	.30325567 .04034251	.98883331 .05135398
dum_Xfootw~r	.11071594 .0210489	.22573368 .04512256	.16128785 .10569006	.15754409 .04626777	.46090035 .05856059
dum_Xdurab~s	.03302535 .0156042	.14865553 .03417893	.26030283 .07874609	.0764126 .03464556	.31475881 .04422217
dum_Xmededu	.07639038 .0098143	.34269833 .02138447	.20571062 .04970663	.22334874 .02175122	.76310774 .0276626
age0_4m	-.01182801 .00326041	-.04265901 .00711269	-.05042303 .01628223	-.09396399 .00720382	-.05962277 .00923567
age5_9m	-.01003464 .00303099	-.05043002 .00664846	-.00736858 .0152924	-.06121807 .00673645	-.06821609 .00861689
age10_14m	-.00865981 .00311403	-.02273558 .00679716	-.03592702 .01579088	-.0718511 .00691801	-.01719181 .00880935
age15_54m	.02056433 .00449816	.11881796 .00947092	.34549474 .02470066	-.08689918 .00982097	.06218944 .01238963
age0_4f	-.01472503 .00332893	-.03803715 .00727343	.00245467 .01669101	-.08783966 .00735972	-.06744278 .0094281
age5_9f	-.0111786 .00312112	-.0515702 .00684647	-.00320952 .01575013	-.06494239 .00693172	-.05064619 .00887211
age10_14f	-.0068594 .00324551	-.01959887 .00711098	-.03944726 .01638431	-.05797698 .00721413	-.02413111 .00922016
age15_54f	-.03829251 .00501986	-.24358674 .01063102	-.17654829 .02606264	.07304814 .01094806	-.15466732 .01379069
wifedu2	.01814294 .0051184	.0384505 .01121021	-.03140017 .02602394	.06283505 .01136031	.02645411 .01454731
wifedu3	.01669694 .0049677	.03700115 .01084712	-.07874741 .02542546	.0772599 .01101301	.03858934 .01407173
wifedu4	.03390009 .00555727	.06597288 .01210757	-.02442935 .02918962	.12235609 .01228906	.07620568 .01568857
wifedu5	.05782286 .00629723	.13456056 .01368458	.07762175 .03535619	.15737776 .01390848	.17040911 .01774218
wifedu6	-.03187298 .05125502	.15499374 .11255767	-.01399608 .2702111	.1258941 .11397511	.1084175 .14566426
wifedu7	.10770261 .00930571	.21852395 .02024212	.18665758 .05576234	.22231081 .0205606	.33968419 .02626941
husbedu2	.01078579 .00440401	.05110694 .00957857	-.00478192 .02111062	.0283238 .00973125	.0059001 .01243723
husbedu3	.01995664 .00446772	.09371227 .00965151	.02434878 .02195157	.02225888 .00985313	.03801197 .01253941
husbedu4	.0246693 .00465261	.14267972 .01004842	.03074397 .02321661	.06366668 .01024207	.08059169 .01307053
husbedu5	.04910125	.22632077	.06038295	.11556438	.23700113

		.0049986	.01075052	.02608504	.01097211
	.01402284				
husbedu6	.03564389	.30488583	.21309787	.12124562	.35818282
	.02631502	.05711093	.16769916	.05829287	.07453398
husbedu7	.07284123	.31829302	.12130984	.15227974	.41099272
	.00676277	.0145772	.03737857	.0148663	.0190441
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.67958865			
		.00462885			
lnQintox			-.7479639		
			.00364971		
lnQfuel				-.64880686	
				.00355436	
lnQmisc					.93910936
					.01308275
_cons	1.8246983	5.0790094	4.2806443	4.3452579	1.0930418
	.04027562	.08064161	.15965391	.07375602	.09201632
-----					
rho	.48344679	.32912968	.26907151	.27233218	.26492012
N	27433	28482	20018	27901	28246
N_g	1622	1622	1612	1621	1621
df_m	1651	1651	1641	1650	1650
g_min	1	2	1	1	2
g_max	40	40	38	39	40
r2	.10616843	.51256068	.70149394	.57151293	.4188631
F	102.07472	940.42496	1439.463	1167.0686	638.95811

-----  
 legend: b/se  
 -----

Model elcereals (cereals)

-----  
 F( 8, 25781) = 33.59  
 Prob > F = 0.0000  
 -----

Model elothfood (othfood)

-----  
 F( 8, 26830) = 257.06  
 Prob > F = 0.0000  
 -----

Model elintox (intox)

-----  
 F( 8, 18376) = 20.73  
 Prob > F = 0.0000  
 -----

Model elfuel (fuel)

-----  
 F( 8, 26250) = 63.84  
 Prob > F = 0.0000  
 -----

misc

-----  
 F( 8, 26595) = 326.00  
 Prob > F = 0.0000  
 -----  
 -----

eQwrtYm[1,5]: Income Elasticity, means

	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:
	cereals	othfood	intox	fuel	misc
Rnd46:r1	.49456057	3.5454034	5.5049578	1.5686397	.86169506

eQwrtYp50[1,5]: Income Elasticity, medians

	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:
	cereals	othfood	intox	fuel	misc
Rnd46:r1	.63281333	3.5105976	4.7290864	1.9143301	.76895961

eQwrtYsd[1,5]: Income Elasticity, sd

	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:
	cereals	othfood	intox	fuel	misc
Rnd46:r1	.64610026	.28823429	3.062433	3.4361055	.43411283

eQwrtZm[8,5]: Conditioning Variables Elasticity, means

	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:
	cereals	othfood	intox	fuel	misc
Round46:lnXclothing	-.00198229	-.04551669	-.13765944	-.01520816	-.00097837
Round46:lnXfootwear	-.00358789	-.0131707	-.00803477	-.00786571	-.00159194
Round46:lnXdurables	-.00524341	-.02661472	-.07846982	-.01479846	-.00120773
Round46:lnXmededu	-.20843651	-1.1514997	-3.0876068	-.61585335	-.0488009
Round46:dum_Xclothing	.00936393	-.74114861	-2.1618031	-.23759018	-.01757472
Round46:dum_Xfootwear	-.12100684	-.35587954	-.19818297	-.198568	-.0884278
Round46:dum_Xdurables	-.12774635	-.95887396	-2.1486872	-.52835595	-.20212842
Round46:dum_Xmededu	-.02751459	.099565	.13358496	-.00217107	.0161282

eQwrtZp50[8,5]: Conditioning Variables Elasticity, medians

	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:
	cereals	othfood	intox	fuel	misc
Round46:lnXclothing	0	0	0	0	0
Round46:lnXfootwear	0	0	0	0	0
Round46:lnXdurables	0	0	0	0	0
Round46:lnXmededu	-.24055803	-1.8551762	-1.9663196	-.93980038	0
Round46:dum_Xclothing	0	-.942058	-1.4149252	-.33495134	-.02102669
Round46:dum_Xfootwear	-.10962002	-.42984472	-.5120703	-.23204733	-.11279435
Round46:dum_Xdurables	-.12900016	-1.1000446	-1.5219883	-.61596984	-.25755084
Round46:dum_Xmededu	0	0	0	0	0

eQwrtZsd[8,5]: Conditioning Variables Elasticity, sd

	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:
	cereals	othfood	intox	fuel	misc
Round46:lnXclothing	.00655372	.07851474	.444962	.029547	.02361135
Round46:lnXfootwear	.00920254	.02900872	.07617374	.02012766	.00808713
Round46:lnXdurables	.01520934	.06831746	.37482566	.03788029	.01011227
Round46:lnXmededu	.2074734	.92199221	6.7138796	.52557436	.37748978
Round46:dum_Xclothing	.12163541	.47118745	4.0994516	.35323709	.22826779
Round46:dum_Xfootwear	.12213373	.16320371	1.3248943	.10691019	.07173558
Round46:dum_Xdurables	.07948959	.3742903	3.2129812	.21858212	.20492479
Round46:dum_Xmededu	.07718967	.14483819	.23943346	.55865408	.022366

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	38708	5	.0721919	0.3552	5663.60	0.0000
eothfood	38708	5	.0850668	0.0816	2394.77	0.0000
eintox	38708	5	.0466397	-0.3566	658.28	0.0000
emisc	38708	5	.0694169	-0.2590	938.96	0.0000
efuel	38708	5	.03316	-0.0804	293.31	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.1293924	.0033807	38.27	0.000	.1227663 .1360185	
ZZothfood	-.1378758	.0043431	-31.75	0.000	-.1463881 -.1293636	
ZZintox	.0231947	.0024612	9.42	0.000	.0183709 .0280186	
ZZfuel	.0209162	.0037427	5.59	0.000	.0135806 .0282518	
ZZmisc	-.0628954	.0043972	-14.30	0.000	-.0715137 -.0542771	
_cons	.0068675	.0003706	18.53	0.000	.0061412 .0075938	
eothfood						
ZZcereals	-.1300057	.0039836	-32.63	0.000	-.1378135 -.1221979	
ZZothfood	.0087832	.0051176	1.72	0.086	-.0012471 .0188136	
ZZintox	-.004966	.0029001	-1.71	0.087	-.0106502 .0007182	
ZZfuel	.0260345	.0044102	5.90	0.000	.0173907 .0346784	
ZZmisc	.099576	.0051814	19.22	0.000	.0894207 .1097313	
_cons	-.0111532	.0004366	-25.54	0.000	-.012009 -.0102974	
eintox						
ZZcereals	-.0011481	.0021841	-0.53	0.599	-.0054289 .0031327	
ZZothfood	.0102885	.0028058	3.67	0.000	.0047892 .0157879	
ZZintox	-.0361219	.0015901	-22.72	0.000	-.0392384 -.0330055	
ZZfuel	-.015972	.002418	-6.61	0.000	-.0207111 -.0112328	
ZZmisc	.0439332	.0028408	15.47	0.000	.0383654 .0495011	
_cons	.0095283	.0002394	39.80	0.000	.0090591 .0099975	
emisc						
ZZcereals	.019578	.0032508	6.02	0.000	.0132066 .0259494	
ZZothfood	.1125799	.0041761	26.96	0.000	.1043949 .120765	
ZZintox	.0084754	.0023666	3.58	0.000	.003837 .0131139	
ZZfuel	-.015868	.0035988	-4.41	0.000	-.0229216 -.0088144	
ZZmisc	-.0729682	.0042281	-17.26	0.000	-.0812552 -.0646812	
_cons	-.00617	.0003563	-17.32	0.000	-.0068683 -.0054716	
efuel						
ZZcereals	-.0178167	.0015529	-11.47	0.000	-.0208602 -.0147731	
ZZothfood	.0062242	.0019949	3.12	0.002	.0023142 .0101341	
ZZintox	.0094177	.0011305	8.33	0.000	.007202 .0116335	
ZZfuel	-.0151107	.0017191	-8.79	0.000	-.0184802 -.0117412	
ZZmisc	-.0076456	.0020198	-3.79	0.000	-.0116042 -.003687	
_cons	.0009274	.0001702	5.45	0.000	.0005938 .001261	

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel

                  ZZcereals ZZothfood ZZintox ZZfuel ZZmisc

Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

Symmetry

chi2( 10) = 609.14  
 Prob > chi2 = 0.0000

Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.1197212	.0033324	35.93	0.000	.1131898	.1262526
ZZothfood	-.1418711	.0024701	-57.44	0.000	-.1467124	-.1370299
ZZintox	.0047984	.0015368	3.12	0.002	.0017863	.0078105
ZZfuel	-.0124632	.0014079	-8.85	0.000	-.0152227	-.0097038
ZZmisc	-.0113317	.0023834	-4.75	0.000	-.0160031	-.0066604
_cons	.0073766	.000369	19.99	0.000	.0066533	.0080999
-----						
eothfood						
ZZcereals	-.1418711	.0024701	-57.44	0.000	-.1467124	-.1370299
ZZothfood	.0113366	.0037646	3.01	0.003	.003958	.0187151
ZZintox	.0039424	.0016607	2.37	0.018	.0006876	.0071973
ZZfuel	.0103668	.0017425	5.95	0.000	.0069515	.0137821
ZZmisc	.100993	.0029125	34.68	0.000	.0952845	.1067014
_cons	-.011162	.0004349	-25.66	0.000	-.0120145	-.0103096
-----						
eintox						
ZZcereals	.0047984	.0015368	3.12	0.002	.0017863	.0078105
ZZothfood	.0039424	.0016607	2.37	0.018	.0006876	.0071973
ZZintox	-.0291502	.0014299	-20.39	0.000	-.0319528	-.0263476
ZZfuel	.00636	.0009802	6.49	0.000	.0044388	.0082812
ZZmisc	.0247663	.0017195	14.40	0.000	.0213962	.0281364
_cons	.0092935	.0002386	38.95	0.000	.0088258	.0097611
-----						
emisc						
ZZcereals	-.0113317	.0023834	-4.75	0.000	-.0160031	-.0066604
ZZothfood	.100993	.0029125	34.68	0.000	.0952845	.1067014
ZZintox	.0247663	.0017195	14.40	0.000	.0213962	.0281364
ZZfuel	-.0089919	.0016585	-5.42	0.000	-.0122425	-.0057413
ZZmisc	-.0772525	.0036028	-21.44	0.000	-.0843139	-.070191
_cons	-.0062577	.0003556	-17.60	0.000	-.0069546	-.0055608
-----						
efuel						
ZZcereals	-.0124632	.0014079	-8.85	0.000	-.0152227	-.0097038
ZZothfood	.0103668	.0017425	5.95	0.000	.0069515	.0137821
ZZintox	.00636	.0009802	6.49	0.000	.0044388	.0082812
ZZfuel	-.0160048	.0016777	-9.54	0.000	-.0192931	-.0127165
ZZmisc	-.0089919	.0016585	-5.42	0.000	-.0122425	-.0057413
_cons	.0009412	.0001699	5.54	0.000	.0006082	.0012742
-----						



ePPm[5,5]: Price Elasticity, means

	eQwrtZm: cereals	eQwrtZm: othfood	eQwrtZm: intox	eQwrtZm: fuel	eQwrtZm: misc
eQwrtZm:cereals	-.22050684	-1.0818469	.52290333	-.32102943	-.17532343
eQwrtZm:othfood	-.614106	-3.2371355	-.02873605	1.1554108	.50174379
eQwrtZm:intox	.05751264	.00776419	-9.3948559	.34655694	.14654598
eQwrtZm:fuel	-.02812929	.03038876	1.0409293	-3.491736	-.0948846
eQwrtZm:misc	.03705485	.63125016	4.3379635	-.19666449	-1.0534439

ePPp50[5,5]: Price Elasticity, medians

	eQwrtZp50: cereals	eQwrtZp50: othfood	eQwrtZp50: intox	eQwrtZp50: fuel	eQwrtZp50: misc
eQwrtZp50:cereals	-.39574087	-.9749957	.22776684	-.18936457	-.10930457
eQwrtZp50:othfood	-.48171568	-3.2434938	-.00224387	.80219275	.35415119
eQwrtZp50:intox	.03998047	.01457403	-6.6723623	.24426444	.10791121
eQwrtZp50:fuel	-.0191674	.03130875	.50807703	-3.2958274	-.06683458
eQwrtZp50:misc	-.00682639	.57375509	2.173986	-.16806883	-.91654825

ePPsd[5,5]: Price Elasticity, sd

	eQwrtZsd: cereals	eQwrtZsd: othfood	eQwrtZsd: intox	eQwrtZsd: fuel	eQwrtZsd: misc
eQwrtZsd:cereals	.81891827	.91807996	1.3213519	1.478224	.28284556
eQwrtZsd:othfood	.57402344	.05265404	.41910483	3.5624438	.69786855
eQwrtZsd:intox	.0816949	.03500902	10.745787	.97419381	.17526481
eQwrtZsd:fuel	.07363414	.05181532	2.1146749	1.9472806	.1749141
eQwrtZsd:misc	.17053609	.46154723	8.389493	.59234595	.64082995

---

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.08664467	.06542026	.00958689	-.02526142	.03689895
lnhsize	.00215785	.00257424	.00122935	.0009934	.00191421
lnXclothing	.0428936	-.00854375	-.00440002	-.01531041	-.01463942
lnXfootwear	.00237956	.00283874	.00135566	.00109547	.00211088
lnXdurables	-.0033086	-.00494831	-.0016795	.00079391	.0091425
lnXmededu	.00137357	.00163862	.00078254	.00063235	.00121848
dum_Xcloth~g	.00205314	-.00686307	.00008553	-.00031265	.00503705
dum_Xfootw~r	.00191405	.00228339	.00109045	.00088116	.00169793
dum_Xdurab~s	-.00156785	-.00246854	.00027734	-.00017094	.00393
dum_Xmededu	.00131045	.00156332	.00074658	.00060329	.00116249
age0_4m	-.00382348	-.00075621	-.00181232	-.00012067	.00651269
age5_9m	.00087406	.00104273	.00049796	.00040239	.00077537
age10_14m	-.02195351	-.03102259	-.01521755	.00944199	.05875166
age15_54m	.0111677	.01332268	.00636234	.00514124	.00990673
age0_4f	.01935195	-.04531872	-9.718e-06	-.00017398	.02615047
age5_9f	.01318109	.01572459	.00750939	.00606814	.01169279
age10_14f	-.00871666	-.01931448	.00276702	.00075631	.02450782
age15_54f	.0118827	.01417565	.00676968	.0054704	.010541
wifedu2	-.01290438	-.00935503	-.00772029	-.00325222	.03323191
wifedu3	.00633731	.0075602	.00361043	.00291749	.00562176
wifedu4	-.01449694	.01583128	-.00122651	-.00306996	.00296213
wifedu5	-.00199928	.00238507	.00113901	.0009204	.00177354
wifedu6	-.00595025	.007163	.00085762	-.00329302	.00122265
wifedu7	.00189008	.0022548	.00107679	.00087013	.00167666
husbedu2	.00083083	-.00425033	-.00070086	-.00443257	.00855293
husbedu3	.00195816	.00233601	.00111558	.00090147	.00173706
husbedu4	-.00859203	-.01677271	.01790246	-.00972101	.01718329
husbedu5	.00279568	.00333515	.00159272	.00128704	.00248001
husbedu6	-.01510744	.01158369	.00299253	-.0035783	.00410951
husbedu7	.00204942	.00244489	.00116757	.00094348	.00181802
husbedu8	-.00469092	.00040868	.00379271	-.00282469	.00331422
husbedu9	.00195787	.00233567	.00111542	.00090134	.0017368
husbedu10	-.00194738	.00088637	-.00127568	-.00247372	.00481041
husbedu11	.00202584	.00241676	.00115414	.00093263	.0017971
husbedu12	.01292304	-.01477781	-.00127377	.01379209	-.01066355
husbedu13	.00316916	.0037807	.0018055	.00145898	.00281132
husbedu14	-.01401798	.01083506	-.00613133	.00202678	.00728747
husbedu15	.0034123	.00407076	.00194402	.00157091	.00302701
husbedu16	-.01084099	.00701034	-.00490243	.00428446	.00444863
husbedu17	.00322543	.00384782	.00183756	.00148488	.00286124
husbedu18	-.01121122	.00697046	-.00786313	.00405735	.00804653
husbedu19	.00368674	.00439816	.00210037	.00169725	.00327046
husbedu20	-.01372012	-.01215914	-.01062074	.00569496	.03080503
husbedu21	.00450168	.00537035	.00256465	.00207242	.00399339
husbedu22	-.04611322	.04140098	-.00034471	.00933971	-.00428275
husbedu23	.02454166	.02927737	.01398162	.01129818	.02177063
husbedu24	-.01231493	-.02995521	-.00843478	.00757176	.04313315
husbedu25	.0070533	.00841435	.00401833	.00324711	.00625691
husbedu26	-.00450908	.00541425	.00224812	.00062454	-.00377783
husbedu27	.00287463	.00342933	.0016377	.00132338	.00255005
husbedu28	-.00971977	.01019806	-.00290168	-.00131371	.00373709
husbedu29	.00277474	.00331017	.0015808	.0012774	.00246144
husbedu30	-.01710425	.01512752	-.00419847	-.00182157	.00799677
husbedu31	.00293384	.00349998	.00167144	.00135065	.00260258
husbedu32	-.02490473	.01703604	-.01114872	-.00336186	.02237927

	.00324689	.00387343	.00184978	.00149476	.00288028
husbedu6	-.04090708	.01357951	.01457928	.00138552	.01136276
	.01801726	.02149398	.0102646	.00829455	.0159829
husbedu7	-.02990042	-.00267616	-.01833391	-.00458373	.05549421
	.0047922	.00571693	.00273016	.00220617	.00425111
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.1268395	-.04302997	-.03759933	.36189895	-.40810915
	.02756072	.032879	.0157016	.01268805	.0244488
-----					
rho	.48678686	.34389146	.21221212	.26923413	.28612889
N	13643	13643	13643	13643	13643
N_g	931	931	931	931	931
df_m	960	960	960	960	960
g_min	1	1	1	1	1
g_max	52	52	52	52	52
r2	.29904372	.08936664	.03659741	.09766724	.19578994
F	180.34755	41.485693	16.058649	45.756065	102.91706

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)

-----  
 F( 8, 12682) = 15.38  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)

-----  
 F( 8, 12682) = 6.23  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)

-----  
 F( 8, 12682) = 5.44  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)

-----  
 F( 8, 12682) = 4.23  
 Prob > F = 0.0000  
 -----

misc

F( 8, 12682) = 53.92  
 Prob > F = 0.0000

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.09089273				
	.00517092				
lnhsize	.07548655	.40236558	.28198974	.46240706	.35937654
	.00745063	.01216261	.02693808	.01188082	.01460281
lnXclothing	.0135935	.06772661	.03543038	.04474462	.13271356
	.00318586	.00657166	.01497857	.00670448	.00848467
lnXfootwear	.01603245	.05845203	.07329761	.02356768	.0793056
	.00449523	.00920674	.02204408	.00944567	.01189984
lnXdurables	.00445396	.02519165	.05320615	.00974081	.05419915
	.00304222	.00631816	.01465045	.00642031	.0081542
lnXmededu	.00805732	.05311717	.05308661	.04019552	.07252503
	.00201198	.00417791	.00972991	.00423865	.00539871
dum_Xcloth~g	.0989804	.47409705	.1929592	.33874312	.95761694
	.02591391	.05355343	.12027502	.05460236	.06914574
dum_Xfootw~r	.10449931	.32352282	.41055284	.12709106	.46760675
	.03089445	.06346581	.14974379	.06497959	.08202656
dum_Xdurab~s	.04000077	.15184836	.4058334	.06398487	.47273423
	.02759178	.05731279	.13252286	.05822446	.07401936
dum_Xmededu	.04104936	.27936482	.36541907	.19531102	.75750362
	.01463992	.03040974	.06981448	.03088132	.03918785
age0_4m	-.01233872	-.03377537	-.07580634	-.08039529	-.05810843
	.00465275	.0096235	.02217245	.00977719	.01245402
age5_9m	-.01243767	-.03642548	-.03332409	-.05712826	-.0699357
	.00438005	.00910592	.02092247	.00925684	.01178092
age10_14m	.00238317	-.02296688	.00612771	-.04423254	-.00326029
	.00456805	.00946575	.02206683	.00967209	.01223965
age15_54m	.01021652	.1017231	.23469274	-.03511603	.0954806
	.00663739	.01344806	.03565375	.0138505	.0175835
age0_4f	-.00801381	-.0226109	-.02283918	-.06890027	-.02963797
	.00477403	.00988297	.02269483	.01003953	.01279018
age5_9f	-.00921003	-.03978497	.00380506	-.05068974	-.02537464
	.00453784	.0094383	.02174881	.00959277	.01222558
age10_14f	-.00363988	-.02974386	-.01969826	-.04620171	-.02201032
	.0047053	.00977134	.02268148	.0099566	.01264538
age15_54f	-.0344757	-.17814962	-.06986284	.06399519	-.13180911
	.00754418	.01534392	.03777764	.01574053	.01990497
wifedu2	.01472662	.04222071	-.09730602	.03854403	.03944381
	.00792148	.01646367	.03768253	.01672006	.02130281
wifedu3	.02811842	.01362238	-.04175597	.06562924	.04042493
	.00749347	.01558579	.03666529	.01584312	.0201248
wifedu4	.04165361	.03868289	-.05434204	.08706128	.08588669
	.0085863	.01778557	.0440727	.01808853	.02299199
wifedu5	.06996207	.08841888	-.03988637	.16082323	.24685729
	.01048334	.02168666	.05829542	.02207044	.02811828
wifedu6	.04400891	.11328051	.01588623	.1494606	.20220798
	.05680913	.11837321	.29866947	.12008506	.15275431
wifedu7	.12748733	.20487731	.21068938	.26608607	.34650801
	.01638461	.03396229	.09935603	.03477661	.04398545
husbedu2	.01091265	.0623592	.06623256	.02803443	-.00903826
	.00668017	.01386307	.03075557	.01411139	.01794618
husbedu3	.00375282	.07690519	-.02042217	.01865939	.02383893
	.00647508	.0133904	.03058359	.01365671	.01734935
husbedu4	.01090447	.12292997	.01868589	.06069118	.0802972
	.00682753	.01412757	.03297536	.01439368	.01833295
husbedu5	.04339406	.23680452	.09895142	.11986141	.20681322
	.00753947	.01553936	.0384638	.0158059	.02020048

husbedu6	.03275952	.23651228	.73714217	.11505279	.10174675
	.04339054	.08686745	.24053175	.08809015	.11217085
husbedu7	.05639756	.30218138	.13654126	.1688054	.40936506
	.01110815	.02288622	.06090026	.02330286	.02990184
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.64039668			
		.00631032			
lnQintox			-.7642868		
			.0048242		
lnQfuel				-.70142148	
				.00490816	
lnQmisc					.80957567
					.01817864
_cons	1.8657453	4.652253	3.9737673	4.8778737	1.1975487
	.05979983	.11406905	.22999231	.10469639	.1318078
-----					
rho	.47950366	.35288017	.3053535	.30879734	.31405178
N	13341	13621	9769	13433	13483
N_g	928	931	911	930	930
df_m	957	960	940	959	959
g_min	1	1	1	1	1
g_max	52	52	45	52	40
r2	.07196084	.47705203	.74337073	.62923516	.4012295
F	32.006232	384.96364	852.39392	705.609	279.71747
-----					

legend: b/se

Model elcereals (cereals)

F( 8, 12383) = 11.91  
 Prob > F = 0.0000

Model elothfood (othfood)

F( 8, 12660) = 106.14  
 Prob > F = 0.0000

Model elintox (intox)

F( 8, 8828) = 17.40  
 Prob > F = 0.0000

Model elfuel (fuel)

F( 8, 12473) = 41.92  
 Prob > F = 0.0000

misc

F( 8, 12523) = 161.67  
 Prob > F = 0.0000

eQwrtYm[1,5]: Income Elasticity,means  
 eQwrtYm: cereals othfood intox fuel misc  
 Rnd47:r1 .59574099 3.2014279 6.1810589 2.1111039 .86155265

eQwrtYp50[1,5]: Income Elasticity,medians  
 eQwrtYp50: cereals othfood intox fuel misc  
 Rnd47:r1 .7144087 3.155387 5.2277529 2.3504884 .77475643

eQwrtYsd[1,5]: Income Elasticity,sd  
 eQwrtYsd: cereals othfood intox fuel misc  
 Rnd47:r1 .68878218 .6417311 4.3023616 2.0417724 .40722857

eQwrtZm[8,5]: Conditioning Variables Elasticity,means  
 eQwrtZm: cereals othfood intox fuel misc  
 Round47:lnXclothing -.00121984 -.05478233 -.0845244 -.02540999 -.00135184  
 Round47:lnXfootwear -.00294755 -.01542277 -.03246231 -.00750126 -.00087964  
 Round47:lnXdurables -.00466606 -.01966823 -.09361769 -.01830171 .00052991  
 Round47:lnXmededu -.14852736 -.90567613 -2.4780537 -.40365132 -.06804042  
 Round47:dum\_Xclothing -.00449749 -.8750347 -1.23958 -.31840331 -.02420428  
 Round47:dum\_Xfootwear -.07527143 -.44817253 -.93781439 -.14572077 -.0370652  
 Round47:dum\_Xdurables -.10249842 -.72938452 -2.6327736 -.70803138 -.11514763  
 Round47:dum\_Xmededu -.02441862 .07967049 .04041227 .04743049 .02476522

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians  
 eQwrtZp50: cereals othfood intox fuel misc  
 Round47:lnXclothing 0 0 0 0 0  
 Round47:lnXfootwear 0 0 0 0 0  
 Round47:lnXdurables 0 0 0 0 0  
 Round47:lnXmededu -.17277269 -1.4579214 -1.6069884 -.55209225 0  
 Round47:dum\_Xclothing -.0036174 -1.1299835 -1.7423736 -.43115416 -.02818457  
 Round47:dum\_Xfootwear -.0760835 -.52667341 -1.3434097 -.18124948 -.07117599  
 Round47:dum\_Xdurables -.09586258 -.82818976 -2.2184589 -.77182239 -.18048239  
 Round47:dum\_Xmededu 0 0 0 0 0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd  
 eQwrtZsd: cereals othfood intox fuel misc  
 Round47:lnXclothing .01054742 .09597006 .13451385 .04543863 .03622723  
 Round47:lnXfootwear .01007902 .04032567 .08053413 .01731648 .01276856  
 Round47:lnXdurables .01617394 .05105325 .58941882 .04727095 .03876898  
 Round47:lnXmededu .18272736 .79789007 5.9204853 .72678218 .38066071  
 Round47:dum\_Xclothing .11877752 .6596244 .79052313 .19208199 .21924112  
 Round47:dum\_Xfootwear .06397289 .21587009 1.2455039 .08684925 .25828307  
 Round47:dum\_Xdurables .10362536 .29555302 2.7856984 .37850833 .31141346  
 Round47:dum\_Xmededu .07626479 .10212879 .32059644 .14282901 .04029419

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Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	19104	5	.0808172	0.3786	2931.56	0.0000
eothfood	19104	5	.0865193	0.1375	1481.02	0.0000
eintox	19104	5	.0453977	-0.2992	285.63	0.0000
emisc	19104	5	.0615221	-0.1318	405.85	0.0000
efuel	19104	5	.0334095	0.0408	127.30	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.1270456	.0055296	22.98	0.000	.1162077	.1378834
ZZothfood	-.1255718	.0073752	-17.03	0.000	-.140027	-.1111166
ZZintox	.0142599	.0036545	3.90	0.000	.0070971	.0214227
ZZfuel	.0423324	.0057437	7.37	0.000	.0310751	.0535898
ZZmisc	-.1031341	.0072872	-14.15	0.000	-.1174168	-.0888513
_cons	.0063729	.0005942	10.73	0.000	.0052083	.0075375
eothfood						
ZZcereals	-.1330083	.0059198	-22.47	0.000	-.1446109	-.1214057
ZZothfood	.0117401	.0078956	1.49	0.137	-.0037351	.0272152
ZZintox	.0017228	.0039124	0.44	0.660	-.0059453	.009391
ZZfuel	-.0113086	.0061489	-1.84	0.066	-.0233602	.0007431
ZZmisc	.115193	.0078014	14.77	0.000	.0999026	.1304835
_cons	-.0095082	.0006361	-14.95	0.000	-.010755	-.0082614
eintox						
ZZcereals	.0084819	.0031062	2.73	0.006	.0023939	.0145699
ZZothfood	.0199246	.0041429	4.81	0.000	.0118046	.0280446
ZZintox	-.0292918	.0020529	-14.27	0.000	-.0333154	-.0252683
ZZfuel	-.0136221	.0032264	-4.22	0.000	-.0199457	-.0072984
ZZmisc	.0336117	.0040935	8.21	0.000	.0255886	.0416348
_cons	.0086922	.0003338	26.04	0.000	.008038	.0093465
emisc						
ZZcereals	.017875	.0042094	4.25	0.000	.0096246	.0261253
ZZothfood	.0947825	.0056144	16.88	0.000	.0837784	.1057865
ZZintox	.0043271	.002782	1.56	0.120	-.0011255	.0097798
ZZfuel	-.0224113	.0043724	-5.13	0.000	-.030981	-.0138416
ZZmisc	-.0348375	.0055474	-6.28	0.000	-.0457103	-.0239648
_cons	-.0065541	.0004523	-14.49	0.000	-.0074407	-.0056675
efuel						
ZZcereals	-.0203942	.0022859	-8.92	0.000	-.0248745	-.0159138
ZZothfood	-.0008754	.0030489	-0.29	0.774	-.0068511	.0051004
ZZintox	.008982	.0015108	5.95	0.000	.0060209	.011943
ZZfuel	.0050095	.0023744	2.11	0.035	.0003557	.0096632
ZZmisc	-.0108331	.0030125	-3.60	0.000	-.0167376	-.0049287
_cons	.0009972	.0002456	4.06	0.000	.0005158	.0014787

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

Symmetry

chi2( 10) = 455.84  
 Prob > chi2 = 0.0000

Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.127327	.0054862	23.21	0.000	.1165742	.1380798
ZZothfood	-.146873	.0039479	-37.20	0.000	-.1546108	-.1391352
ZZintox	-.0011625	.0022139	-0.53	0.600	-.0055016	.0031766
ZZfuel	-.0128526	.0020973	-6.13	0.000	-.0169632	-.0087419
ZZmisc	-.0188452	.0033556	-5.62	0.000	-.0254221	-.0122683
_cons	.0073498	.0005888	12.48	0.000	.0061957	.0085038
-----						
eothfood						
ZZcereals	-.146873	.0039479	-37.20	0.000	-.1546108	-.1391352
ZZothfood	.0134003	.0059311	2.26	0.024	.0017755	.0250251
ZZintox	.0150953	.0023635	6.39	0.000	.010463	.0197277
ZZfuel	.0008211	.0025711	0.32	0.749	-.0042181	.0058604
ZZmisc	.0907735	.0042359	21.43	0.000	.0824714	.0990756
_cons	-.0098052	.0006309	-15.54	0.000	-.0110417	-.0085687
-----						
eintox						
ZZcereals	-.0011625	.0022139	-0.53	0.600	-.0055016	.0031766
ZZothfood	.0150953	.0023635	6.39	0.000	.010463	.0197277
ZZintox	-.0232448	.0018175	-12.79	0.000	-.026807	-.0196826
ZZfuel	.0069829	.0013034	5.36	0.000	.0044282	.0095375
ZZmisc	.0151755	.0021903	6.93	0.000	.0108825	.0194685
_cons	.0084537	.0003313	25.52	0.000	.0078044	.009103
-----						
emisc						
ZZcereals	-.0188452	.0033556	-5.62	0.000	-.0254221	-.0122683
ZZothfood	.0907735	.0042359	21.43	0.000	.0824714	.0990756
ZZintox	.0151755	.0021903	6.93	0.000	.0108825	.0194685
ZZfuel	-.0114652	.0023452	-4.89	0.000	-.0160616	-.0068688
ZZmisc	-.0484182	.0048899	-9.90	0.000	-.0580023	-.038834
_cons	-.0066262	.0004511	-14.69	0.000	-.0075103	-.0057421
-----						
efuel						
ZZcereals	-.0128526	.0020973	-6.13	0.000	-.0169632	-.0087419
ZZothfood	.0008211	.0025711	0.32	0.749	-.0042181	.0058604
ZZintox	.0069829	.0013034	5.36	0.000	.0044282	.0095375
ZZfuel	.0054438	.0023292	2.34	0.019	.0008787	.0100089
ZZmisc	-.0114652	.0023452	-4.89	0.000	-.0160616	-.0068688
_cons	.0009748	.0002446	3.98	0.000	.0004954	.0014543
-----						
-----						



ePPm[5,5]: Price Elasticity,means

	eQwrtZm: cereals	eQwrtZm: othfood	eQwrtZm: intox	eQwrtZm: fuel	eQwrtZm: misc
eQwrtZm:cereals	-.26367798	-1.069055	-.78516565	-.32587601	-.26007273
eQwrtZm:othfood	-.59502715	-2.876615	2.1355756	.653886	.61925308
eQwrtZm:intox	.01626829	.07666594	-8.9835648	.40473315	.11231538
eQwrtZm:fuel	-.03083269	-.03487621	1.2383265	-2.9977904	-.12675633
eQwrtZm:misc	-.02745631	.53026654	2.8115178	-.38861472	-.97838829

ePPp50[5,5]: Price Elasticity,medians

	eQwrtZp50: cereals	eQwrtZp50: othfood	eQwrtZp50: intox	eQwrtZp50: fuel	eQwrtZp50: misc
eQwrtZp50:cereals	-.4380638	-.93183786	-.3843925	-.23697624	-.16949573
eQwrtZp50:othfood	-.45743197	-2.8860457	1.0774971	.50786388	.43231404
eQwrtZp50:intox	.00420329	.0723855	-6.6721385	.31239229	.08122267
eQwrtZp50:fuel	-.02172111	-.0272526	.6268068	-3.049377	-.09016521
eQwrtZp50:misc	-.03885918	.46796031	1.4512854	-.3264271	-.86449581

ePPsd[5,5]: Price Elasticity,sd

	eQwrtZsd: cereals	eQwrtZsd: othfood	eQwrtZsd: intox	eQwrtZsd: fuel	eQwrtZsd: misc
eQwrtZsd:cereals	1.0121673	1.5971078	1.6021672	.85065097	.40008294
eQwrtZsd:othfood	.87339783	.13144612	4.8840997	1.1107388	.85338408
eQwrtZsd:intox	.29976365	.24627414	10.431425	1.2138472	.14912323
eQwrtZsd:fuel	.08439988	.10370229	2.8066922	.43998782	.17780501
eQwrtZsd:misc	.17678796	.63111108	5.771478	.61066011	.53434829

---

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.09581808	.0681589	.00974544	-.02910672	.04702046
lnhsize	.03471403	-.00836642	-.0034221	-.01463863	-.00828688
lnXclothing	-.00675514	-.00084247	-.00105572	.00004591	.00860742
lnXfootwear	-.00066033	-.00367056	-.00115971	.00010171	.00538889
lnXdurables	.00232223	-.00489996	-.00120673	.00093345	.00285102
lnXmededu	-.00391656	.00008583	-.00147243	.00053557	.00476759
dum_Xcloth~g	-.05423762	.00689856	-.00922831	.00372175	.05284563
dum_Xfootw~r	.01256171	.01420984	.00657649	.00573457	.01021975
dum_Xdurab~s	.00723027	-.02494888	-.01167436	.00311734	.02627562
dum_Xmededu	.01451396	.01641823	.00759857	.0066258	.01180803
age0_4m	.02758412	-.04250451	-.00893643	.00781082	.01604601
age5_9m	.0135028	.01527441	.00706919	.00616419	.0109854
age10_14m	-.01144798	-.01039821	-.00592252	.00186319	.02590552
age15_54m	.00665177	.0075245	.00348244	.00303661	.00541164
age0_4f	-.01178166	.0147444	.00106562	-.00566303	.00163467
age5_9f	.00214075	.00242162	.00112076	.00097728	.00174163
age10_14f	-.00164854	.00034097	.00108395	-.00351397	.00373758
age15_54f	.00202585	.00229165	.00106061	.00092483	.00164816
wifedu2	.00062337	.00105602	-.00133832	-.00635685	.00601577
wifedu3	.00208817	.00236215	.00109323	.00095328	.00169886
wifedu4	-.00114217	-.02072013	.01809442	-.01203154	.01579943
wifedu5	.00307358	.00347684	.00160913	.00140312	.00250055
wifedu6	-.01457789	.01271193	.0018887	-.00430064	.00427789
wifedu7	.00217669	.00246228	.00113957	.00099368	.00177088
husbedu2	-.00425671	.00823303	-.00007057	-.00423041	.00032466
husbedu3	.00205069	.00231975	.00107361	.00093617	.00166837
husbedu4	.00041202	-.00213192	-.00080198	-.00246521	.00498709
husbedu5	.00218048	.00246657	.00114156	.00099542	.00177396
husbedu6	.0189183	-.02433034	-.00080076	.01092	-.00470719
husbedu7	.00353977	.0040042	.00185319	.00161595	.00287983
husbedu8	-.00691937	.00943812	-.00459145	.00075049	.0013222
husbedu9	.00349881	.00395786	.00183175	.00159725	.0028465
husbedu10	-.007717	.00154525	-.00543009	.00554063	.00606121
husbedu11	.00346358	.00391801	.0018133	.00158116	.00281784
husbedu12	-.01371475	.00296025	-.00835018	.00719481	.01190987
husbedu13	.00422712	.00478174	.00221305	.00192973	.00343904
husbedu14	-.0202032	-.00985817	-.01246676	.00774865	.03477948
husbedu15	.00503693	.00569779	.00263701	.00229942	.00409786
husbedu16	-.16713948	.23472528	-.01488831	.00186935	-.05456685
husbedu17	.06701497	.07580754	.03508469	.03059315	.05452097
husbedu18	-.01304694	-.02785964	-.01642928	.01424515	.04309071
husbedu19	.00836019	.00945707	.00437685	.00381653	.00680155
husbedu20	-.00634908	.00897951	-.00062386	-.00183588	-.00017069
husbedu21	.00295826	.00334639	.00154875	.00135048	.00240673
husbedu22	-.01573254	.01452086	-.00111096	-.00257976	.00490241
husbedu23	.00288578	.00326441	.00151081	.0013174	.00234777
husbedu24	-.02216161	.02138817	-.0070287	-.00291575	.01071788
husbedu25	.00332808	.00376473	.00174237	.00151931	.00270761
husbedu26	-.02853775	.01475326	-.01019505	-.00235654	.02633609

	.00376826	.00426267	.00197282	.00172026	.00306572
husbedu6	-.01444019	.01263182	-.01654186	-.00941375	.02776396
	.02411683	.02728103	.01262601	.01100963	.01962058
husbedu7	-.0343276	.00724773	-.0160567	-.0056174	.04875397
	.00593026	.00670833	.0031047	.00270724	.00482465
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.2518632	-.11953862	-.02747114	.39834154	-.50319499
	.03076202	.03479809	.016105	.01404324	.02502687
rho	.47071266	.37199196	.21749916	.24461058	.28400533
N	13134	13134	13134	13134	13134
N_g	1230	1230	1230	1230	1230
df_m	1259	1259	1259	1259	1259
g_min	1	1	1	1	1
g_max	50	50	50	50	50
r2	.3158804	.10782878	.03611917	.10588675	.22562399
F	182.75381	47.836816	14.831677	46.873229	115.3212

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)

-----  
 F( 8, 11874) = 21.54  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)

-----  
 F( 8, 11874) = 9.18  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)

-----  
 F( 8, 11874) = 5.44  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)

-----  
 F( 8, 11874) = 3.42  
 Prob > F = 0.0006  
 -----

misc

F( 8, 11874) = 51.69  
 Prob > F = 0.0000  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.08970157 .00556701				
lnhsize	.06753376 .00792802	.42777332 .01246113	.24675656 .02826393	.51040126 .01277665	.38076016 .01505166
lnXclothing	.006918 .003524	.06840076 .00704646	.06091837 .01623261	.03313615 .00755177	.12842705 .00907845
lnXfootwear	.01677393 .00485567	.05266506 .00965788	.07628788 .02334279	.0286452 .01037934	.07585147 .01243989
lnXdurables	.00628876 .00344048	.0187043 .00691749	.03310818 .0167974	.017916 .00740742	.05066765 .00890606
lnXmededu	.01021781 .00206495	.06641347 .00413322	.0543697 .01000086	.04699513 .00442341	.07797084 .00533835
dum_Xcloth~g	.0454059 .02895229	.50062755 .05796947	.45167246 .1315851	.26237346 .06211949	.9405143 .07469022
dum_Xfootw~r	.1077673 .03369489	.28383758 .06718746	.3895756 .16009973	.17959853 .07213271	.43759282 .08657387
dum_Xdurab~s	.05241784 .03111075	.07467644 .06253853	.25288596 .15180983	.11514399 .06697987	.4015961 .08052806
dum_Xmededu	.05408282 .01521839	.37592599 .03048219	.40593576 .07257568	.27848921 .03266058	.83302669 .03927981
age0_4m	-.00274441 .00495246	-.03068512 .00989461	.00855817 .02316042	-.09022763 .01061004	-.05598476 .01281581
age5_9m	-.00293115 .00466604	-.05079666 .0093764	-.00997174 .02196163	-.06751079 .01005038	-.04621876 .01213448
age10_14m	-.00791805 .00483938	-.01999162 .00967893	.01270588 .02280469	-.06842417 .01042396	-.01530975 .01253331
age15_54m	.00636078 .00724782	.06169862 .01421611	.32486543 .03880513	-.07007721 .01544143	.08674456 .01847731
age0_4f	-.00610611 .00503731	-.03435403 .01006591	.05221044 .02370511	-.0856675 .0107802	-.04766478 .01301229
age5_9f	-.00420453 .00472697	-.02982455 .00948787	-.03326815 .022173	-.06664962 .0101746	-.05045546 .01228621
age10_14f	-.00692759 .00502394	-.03778479 .0100985	-.0079542 .0238218	-.05784344 .0108195	-.02190173 .01306137
age15_54f	-.03077926 .00837063	-.22682004 .01640248	-.15725694 .04186849	.0367632 .01778767	-.15466894 .0212982
wifedu2	.01774318 .00806074	.05444556 .01621201	-.03169016 .03772186	.03333012 .01736311	.06746197 .02097247
wifedu3	.03384785 .00799431	.04754084 .0160416	-.00085508 .03884329	.09478718 .01719574	.07607128 .02072964
wifedu4	.03739101 .00975485	.08413866 .01956487	-.03751418 .05027692	.1581727 .02097103	.09302371 .0252613
wifedu5	.07278096 .01160933	.15782567 .02324778	.08361349 .06487635	.21221385 .02491388	.29436501 .03000279
wifedu6	.10345014 .21777264	.49603995 .31043883	-.60246638 .62046339	.02111043 .33205852	-.70119551 .56518057
wifedu7	.1132632 .01921319	.30384424 .03851955	.16802461 .1136651	.37915613 .04133719	.47389946 .04963416
husbedu2	.0078846 .00683029	.0674521 .01370484	.0384272 .03099488	.01397566 .01471461	-.00669298 .01777629
husbedu3	.00882784 .00666644	.09555066 .01336757	-.00738845 .03107553	.0333948 .01433589	.04828746 .0173106
husbedu4	.01981045 .00771406	.13321604 .01540472	-.0138596 .03767592	.04897587 .01655306	.10638409 .01992591
husbedu5	.04571744 .00868214	.22604794 .01734007	.080041 .04464842	.12802607 .01861442	.22524406 .02252857

husbedu6	.06777283	.39960656	-.04709908	.2645939	.48360718
	.05677276	.11164029	.29775092	.12227619	.14376812
husbedu7	.06702822	.29039225	.05426824	.15158922	.32810915
	.01376371	.02731647	.07659756	.02938585	.03538453
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.65325103			
		.00660556			
lnQintox			-.76942344		
			.00503057		
lnQfuel				-.70560231	
				.00518885	
lnQmisc					.79221239
					.01921538
_cons	2.0282719	4.8550005	3.9699286	4.8869561	1.3443563
	.06489412	.12057433	.25168548	.11706001	.14027566
-----					
rho	.45524904	.40010417	.35106522	.31840024	.34326093
N	12886	13124	9336	12985	12963
N_g	1230	1230	1195	1230	1229
df_m	1259	1259	1224	1259	1258
g_min	1	1	1	1	1
g_max	50	50	38	48	33
r2	.06820623	.4812564	.7474933	.62280931	.4036321
F	28.366995	366.88811	800.364	645.33576	264.04898
-----					

legend: b/se

Model elcereals (cereals)

F( 8, 11626) = 11.81  
 Prob > F = 0.0000

Model elothfood (othfood)

F( 8, 11864) = 115.86  
 Prob > F = 0.0000

Model elintox (intox)

F( 8, 8111) = 16.48  
 Prob > F = 0.0000

Model elfuel (fuel)

F( 8, 11725) = 30.64  
 Prob > F = 0.0000

misc

F( 8, 11704) = 172.90  
 Prob > F = 0.0000

eQwrtYm[1,5]: Income Elasticity,means  
 eQwrtYm: cereals othfood intox fuel misc  
 Rnd48:r1 .59730493 3.3513213 6.3985028 1.906565 .94775538

eQwrtYp50[1,5]: Income Elasticity,medians  
 eQwrtYp50: cereals othfood intox fuel misc  
 Rnd48:r1 .70935953 3.3068328 5.3985233 2.2139664 .84905392

eQwrtYsd[1,5]: Income Elasticity,sd  
 eQwrtYsd: cereals othfood intox fuel misc  
 Rnd48:r1 .43914463 .20704725 4.0048562 2.8999532 .42340592

eQwrtZm[8,5]: Conditioning Variables Elasticity,means  
 eQwrtZm: cereals othfood intox fuel misc  
 Round48:lnXclothing -.0058266 -.04629789 -.1709659 -.02407241 -.00106873  
 Round48:lnXfootwear .00132705 -.01477941 -.07276711 -.00148799 -.00166929  
 Round48:lnXdurables -.00455372 -.0243929 -.07983267 -.01692829 -.00149889  
 Round48:lnXmededu -.21921256 -.85922829 -2.4892016 -.43465836 -.08895743  
 Round48:dum\_Xclothing -.06012385 -.73069641 -2.9058145 -.33523292 -.01117759  
 Round48:dum\_Xfootwear .06665388 -.42236046 -2.4413895 .00062232 -.0702686  
 Round48:dum\_Xdurables -.10253344 -1.0083406 -2.5820963 -.74129469 -.21237612  
 Round48:dum\_Xmededu -.01952373 .07554116 .06131384 .00383192 .01799385

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians  
 eQwrtZp50: cereals othfood intox fuel misc  
 Round48:lnXclothing 0 0 0 0 0  
 Round48:lnXfootwear 0 0 0 0 0  
 Round48:lnXdurables 0 0 0 0 0  
 Round48:lnXmededu -.2021388 -1.3862075 -2.4879246 -.66399342 -.00374651  
 Round48:dum\_Xclothing -.08082873 -.95482308 -2.48622 -.45880917 -.00869355  
 Round48:dum\_Xfootwear .03550844 -.46281356 -1.8719897 -.04060205 -.09812681  
 Round48:dum\_Xdurables -.10055293 -1.1455499 -2.2999139 -.86469579 -.27457154  
 Round48:dum\_Xmededu 0 0 0 0 0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd  
 eQwrtZsd: cereals othfood intox fuel misc  
 Round48:lnXclothing .00989035 .07795909 .40875595 .04060528 .0225142  
 Round48:lnXfootwear .00571386 .03259068 .27273019 .04112794 .010166  
 Round48:lnXdurables .01370163 .06373507 .32297415 .04711569 .01454884  
 Round48:lnXmededu .26685633 .67923499 3.6250346 .44069735 .32162799  
 Round48:dum\_Xclothing .04530805 .44009155 4.1042188 .3405945 .20900472  
 Round48:dum\_Xfootwear .11540874 .22863392 3.4685302 .69821283 .1374794  
 Round48:dum\_Xdurables .06236618 .38716143 2.4360034 .33521185 .2346364  
 Round48:dum\_Xmededu .03914869 .1014025 .27211743 .37089325 .02551064

-----  
 -----

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	18258	5	.0823288	0.3598	2137.50	0.0000
eothfood	18258	5	.0898421	0.0738	916.41	0.0000
eintox	18258	5	.0475253	-0.4918	302.21	0.0000
emisc	18258	5	.0691695	-0.4779	475.80	0.0000
efuel	18258	5	.0351579	-0.0791	122.37	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.0713118	.0075074	9.50	0.000	.0565976 .0860261	
ZZothfood	-.1512987	.0091743	-16.49	0.000	-.16928 -.1333174	
ZZintox	.0233448	.004397	5.31	0.000	.0147268 .0319627	
ZZfuel	.0526911	.007324	7.19	0.000	.0383363 .0670459	
ZZmisc	-.0973063	.0101246	-9.61	0.000	-.1171502 -.0774624	
_cons	.0056622	.0006221	9.10	0.000	.0044429 .0068815	
eothfood						
ZZcereals	-.118778	.0081925	-14.50	0.000	-.1348351 -.1027209	
ZZothfood	.0071269	.0100115	0.71	0.477	-.0124953 .0267491	
ZZintox	-.0029935	.0047983	-0.62	0.533	-.012398 .0064109	
ZZfuel	-.0253914	.0079924	-3.18	0.001	-.0410562 -.0097266	
ZZmisc	.137094	.0110486	12.41	0.000	.1154392 .1587488	
_cons	-.0087624	.0006789	-12.91	0.000	-.0100929 -.0074319	
eintox						
ZZcereals	.0182192	.0043337	4.20	0.000	.0097252 .0267132	
ZZothfood	.0141386	.005296	2.67	0.008	.0037587 .0245184	
ZZintox	-.038157	.0025382	-15.03	0.000	-.0431319 -.0331822	
ZZfuel	-.0057351	.0042279	-1.36	0.175	-.0140216 .0025514	
ZZmisc	.0414185	.0058445	7.09	0.000	.0299634 .0528736	
_cons	.008882	.0003591	24.73	0.000	.0081782 .0095859	
emisc						
ZZcereals	.0581621	.0063074	9.22	0.000	.0457997 .0705244	
ZZothfood	.1412029	.0077079	18.32	0.000	.1260957 .15631	
ZZintox	.009219	.0036942	2.50	0.013	.0019785 .0164595	
ZZfuel	-.0086334	.0061534	-1.40	0.161	-.0206937 .003427	
ZZmisc	-.0881995	.0085063	-10.37	0.000	-.1048716 -.0715275	
_cons	-.006248	.0005227	-11.95	0.000	-.0072724 -.0052236	
efuel						
ZZcereals	-.0289151	.003206	-9.02	0.000	-.0351987 -.0226315	
ZZothfood	-.0111696	.0039178	-2.85	0.004	-.0188484 -.0034909	
ZZintox	.0085868	.0018777	4.57	0.000	.0049066 .0122671	
ZZfuel	-.0129312	.0031277	-4.13	0.000	-.0190613 -.0068011	
ZZmisc	.0069933	.0043236	1.62	0.106	-.0014808 .0154675	
_cons	.0004661	.0002657	1.75	0.079	-.0000546 .0009868	

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

## Symmetry

chi2( 10) = 397.43  
 Prob > chi2 = 0.0000

## Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.0443123	.0071845	6.17	0.000	.0302309	.0583936
ZZothfood	-.1680653	.0050356	-33.38	0.000	-.1779349	-.1581957
ZZintox	.0067004	.0028224	2.37	0.018	.0011687	.0122322
ZZfuel	-.0205103	.0028675	-7.15	0.000	-.0261305	-.01489
ZZmisc	-.0013823	.0047787	-0.29	0.772	-.0107484	.0079837
_cons	.0068719	.0006148	11.18	0.000	.005667	.0080769
-----						
eothfood						
ZZcereals	-.1680653	.0050356	-33.38	0.000	-.1779349	-.1581957
ZZothfood	-.0056388	.0072195	-0.78	0.435	-.0197889	.0085112
ZZintox	.01255	.0028566	4.39	0.000	.0069513	.0181487
ZZfuel	-.0089271	.0032288	-2.76	0.006	-.0152554	-.0025988
ZZmisc	.1258851	.0059376	21.20	0.000	.1142476	.1375227
_cons	-.0089222	.0006711	-13.29	0.000	-.0102376	-.0076068
-----						
eintox						
ZZcereals	.0067004	.0028224	2.37	0.018	.0011687	.0122322
ZZothfood	.01255	.0028566	4.39	0.000	.0069513	.0181487
ZZintox	-.0310167	.0022144	-14.01	0.000	-.0353568	-.0266766
ZZfuel	.0088098	.0016241	5.42	0.000	.0056267	.0119929
ZZmisc	.0232273	.0028958	8.02	0.000	.0175516	.028903
_cons	.0086319	.0003553	24.29	0.000	.0079355	.0093283
-----						
emisc						
ZZcereals	-.0013823	.0047787	-0.29	0.772	-.0107484	.0079837
ZZothfood	.1258851	.0059376	21.20	0.000	.1142476	.1375227
ZZintox	.0232273	.0028958	8.02	0.000	.0175516	.028903
ZZfuel	.0010144	.0033084	0.31	0.759	-.0054699	.0074987
ZZmisc	-.0900872	.0071831	-12.54	0.000	-.1041658	-.0760087
_cons	-.0062838	.0005204	-12.08	0.000	-.0073037	-.0052638
-----						
efuel						
ZZcereals	-.0205103	.0028675	-7.15	0.000	-.0261305	-.01489
ZZothfood	-.0089271	.0032288	-2.76	0.006	-.0152554	-.0025988
ZZintox	.0088098	.0016241	5.42	0.000	.0056267	.0119929
ZZfuel	-.0094725	.0030746	-3.08	0.002	-.0154987	-.0034463
ZZmisc	.0010144	.0033084	0.31	0.759	-.0054699	.0074987
_cons	.0003837	.0002641	1.45	0.146	-.000134	.0009014
-----						



```

ePPm[5,5]: Price Elasticity,means
              eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:
              cereals  othfood  intox    fuel     misc
eQwrtZm:cereals  -.77532473  -.37692223  .31989241  -.30092428  -.04520707
eQwrtZm:othfood  -.78554682  -.95922002  .59277622  -.13153503  1.7058613
eQwrtZm:intox    .03150364  .02869478  -2.3336827  .12902432  .31739953
eQwrtZm:fuel     -.09578111  -.01938131  .40391948  -1.1110496  .00661682
eQwrtZm:misc     -.00598646  .28531899  1.0591844  .01465625  -2.17856

ePPp50[5,5]: Price Elasticity,medians
              eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50:
              cereals  othfood  intox    fuel     misc
eQwrtZp50:cereals  -.82171911  -.34148854  .16500145  -.23885633  -.02930403
eQwrtZp50:othfood  -.60990664  -.95800763  .30498286  -.10439651  1.270278
eQwrtZp50:intox    .02443786  .0259528  -1.6518593  .10240795  .23726028
eQwrtZp50:fuel     -.0743123  -.01754201  .20836923  -1.0824181  .00491625
eQwrtZp50:misc     -.00475221  .25822645  .54505756  .01165867  -1.8635409

ePPsd[5,5]: Price Elasticity,sd
              eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd:
              cereals  othfood  intox    fuel     misc
eQwrtZsd:cereals  .1818172  .1654323  .61853248  .58494163  .06170389
eQwrtZsd:othfood  .68794409  .00564227  1.153328  .25669147  1.8614212
eQwrtZsd:intox    .02761428  .01276905  2.7305878  .2510979  .34338285
eQwrtZsd:fuel     .08397163  .00856443  .78425658  .27009827  .01022485
eQwrtZsd:misc     .00494407  .12631609  2.0615232  .02839269  1.3513318
-----

```

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.0945245	.06833336	.0057856	-.03131858	.05172413
lnhsize	.00146832	.00172663	.00081711	.00070384	.00127016
lnXclothing	.03121758	-.00315029	-.00290744	-.01797127	-.00718859
lnXfootwear	.00153475	.00180475	.00085408	.00073568	.00132763
lnXdurables	-.00529819	-.00317845	-.00179621	-.00020644	.01047929
lnXmededu	.00099559	.00117073	.00055404	.00047723	.00086123
dum_Xcloth~g	.00130333	-.00389667	-.00075678	-.00082174	.00417187
dum_Xfootw~r	.00128591	.00151212	.0007156	.0006164	.00111236
dum_Xdurab~s	-.00098016	-.00572648	.00115189	.00226366	.00329109
dum_Xmededu	.00093626	.00110097	.00052102	.0004488	.00080991
age0_4m	-.00402484	-.00071565	-.00134083	.00095389	.00512743
age5_9m	.00059109	.00069508	.00032894	.00028334	.00051132
age10_14m	-.03722204	-.01754832	-.01477576	.00322757	.06631855
age15_54m	.00813342	.00956425	.00452619	.00389874	.00703575
age0_4f	.01944648	-.02796541	-.00746049	-.00501598	.0209954
age5_9f	.00897252	.01055096	.00499314	.00430097	.00776161
age10_14f	-.00111081	-.05223416	.00958874	.02213499	.02162124
age15_54f	.00840553	.00988423	.00467761	.00402918	.00727114
wifedu2	-.01766519	-.01055039	-.00525873	.00537118	.02810313
wifedu3	.00429362	.00504894	.00238936	.00205814	.00371416
wifedu4	-.01284842	.01277045	.0018513	-.0045491	.00277577
wifedu5	.00127323	.00149721	.00070854	.00061032	.00110139
wifedu6	-.00209202	.002516	.00023484	-.00224412	.00158529
wifedu7	.00119062	.00140007	.00066257	.00057072	.00102994
husbedu2	.00020015	-.00054316	-.00173023	-.00365381	.00572705
husbedu3	.00123417	.00145128	.0006868	.0005916	.00106761
husbedu4	.00172091	-.01808986	.01691248	-.01029972	.00975619
husbedu5	.00180641	.0021242	.00100525	.0008659	.00156262
husbedu6	-.01261725	.01143077	.0019437	-.0048866	.00412938
husbedu7	.00130235	.00153146	.00072475	.00062428	.00112659
husbedu8	-.00277273	.00165817	.00103735	-.00279015	.00286735
husbedu9	.00123891	.00145686	.00068944	.00059387	.00107171
husbedu10	.00079343	.00058225	-.00172414	-.00397212	.00432057
husbedu11	.00129192	.00151919	.00071894	.00061928	.00111756
husbedu12	.00989699	-.01253137	-.00316764	.01121354	-.00541152
husbedu13	.00204879	.00240921	.00114014	.00098209	.00177229
husbedu14	-.00790298	.01079613	-.00495957	.00241298	-.00034656
husbedu15	.00222847	.0026205	.00124012	.00106821	.00192772
husbedu16	-.00994413	.00609964	-.00631821	.00506124	.00510147
husbedu17	.00203262	.0023902	.00113114	.00097433	.0017583
husbedu18	-.01234888	.00430967	-.00336568	.00413788	.00726701
husbedu19	.00246423	.00289774	.00137132	.00118123	.00213166
husbedu20	-.01211691	-.00396907	-.00899297	.00901546	.0160635
husbedu21	.00295779	.00347813	.00164599	.00141781	.00255862
husbedu22	-.0065495	-.0084845	-.00586256	.00651984	.01437672
husbedu23	.0090802	.01067759	.00505306	.00435258	.00785476
husbedu24	-.00711139	-.02871389	-.0089626	.00658979	.0381981
husbedu25	.00457393	.00537857	.00254535	.00219251	.00395664
husbedu26	-.0046099	.00853172	.0008085	-.00151177	-.00321855
husbedu27	.00184326	.00216752	.00102576	.00088356	.0015945
husbedu28	-.00888474	.01056861	-.00179535	-.00082907	.00094055
husbedu29	.00168691	.00198367	.00093875	.00080862	.00145925
husbedu30	-.01569106	.01542891	-.00519405	-.00039715	.00585336
husbedu31	.00192665	.00226558	.00107217	.00092354	.00166663
husbedu32	-.02356861	.01588934	-.01108518	-.00118066	.01994511

	.00216807	.00254947	.00120651	.00103926	.00187547
husbedu6	-.02779787	.02223534	-.01565554	.00347455	.01774353
	.00566219	.00665828	.00315096	.00271416	.00489803
husbedu7	-.03290978	-.00179791	-.01633434	-.00247974	.05352177
	.00327946	.00385638	.00182499	.001572	.00283687
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.2439002	-.10404999	-.00260972	.41780446	-.55504491
	.01911023	.02247209	.0106347	.00916046	.01653115
rho	.49708978	.34404039	.1569387	.26884393	.22182836
N	29990	29990	29990	29990	29990
N_g	1362	1362	1362	1362	1362
df_m	1391	1391	1391	1391	1391
g_min	4	4	4	4	4
g_max	50	50	50	50	50
r2	.30688327	.0914285	.03220474	.11921133	.21858778
F	422.06684	95.926123	31.721284	129.02095	266.66137

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)

-----  
 F( 8, 28598) = 41.35  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)

-----  
 F( 8, 28598) = 12.38  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)

-----  
 F( 8, 28598) = 10.54  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)

-----  
 F( 8, 28598) = 15.13  
 Prob > F = 0.0000  
 -----

misc

F( 8, 28598) = 114.73  
 Prob > F = 0.0000  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.08585556 .00362026				
lnhsize	.06529541 .00486267	.41144357 .00804215	.35240581 .01700461	.46620709 .00764601	.37172863 .00934284
lnXclothing	.01201614 .00227431	.07110187 .00484708	.04107356 .01074299	.03975953 .00486213	.15129507 .00610844
lnXfootwear	.01460818 .00295656	.051674 .0062874	.05970039 .01447256	.03346253 .00632143	.08006656 .00793016
lnXdurables	.00119486 .00213936	.01417289 .00458382	.062657 .01008878	.02621577 .00458354	.05688 .00578197
lnXmededu	.00562302 .00134891	.04765319 .00287448	.03246059 .00671125	.04063318 .00288174	.06345985 .00362781
dum_Xcloth~g	.08635287 .01858904	.49623555 .03967499	.26399208 .0866489	.32048656 .03977391	1.0954702 .05001021
dum_Xfootw~r	.10081456 .02060647	.29197208 .04390223	.3441972 .09975599	.19845551 .04409847	.49494272 .05536542
dum_Xdurab~s	.0034602 .01922612	.03600426 .04117636	.48601703 .09075736	.20267961 .04120165	.46433522 .05195704
dum_Xmededu	.03130371 .00980822	.24969629 .02094351	.24520955 .04815509	.23128714 .02099725	.72466274 .02639021
age0_4m	-.0077456 .00292148	-.03379487 .00622858	-.02442804 .01393484	-.07707808 .00623496	-.06006725 .00786116
age5_9m	-.01165863 .00271646	-.0477578 .00582648	-.04970665 .01301427	-.05239935 .0058273	-.04869848 .00735866
age10_14m	-.00573628 .00283122	-.021549 .00605318	-.04567114 .01363421	-.0432705 .00607256	-.01467582 .00764632
age15_54m	.01553543 .00421956	.07897204 .00883439	.23177927 .02268573	-.06012915 .00894582	.05735669 .01123101
age0_4f	-.00797286 .00298839	-.03137703 .00637326	-.01043748 .01419371	-.07023424 .00637881	-.04458489 .00804674
age5_9f	-.00655688 .0028275	-.04804283 .0060615	-.01131691 .01354879	-.05410101 .00606388	-.03697988 .00765194
age10_14f	-.0021837 .00295518	-.02260489 .00633464	-.02317183 .01425832	-.05246755 .00634508	-.01874011 .00799615
age15_54f	-.03061269 .00479356	-.19201925 .01002924	-.15938685 .0238506	.03969738 .01015318	-.14853046 .01270136
wifedu2	.02268679 .00509778	.02872925 .01092234	-.04252635 .02453188	.0418966 .01093197	.00009985 .01378779
wifedu3	.01724147 .00465984	.0253952 .00996438	-.06132195 .02312236	.07283689 .00997586	.04593404 .01257425
wifedu4	.02948499 .00564768	.03797023 .01207785	.05368348 .02894511	.09264362 .01209872	.06672186 .01522639
wifedu5	.0549197 .0067795	.08732355 .0144794	.04357549 .03819657	.18181543 .01450056	.13597488 .01824961
wifedu6	.09820823 .02070991	.14513357 .04448645	.05405259 .11218971	.18678449 .04447416	.22315421 .05624266
wifedu7	.11348051 .01046435	.19674648 .02234224	.34566825 .06425103	.22822037 .02239263	.3127019 .02816303
husbedu2	.00681314 .00421878	.04695671 .00903432	.02142781 .01942821	.00985469 .00904898	-.01672137 .01139118
husbedu3	.02108384 .00386346	.08827487 .00825822	.02538499 .0184144	.02908453 .00827358	.03461675 .01043601
husbedu4	.0274011 .00441033	.14424952 .00941971	.0181083 .02134588	.06403393 .00943066	.09892638 .01191285
husbedu5	.04512476 .00495194	.23940121 .01053362	.04149244 .02535083	.11707543 .01056496	.23679974 .0133556

husbedu6	.03346823	.26342358	.0005666	.19655405	.202436
	.01292391	.02771186	.0707949	.02770225	.03502703
husbedu7	.07608383	.36370939	.11129945	.20342723	.45774414
	.00747107	.01587809	.04148844	.01592544	.02012812
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.63401355			
		.00454012			
lnQintox			-.76792615		
			.00325451		
lnQfuel				-.71680545	
				.00334089	
lnQmisc					.80940492
					.01248438
_cons	2.0238852	4.7612591	4.1120101	4.9572741	1.2178012
	.040964	.08073293	.15563147	.07291831	.09092379
-----					
rho	.56340558	.40524145	.28198021	.33868132	.33495018
N	29421	29973	21304	29659	29636
N_g	1362	1362	1356	1362	1362
df_m	1391	1391	1385	1391	1391
g_min	3	4	1	3	4
g_max	50	50	44	48	38
r2	.06621815	.43696849	.73981386	.62915143	.39724927
F	66.254893	739.39002	1887.8296	1598.5162	620.4836
-----					

legend: b/se

Model elcereals (cereals)

F( 8, 28029) = 16.51  
 Prob > F = 0.0000

Model elothfood (othfood)

F( 8, 28581) = 209.15  
 Prob > F = 0.0000

Model elintox (intox)

F( 8, 19918) = 27.09  
 Prob > F = 0.0000

Model elfuel (fuel)

F( 8, 28267) = 75.38  
 Prob > F = 0.0000

misc

F( 8, 28244) = 423.23  
 Prob > F = 0.0000

eQwrtYm[1,5]: Income Elasticity,means  
 eQwrtYm: cereals othfood intox fuel misc  
 Rnd49:r1 .60457285 3.1813745 5.4027281 2.0242856 .93974696

eQwrtYp50[1,5]: Income Elasticity,medians  
 eQwrtYp50: cereals othfood intox fuel misc  
 Rnd49:r1 .70627844 3.1378198 4.911721 2.2959375 .85760653

eQwrtYsd[1,5]: Income Elasticity,sd  
 eQwrtYsd: cereals othfood intox fuel misc  
 Rnd49:r1 .45868572 .40488286 2.0472781 2.3579021 .36714292

eQwrtZm[8,5]: Conditioning Variables Elasticity,means  
 eQwrtZm: cereals othfood intox fuel misc  
 Round49:lnXclothing -.0020581 -.038954 -.10655503 -.03795879 -.00378937  
 Round49:lnXfootwear -.00122706 -.01229639 -.008291 .00316196 -.00189903  
 Round49:lnXdurables -.00348752 -.01571432 -.05158044 -.0114197 -.0002304  
 Round49:lnXmededu -.16445043 -.79588307 -2.2845763 -.5330099 -.08957667  
 Round49:dum\_Xclothing -.00908812 -.75216384 -2.1127533 -.71509381 -.08541995  
 Round49:dum\_Xfootwear -.00775459 -.37195969 -.23936613 .28648112 -.07388472  
 Round49:dum\_Xdurables -.10952642 -.66425975 -1.7842736 -.49291976 -.16448241  
 Round49:dum\_Xmededu -.02375493 .08264361 .18875094 .02434044 .02555361

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians  
 eQwrtZp50: cereals othfood intox fuel misc  
 Round49:lnXclothing 0 0 0 0 0  
 Round49:lnXfootwear 0 0 0 0 0  
 Round49:lnXdurables 0 0 0 0 0  
 Round49:lnXmededu -.18220586 -1.4292339 -1.7007471 -.88912305 0  
 Round49:dum\_Xclothing -.01193746 -.94684768 -2.0051841 -.86390132 -.10975028  
 Round49:dum\_Xfootwear -.00760754 -.39105719 -.82899007 .05892775 -.10040746  
 Round49:dum\_Xdurables -.0996739 -.74235308 -1.516763 -.59123656 -.21341569  
 Round49:dum\_Xmededu 0 0 0 0 0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd  
 eQwrtZsd: cereals othfood intox fuel misc  
 Round49:lnXclothing .00560908 .0709295 .23365263 .07576486 .01618831  
 Round49:lnXfootwear .00361213 .02787822 .18531661 .03496932 .01027282  
 Round49:lnXdurables .01303336 .04323111 .21703722 .03332076 .01099644  
 Round49:lnXmededu .21022227 .72901038 4.9830062 .51197327 .30744043  
 Round49:dum\_Xclothing .07045676 .44405171 2.5281464 .51030022 .13751806  
 Round49:dum\_Xfootwear .00581525 .34837099 3.0269398 1.6374225 .14383351  
 Round49:dum\_Xdurables .0861117 .24929544 1.8656279 .43786772 .1991394  
 Round49:dum\_Xmededu .04389958 .11604187 .38492336 .25400004 .03199877

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Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	41700	5	.0785101	0.4065	10065.98	0.0000
eothfood	41700	5	.0779637	0.2881	5479.24	0.0000
eintox	41700	5	.0407095	-0.1429	554.16	0.0000
emisc	41700	5	.0553374	-0.0280	1838.05	0.0000
efuel	41700	5	.0318767	0.1568	1139.58	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.1201196	.0029093	41.29	0.000	.1144174	.1258218
ZZothfood	-.1552504	.0032447	-47.85	0.000	-.1616099	-.148891
ZZintox	.0005951	.0020378	0.29	0.770	-.0033989	.0045892
ZZfuel	.0135102	.0029006	4.66	0.000	.0078252	.0191952
ZZmisc	-.0524697	.003261	-16.09	0.000	-.0588612	-.0460782
_cons	.0059282	.0003875	15.30	0.000	.0051687	.0066877
eothfood						
ZZcereals	-.1203084	.0028891	-41.64	0.000	-.1259709	-.1146459
ZZothfood	.0983645	.0032221	30.53	0.000	.0920493	.1046796
ZZintox	.0085921	.0020236	4.25	0.000	.0046259	.0125584
ZZfuel	-.0196477	.0028804	-6.82	0.000	-.0252931	-.0140023
ZZmisc	.042612	.0032383	13.16	0.000	.036265	.0489589
_cons	-.0088195	.0003848	-22.92	0.000	-.0095737	-.0080653
eintox						
ZZcereals	.0089596	.0015086	5.94	0.000	.0060028	.0119163
ZZothfood	.0109865	.0016824	6.53	0.000	.007689	.014284
ZZintox	-.0183099	.0010567	-17.33	0.000	-.0203809	-.0162388
ZZfuel	-.0173751	.001504	-11.55	0.000	-.0203229	-.0144273
ZZmisc	.0233805	.0016909	13.83	0.000	.0200663	.0266946
_cons	.0087008	.0002009	43.30	0.000	.008307	.0090946
emisc						
ZZcereals	.0185161	.0020506	9.03	0.000	.014497	.0225353
ZZothfood	.0672677	.002287	29.41	0.000	.0627853	.0717501
ZZintox	.0062009	.0014364	4.32	0.000	.0033857	.0090161
ZZfuel	-.0020507	.0020444	-1.00	0.316	-.0060578	.0019563
ZZmisc	-.0159527	.0022985	-6.94	0.000	-.0204577	-.0114478
_cons	-.0060454	.0002731	-22.13	0.000	-.0065808	-.0055101
efuel						
ZZcereals	-.0272869	.0011813	-23.10	0.000	-.0296021	-.0249717
ZZothfood	-.0213682	.0013174	-16.22	0.000	-.0239503	-.0187862
ZZintox	.0029217	.0008274	3.53	0.000	.0013	.0045433
ZZfuel	.0255633	.0011777	21.71	0.000	.0232551	.0278716
ZZmisc	.00243	.001324	1.84	0.066	-.0001651	.0050251
_cons	.000236	.0001573	1.50	0.134	-.0000724	.0005444

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

## Symmetry

chi2( 10) = 979.10  
 Prob > chi2 = 0.0000

## Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.108187	.0028463	38.01	0.000	.1026083	.1137657
ZZothfood	-.1519295	.0018778	-80.91	0.000	-.1556099	-.1482491
ZZintox	-.001303	.0011588	-1.12	0.261	-.0035743	.0009683
ZZfuel	-.02307	.0010771	-21.42	0.000	-.0251811	-.0209589
ZZmisc	-.0123371	.0016075	-7.67	0.000	-.0154877	-.0091864
_cons	.0065229	.0003859	16.90	0.000	.0057666	.0072792
-----						
eothfood						
ZZcereals	-.1519295	.0018778	-80.91	0.000	-.1556099	-.1482491
ZZothfood	.0893559	.0025283	35.34	0.000	.0844006	.0943112
ZZintox	.0079408	.0011155	7.12	0.000	.0057544	.0101271
ZZfuel	-.0198477	.0011442	-17.35	0.000	-.0220904	-.017605
ZZmisc	.0568958	.0017451	32.60	0.000	.0534754	.0603162
_cons	-.0087025	.0003834	-22.70	0.000	-.0094539	-.007951
-----						
eintox						
ZZcereals	-.001303	.0011588	-1.12	0.261	-.0035743	.0009683
ZZothfood	.0079408	.0011155	7.12	0.000	.0057544	.0101271
ZZintox	-.0139397	.0009727	-14.33	0.000	-.0158462	-.0120333
ZZfuel	-.0015753	.0006993	-2.25	0.024	-.0029459	-.0002048
ZZmisc	.0150821	.0010433	14.46	0.000	.0130373	.0171269
_cons	.0085988	.0002003	42.92	0.000	.0082061	.0089915
-----						
emisc						
ZZcereals	-.0123371	.0016075	-7.67	0.000	-.0154877	-.0091864
ZZothfood	.0568958	.0017451	32.60	0.000	.0534754	.0603162
ZZintox	.0150821	.0010433	14.46	0.000	.0130373	.0171269
ZZfuel	.0035733	.0010585	3.38	0.001	.0014987	.005648
ZZmisc	-.0133979	.0020322	-6.59	0.000	-.017381	-.0094148
_cons	-.00612	.0002728	-22.43	0.000	-.0066547	-.0055852
-----						
efuel						
ZZcereals	-.02307	.0010771	-21.42	0.000	-.0251811	-.0209589
ZZothfood	-.0198477	.0011442	-17.35	0.000	-.0220904	-.017605
ZZintox	-.0015753	.0006993	-2.25	0.024	-.0029459	-.0002048
ZZfuel	.0255092	.0011575	22.04	0.000	.0232405	.0277779
ZZmisc	.0035733	.0010585	3.38	0.001	.0014987	.005648
_cons	.000274	.0001571	1.74	0.081	-.0000338	.0005818
-----						



```

ePPm[5,5]: Price Elasticity,means
              eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:
              cereals  othfood  intox    fuel     misc
eQwrtZm:cereals  -.41495502  -.2351521  .10844208  -.24686262  -.22403471
eQwrtZm:othfood  -.58162124  -.5129894  .50951823  -.22084388  .1787875
eQwrtZm:intox    .00086682   .0139598  -1.2633016  -.01765623  .07803646
eQwrtZm:fuel     -.0852743   -.02909939  -.00583553  -.49652192  -.0212007
eQwrtZm:misc     -.0278515   .09487869  .58826679  .03226878  -.59544427

ePPp50[5,5]: Price Elasticity,medians
              eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50:
              cereals  othfood  intox    fuel     misc
eQwrtZp50:cereals  -.51290846  -.2139187  .05017879  -.20299118  -.15339875
eQwrtZp50:othfood  -.46244392  -.52692068  .27626777  -.18051612  .12091149
eQwrtZp50:intox    -.00090557   .0124991  -1.0460935  -.01437533  .06124767
eQwrtZp50:fuel     -.06647639  -.02626068  -.00394481  -.54397431  -.0109867
eQwrtZp50:misc     -.0259462   .08596318  .31765616  .02686461  -.57707235

ePPsd[5,5]: Price Elasticity,sd
              eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd:
              cereals  othfood  intox    fuel     misc
eQwrtZsd:cereals  .44175982  .19828944  .25136019  .37731121  .2738585
eQwrtZsd:othfood  .54378453  .12950346  .97923147  .3547084  .22336416
eQwrtZsd:intox    .01680875  .0119207  .90564903  .02766139  .08016936
eQwrtZsd:fuel     .08573026  .02823857  .04572075  .41187699  .06077466
eQwrtZsd:misc     .04785232  .08526849  1.1426089  .04724546  .08211618
-----

```

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.08992421	.05022188	.00666807	-.03517728	.06821154
lnhsize	.00064045	.00085147	.00039364	.00028881	.00065916
lnXclothing	.12490765	-.05727623	-.00597446	.01679753	-.07845449
lnXfootwear	.00076372	.00101536	.0004694	.0003444	.00078603
lnXdurables	-.00323239	-.00347761	-.00126215	.00057145	.00740071
lnXmededu	.00039253	.00052186	.00024125	.00017701	.00040399
dum_Xcloth~g	-.00228185	-.00192304	-.00105093	.00033904	.00491678
dum_Xfootw~r	.00053193	.00070719	.00032693	.00023987	.00054746
dum_Xdurab~s	-.00019846	-.00384384	.00009545	.00017238	.00377447
dum_Xmededu	.00029726	.00039521	.0001827	.00013405	.00030595
age0_4m	-.00366454	.00143105	-.00169374	.00094013	.00298709
age5_9m	.00022135	.00029428	.00013605	.00009982	.00022781
age10_14m	-.02449449	-.03287251	-.01205957	.00713015	.0622964
age15_54m	.00386652	.00514046	.00237645	.0017436	.00397946
age0_4f	-.01331865	-.01931342	-.00853225	.00356749	.03759683
age5_9f	.00463604	.00616354	.00284941	.00209062	.00477147
age10_14f	.00501234	-.03725864	.0027512	.00102494	.02847016
age15_54f	.00259367	.00344824	.00159413	.00116962	.00266944
wifedu2	-.02411199	.01104166	-.00975019	.00610082	.01671969
wifedu3	.00196396	.00261105	.00120709	.00088565	.00202133
wifedu4	-.01452285	.01201328	.00016964	-.00383943	.00617936
wifedu5	.00053457	.0007107	.00032856	.00024106	.00055019
wifedu6	-.00203728	.00256997	-.00019809	-.00250945	.00217484
wifedu7	.00051233	.00068113	.00031489	.00023103	.00052729
husbedu2	.00184526	.00324844	-.00159696	-.0039927	.00049596
husbedu3	.00052913	.00070346	.00032521	.00023861	.00054458
husbedu4	-.0019863	-.00968296	.01320729	-.01150381	.00996577
husbedu5	.00074142	.00098571	.0004557	.00033435	.00076308
wifedu2	-.01362786	.01149939	-.0002294	-.0029747	.00533257
wifedu3	.00054642	.00072646	.00033584	.00024641	.00056238
wifedu4	-.00170597	.00249626	.00022768	-.00283204	.00181408
wifedu5	.0005303	.00070503	.00032594	.00023914	.0005458
wifedu6	.00107748	.00313576	-.00176973	-.00319464	.00075114
wifedu7	.00054824	.00072888	.00033696	.00024723	.00056425
husbedu2	.01103034	-.01744688	-.00489413	.00892349	.00238718
husbedu3	.00084781	.00112715	.00052108	.00038232	.00087258
husbedu4	.00355801	-.00444685	-.00063681	.00332729	-.00180164
husbedu5	.00446855	.00594086	.00274647	.00201509	.00459909
wifedu2	-.00713758	.00195939	-.00039928	-.00026803	.0058455
wifedu3	.00551492	.00733198	.00338959	.00248695	.00567601
wifedu4	.00031627	.00412293	-.00319524	-.00047113	-.00077284
wifedu5	.00294116	.00391022	.0018077	.00132631	.00302707
wifedu6	-.00703019	.00714908	-.00204014	.00238069	-.00045944
wifedu7	.00091902	.00122182	.00056485	.00041443	.00094586
husbedu2	-.00779987	.00477818	-.00258598	.0037417	.00186597
husbedu3	.00087298	.00116061	.00053655	.00039367	.00089848
husbedu4	-.01239857	-.00429809	-.00567749	.00662379	.01575036
husbedu5	.00081589	.00108471	.00050146	.00036792	.00083972
wifedu2	.00066556	-.0027043	.00256164	-.00102838	.00050548
wifedu3	.00407171	.00541327	.00250256	.00183614	.00419065
wifedu4	-.00164657	.00677317	-.00399961	-.00267941	.00155241
wifedu5	.00506687	.00673631	.00311421	.0022849	.00521488
wifedu6	-.00792931	.00654731	.00202095	-.0002832	-.00035574
wifedu7	.00237115	.0031524	.00145736	.00106927	.00244041
husbedu2	-.0054977	.00663294	.00206317	-.00091742	-.00228099

	.00075309	.00100122	.00046286	.0003396	.00077509
husbedu6	-.00935985	.00986906	.0007967	-.00042763	-.00087828
	.00076484	.00101684	.00047009	.0003449	.00078718
husbedu7	-.01788986	.01455132	-.00447436	-.00066433	.00847724
	.00069136	.00091915	.00042492	.00031177	.00071155
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.2108926	.04375682	-.00446609	.46515559	-.71533894
	.00825462	.01097437	.00507347	.00372242	.00849575
rho	.64470944	.47200447	.3060478	.51082825	.40458312
N	115354	115354	115354	115354	115354
N_g	11601	11601	11601	11601	11601
df_m	11630	11630	11630	11630	11630
g_min	2	2	2	2	2
g_max	10	10	10	10	10
r2	.36373037	.07011289	.02467723	.19152676	.21367535
F	1976.4789	260.68825	87.478606	819.06361	939.5207

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)  
 -----

F( 8,103723) = 145.21  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)  
 -----

F( 8,103723) = 28.46  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)  
 -----

F( 8,103723) = 54.74  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)  
 -----

F( 8,103723) = 25.33  
 Prob > F = 0.0000  
 -----

misc

F( 8,103723) = 223.14  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	.13055914 .0044016				
lnhsize	-.01057198 .00576627	-.12085563 .00435078	.61404613 .02401312	.09468204 .00430479	.20968445 .00412987
lnXclothing	.0278993 .00230458	.01596511 .00231933	.050118 .01396551	.01864869 .00244043	.09821078 .00246968
lnXfootwear	.0282975 .00313423	.00310488 .00315556	.05125878 .01976858	.01447966 .00332321	.06055367 .00335765
lnXdurables	.0164469 .00174361	.0069954 .00176148	.06352804 .01099919	.01037052 .00185225	.04405485 .00187498
lnXmededu	.03038112 .00128665	.01550317 .00129616	.03151031 .00805153	.02561013 .00136266	.06073303 .00138432
dum_Xcloth~g	.2084355 .02275648	.10820683 .02288567	.34570833 .13634312	.16433008 .02409317	.87338069 .02435705
dum_Xfootw~r	.19612139 .02734416	.01391619 .02752191	.33677996 .1708552	.11523041 .02898762	.47418281 .02927742
dum_Xdurab~s	.06992487 .01524987	.03163283 .01539826	.43834709 .09534633	.06123573 .01619482	.31882516 .01638403
dum_Xmededu	.18244453 .01152437	.07716438 .01156895	.25745711 .07149663	.18137957 .01218627	.46100238 .01231989
age0_4m	-.0111142 .00316989	-.01019128 .00317889	-.08250838 .01900209	-.02939894 .00333564	-.02414317 .00338072
age5_9m	-.01424057 .00301086	-.02554476 .00304391	-.0827226 .01824525	-.03005164 .00319733	-.02808728 .00324451
age10_14m	-.02366031 .00311614	-.04281187 .00314798	-.11037799 .01901868	-.0276246 .00331506	-.01946828 .00335376
age15_54m	-.02575472 .00446357	-.07346983 .00440342	.11214635 .03054079	-.05556685 .00467331	.01438765 .00472224
age0_4f	-.0086676 .0032364	-.00899018 .00324858	-.10230097 .01932291	-.02774753 .0034082	-.02977534 .00345482
age5_9f	-.01081284 .00311493	-.01666624 .00315073	-.08046321 .01880658	-.03116202 .00331118	-.02809429 .00335878
age10_14f	-.01876257 .00322241	-.03011188 .00326064	-.07652417 .01969502	-.03222999 .00342852	-.01478149 .00347434
age15_54f	.04191262 .00511469	.19503991 .00504761	-.29190349 .0328691	.07865413 .00534538	-.09103444 .00537593
wifedu2	.04942625 .02622198	.02371322 .02656773	-.07315331 .15779208	.02261208 .02796692	-.02888236 .02824776
wifedu3	.01226859 .03246833	.06193126 .03279116	-.07487777 .19097251	.03293597 .03453579	-.01311915 .03486715
wifedu4	.06374872 .0173111	.04926344 .01748705	-.07227293 .10525119	.03174895 .01838361	-.02751185 .01860342
wifedu5	.05931501 .00540631	.05002727 .00546589	-.12363282 .03286551	.03247915 .00574825	-.01526161 .00582192
wifedu6	.06588784 .00514298	.06206792 .00519196	-.13336956 .03204619	.0617221 .00546091	.00333992 .00552748
wifedu7	.15389845 .00481454	.14416055 .00484163	-.14495484 .03151953	.16174508 .00509453	.10441253 .00516495
husbedu2	.01599983 .02397882	.00844741 .02421161	.08342486 .13833682	-.03134111 .02542545	.02439057 .02574159
husbedu3	.05443959 .02984474	-.01444069 .03012427	-.05719872 .18205716	-.03389703 .03178463	-.00934769 .03203622
husbedu4	.04319885 .01401341	.01274779 .01409764	-.01565693 .08110442	-.00773845 .01486171	.01461197 .01501337
husbedu5	.02340602 .00444707	.01632135 .0044762	.0029988 .02599877	-.00736093 .00471713	.00847004 .00477084

husbedu6	.03965333	.02142054	-.06651059	-.00376554	.0187636
	.0045169	.00454521	.02686279	.00478538	.00484574
husbedu7	.10539695	.05991544	-.09282117	.04522466	.10410899
	.00406723	.00407641	.02514401	.00429631	.00438033
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		.62123024			
		.00283368			
lnQintox			-.29179047		
			.00488538		
lnQfuel				.06414767	
				.00249055	
lnQmisc					1.0793702
					.00655105
_cons	.84692027	-2.222003	1.4868841	.45161561	1.4370535
	.04702145	.04486594	.22403921	.04184791	.04012579
-----					
rho	.61645065	.49476378	.4305721	.46011528	.54015879
N	112556	115289	81781	114003	114593
N_g	11595	11601	11451	11598	11573
df_m	11624	11630	11480	11627	11602
g_min	1	1	1	1	1
g_max	10	10	10	10	10
r2	.1389257	.51023538	.0587552	.08966831	.49369062
F	542.80679	3599.687	146.27757	336.13364	3347.4392

-----  
 legend: b/se  
 -----

Model elcereals (cereals)

-----  
 F( 8,100931) = 432.33  
 Prob > F = 0.0000  
 -----

Model elothfood (othfood)

-----  
 F( 8,103658) = 124.57  
 Prob > F = 0.0000  
 -----

Model elintox (intox)

-----  
 F( 8, 70300) = 30.51  
 Prob > F = 0.0000  
 -----

Model elfuel (fuel)

-----  
 F( 8,102375) = 110.10  
 Prob > F = 0.0000  
 -----

misc

-----  
 F( 8,102990) = 972.20  
 Prob > F = 0.0000  
 -----  
 -----

eQwrtYm[1,5]: Income Elasticity,means  
 eQwrtYm: cereals othfood intox fuel misc  
 Rnd50:r1 .4509073 .69054425 1.8821896 .45248785 .82000351

eQwrtYp50[1,5]: Income Elasticity,medians  
 eQwrtYp50: cereals othfood intox fuel misc  
 Rnd50:r1 .55721042 .68330234 1.6528633 .54466754 .75479358

eQwrtYsd[1,5]: Income Elasticity,sd  
 eQwrtYsd: cereals othfood intox fuel misc  
 Rnd50:r1 .86116132 .09013657 1.0133084 1.0556369 .30172607

eQwrtZm[8,5]: Conditioning Variables Elasticity,means  
 eQwrtZm: cereals othfood intox fuel misc  
 Round50:lnXclothing -.00963241 -.0012082 -.04193137 -.00223498 -.00191134  
 Round50:lnXfootwear -.00296292 -.00179983 -.01595035 -.00135868 -.00110368  
 Round50:lnXdurables -.01133605 -.0018152 -.04597474 -.00272054 -.00397816  
 Round50:lnXmededu -.22621717 -.08249287 -1.0073889 -.04054683 -.09843949  
 Round50:dum\_Xclothing -.17435208 -.02754812 -.76735691 -.04439402 -.02514012  
 Round50:dum\_Xfootwear -.03133041 -.06094331 -.3457785 -.03534321 -.00469341  
 Round50:dum\_Xdurables -.20679185 -.0236659 -.75963181 -.06482455 -.10226162  
 Round50:dum\_Xmededu -.01327597 .00691286 .03516674 -.00689433 .0131909

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians  
 eQwrtZp50: cereals othfood intox fuel misc  
 Round50:lnXclothing 0 0 0 0 0  
 Round50:lnXfootwear 0 0 0 0 0  
 Round50:lnXdurables 0 0 0 0 0  
 Round50:lnXmededu -.25587066 -.10513895 -.79273462 -.05448639 -.1045134  
 Round50:dum\_Xclothing -.21077909 -.03151429 -.67598456 -.06132353 -.02277046  
 Round50:dum\_Xfootwear -.04103082 -.06589183 -.48750238 -.04483123 -.01130231  
 Round50:dum\_Xdurables -.22926067 -.03109435 -.59964293 -.09031632 -.13261911  
 Round50:dum\_Xmededu 0 0 0 0 0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd  
 eQwrtZsd: cereals othfood intox fuel misc  
 Round50:lnXclothing .0244782 .00219855 .11131867 .00542287 .00951448  
 Round50:lnXfootwear .00627439 .00450433 .03338064 .00330313 .00537929  
 Round50:lnXdurables .02611854 .00333438 .16210558 .00925622 .00848174  
 Round50:lnXmededu .26345 .06853975 1.7415582 .18707835 .20720086  
 Round50:dum\_Xclothing .12457154 .03743396 1.1801074 .10233426 .15180896  
 Round50:dum\_Xfootwear .03770331 .06883534 .39779977 .03363323 .11983413  
 Round50:dum\_Xdurables .23402272 .02297772 1.3120913 .17951561 .08974682  
 Round50:dum\_Xmededu .0442556 .0174866 .05785142 .05854047 .02854296

-----  
 -----

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	1.6e+05	5	.0954716	0.1165	9032.48	0.0000
eothfood	1.6e+05	5	.0937147	0.0148	2338.89	0.0000
eintox	1.6e+05	5	.0379601	0.0351	1111.02	0.0000
emisc	1.6e+05	5	.0610444	0.1268	10547.49	0.0000
efuel	1.6e+05	5	.0342453	0.0332	5308.93	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	-.0454224	.0009619	-47.22	0.000	-.0473077	-.043537
ZZothfood	-.0369664	.0012377	-29.87	0.000	-.0393922	-.0345406
ZZintox	-.0002332	.0002752	-0.85	0.397	-.0007726	.0003062
ZZfuel	.006608	.001293	5.11	0.000	.0040737	.0091423
ZZmisc	-.0612895	.0010099	-60.69	0.000	-.0632687	-.0593102
_cons	.0095842	.0002419	39.63	0.000	.0091102	.0100582
eothfood						
ZZcereals	.0270366	.0009442	28.63	0.000	.025186	.0288873
ZZothfood	.0102355	.0012149	8.42	0.000	.0078543	.0126167
ZZintox	-.0014204	.0002701	-5.26	0.000	-.0019499	-.000891
ZZfuel	-.014279	.0012692	-11.25	0.000	-.0167666	-.0117913
ZZmisc	.0325357	.0009913	32.82	0.000	.0305929	.0344786
_cons	-.0114879	.0002374	-48.39	0.000	-.0119532	-.0110226
eintox						
ZZcereals	-.001475	.0003825	-3.86	0.000	-.0022246	-.0007253
ZZothfood	.0113407	.0004921	23.05	0.000	.0103762	.0123052
ZZintox	.0009878	.0001094	9.03	0.000	.0007734	.0012023
ZZfuel	-.0095017	.0005141	-18.48	0.000	-.0105094	-.0084941
ZZmisc	.0045769	.0004015	11.40	0.000	.0037899	.0053639
_cons	.0093718	.0000962	97.46	0.000	.0091834	.0095603
emisc						
ZZcereals	.0365228	.0006151	59.38	0.000	.0353173	.0377283
ZZothfood	.0263895	.0007914	33.35	0.000	.0248385	.0279406
ZZintox	.0024034	.000176	13.66	0.000	.0020585	.0027482
ZZfuel	.0167775	.0008268	20.29	0.000	.0151571	.0183979
ZZmisc	.0200777	.0006457	31.09	0.000	.0188121	.0213432
_cons	-.0080732	.0001546	-52.20	0.000	-.0083763	-.0077701
efuel						
ZZcereals	-.0166621	.000345	-48.29	0.000	-.0173384	-.0159859
ZZothfood	-.0109994	.000444	-24.78	0.000	-.0118695	-.0101292
ZZintox	-.0017375	.0000987	-17.60	0.000	-.001931	-.0015441
ZZfuel	.0003951	.0004638	0.85	0.394	-.0005139	.0013042
ZZmisc	.0040991	.0003622	11.32	0.000	.0033892	.0048091
_cons	.000605	.0000868	6.97	0.000	.000435	.0007751

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

## Symmetry

chi2( 10) =10581.69  
 Prob > chi2 = 0.0000

## Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	-.0517162	.0008967	-57.68	0.000	-.0534737	-.0499587
ZZothfood	.0006143	.0007402	0.83	0.407	-.0008365	.002065
ZZintox	-.0008641	.0002162	-4.00	0.000	-.0012878	-.0004404
ZZfuel	-.0155555	.0003306	-47.05	0.000	-.0162035	-.0149076
ZZmisc	.011577	.0005073	22.82	0.000	.0105827	.0125714
_cons	.0111063	.0002394	46.39	0.000	.0106371	.0115756
-----						
eothfood						
ZZcereals	.0006143	.0007402	0.83	0.407	-.0008365	.002065
ZZothfood	.0215816	.0011696	18.45	0.000	.0192892	.023874
ZZintox	.0014319	.000233	6.15	0.000	.0009753	.0018885
ZZfuel	-.0114785	.0004164	-27.57	0.000	-.0122946	-.0106623
ZZmisc	.0370093	.0006086	60.81	0.000	.0358164	.0382022
_cons	-.0117352	.0002358	-49.77	0.000	-.0121974	-.0112731
-----						
eintox						
ZZcereals	-.0008641	.0002162	-4.00	0.000	-.0012878	-.0004404
ZZothfood	.0014319	.000233	6.15	0.000	.0009753	.0018885
ZZintox	.001168	.0001088	10.74	0.000	.0009548	.0013812
ZZfuel	-.0019796	.0000968	-20.45	0.000	-.0021693	-.0017898
ZZmisc	.0028258	.0001606	17.60	0.000	.0025111	.0031405
_cons	.0094958	.000095	99.95	0.000	.0093096	.009682
-----						
emisc						
ZZcereals	.011577	.0005073	22.82	0.000	.0105827	.0125714
ZZothfood	.0370093	.0006086	60.81	0.000	.0358164	.0382022
ZZintox	.0028258	.0001606	17.60	0.000	.0025111	.0031405
ZZfuel	.0073564	.0003312	22.21	0.000	.0067073	.0080055
ZZmisc	.018595	.0006432	28.91	0.000	.0173343	.0198557
_cons	-.0085117	.0001542	-55.19	0.000	-.008814	-.0082094
-----						
efuel						
ZZcereals	-.0155555	.0003306	-47.05	0.000	-.0162035	-.0149076
ZZothfood	-.0114785	.0004164	-27.57	0.000	-.0122946	-.0106623
ZZintox	-.0019796	.0000968	-20.45	0.000	-.0021693	-.0017898
ZZfuel	9.84e-06	.000463	0.02	0.983	-.0008977	.0009174
ZZmisc	.0073564	.0003312	22.21	0.000	.0067073	.0080055
_cons	.0007191	.0000866	8.31	0.000	.0005495	.0008888
-----						



ePPm[5,5]: Price Elasticity, means

	eQwrtZm: cereals	eQwrtZm: othfood	eQwrtZm: intox	eQwrtZm: fuel	eQwrtZm: misc
eQwrtZm:cereals	-1.0637449	-.00574398	.07126673	-.21155224	.04470636
eQwrtZm:othfood	.05757959	-.89092815	.23430276	-.18054935	.2085849
eQwrtZm:intox	.0003015	.0021955	-.74111762	-.0277613	.0149544
eQwrtZm:fuel	-.06224973	-.02766961	-.04413629	-.85150943	.04070049
eQwrtZm:misc	.07564826	.07800464	.17417536	.07871049	-.56434277

ePPp50[5,5]: Price Elasticity, medians

	eQwrtZp50: cereals	eQwrtZp50: othfood	eQwrtZp50: intox	eQwrtZp50: fuel	eQwrtZp50: misc
eQwrtZp50:cereals	-1.0052917	-.00389564	.03176604	-.17364693	.03771787
eQwrtZp50:othfood	.04220917	-.89561203	.11706924	-.14474404	.16408685
eQwrtZp50:intox	-.00080583	.00220818	-.76374123	-.02203256	.01217007
eQwrtZp50:fuel	-.04606947	-.02482141	-.02163631	-.85153264	.03280902
eQwrtZp50:misc	.05109084	.07010172	.08147118	.06485884	-.58964354

ePPsd[5,5]: Price Elasticity, sd

	eQwrtZsd: cereals	eQwrtZsd: othfood	eQwrtZsd: intox	eQwrtZsd: fuel	eQwrtZsd: misc
eQwrtZsd:cereals	.47352848	.01521486	.17547633	.42393587	.03806159
eQwrtZsd:othfood	.10337753	.05829801	.51429571	.41098121	.198017
eQwrtZsd:intox	.06161471	.00370064	.09996509	.06399633	.01506195
eQwrtZsd:fuel	.13769812	.03649457	.12290477	.0002659	.03731978
eQwrtZsd:misc	.20388214	.0885405	.4831326	.15042778	.11706625

---

Round 51

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.09784235	.088576	.01184153	-.03203222	.02945704
lnhsize	.00107998	.00133593	.00064828	.00046043	.00092761
lnXclothing	.0383664	-.00804426	-.00195583	-.01362338	-.01474293
lnXfootwear	.00110159	.00136266	.00066125	.00046965	.00094617
lnXdurables	-.00435525	-.00110092	-.00286588	.00030312	.00801893
lnXmededu	.00062616	.00077456	.00037587	.00026695	.00053782
dum_Xcloth~g	-.00264113	-.0003925	-.0006755	-.00017995	.00388907
dum_Xfootw~r	.00056922	.00070412	.00034169	.00024268	.00048891
dum_Xdurab~s	-.00246664	-.00136	.00026225	.00040036	.00316403
dum_Xmededu	.00041499	.00051334	.00024911	.00017693	.00035645
age0_4m	-.00453824	-.00029192	-.00143304	.00138611	.00487709
age5_9m	.00034944	.00043226	.00020976	.00014898	.00030014
age10_14m	-.03389822	-.00382797	-.02405984	.00492665	.05685937
age15_54m	.00520154	.00643428	.00312234	.0022176	.0044677
age0_4f	-.00734764	-.00894841	-.00365426	.00043493	.01951537
age5_9f	.00372093	.00460278	.00223358	.00158636	.00319598
age10_14f	-.01634124	-.00855101	.00310406	.00216021	.01962798
age15_54f	.00343114	.00424431	.00205962	.00146281	.00294707
wifedu2	-.02377213	-.0049321	-.00574932	.00906349	.02539005
wifedu3	.00266334	.00329454	.00159873	.00113547	.00228759
wifedu4	-.01755371	.01597143	.00045183	-.00383187	.00496232
wifedu5	.00093719	.00115931	.00056257	.00039956	.00080497
wifedu6	-.00214935	.00414082	.00022309	-.00299103	.00077647
wifedu7	.00087112	.00107758	.00052291	.00037139	.00074822
husbedu2	-.00072063	.00643805	-.0010326	-.00372732	-.00095751
husbedu3	.00089483	.0011069	.00053714	.0003815	.00076859
husbedu4	-.00624056	-.00549014	.01405929	-.0118895	.00956091
husbedu5	.00125942	.0015579	.000756	.00053693	.00108174
husbedu6	-.01766591	.01502679	.00150551	-.00392714	.00506075
husbedu7	.00096056	.00118821	.0005766	.00040952	.00082505
husbedu8	-.00386957	.00465052	.00079309	-.00322398	.00164994
husbedu9	.00090755	.00112263	.00054478	.00038692	.00077951
husbedu10	.00168773	.00254866	-.00055329	-.00376701	.0000839
husbedu11	.00092888	.00114902	.00055758	.00039601	.00079783
husbedu12	.00970305	-.01912679	-.00226168	.00981979	.00186563
husbedu13	.00143795	.00177873	.00086316	.00061305	.00123508
husbedu14	-.01006777	.01325806	-.00139145	.00135978	-.00315863
husbedu15	.00286191	.00354017	.00171793	.00122013	.00245815
husbedu16	-.00307335	.00280981	-.00267186	.00283968	.00009571
husbedu17	.00161958	.00200341	.00097219	.00069048	.00139109
husbedu18	-.00912866	.00530345	-.00405864	.00401617	.00386768
husbedu19	.00141999	.00175653	.00085238	.00060539	.00121966
husbedu20	-.01046803	.00260774	-.00355168	.00715667	.0042553
husbedu21	.00162375	.00200857	.00097469	.00069226	.00139467
husbedu22	-.01125811	-.00538974	-.00609067	.00976967	.01296885
husbedu23	.00201318	.00249029	.00120845	.00085829	.00172915
husbedu24	-.00843029	-.03683059	-.00830305	.01062594	.04293798
husbedu25	.00260858	.0032268	.00156586	.00111213	.00224056
husbedu26	-.0013862	.00372977	.00189831	-.00177296	-.00246892
husbedu27	.00220698	.00273002	.00132479	.00094091	.00189561
husbedu28	-.0058727	.00574403	.00022947	.00078262	-.00088342
husbedu29	.00134796	.00166742	.00080915	.00057468	.00115779
husbedu30	-.00828353	.00837929	-.00068405	-.00071827	.00130656
husbedu31	.0012327	.00152485	.00073996	.00052554	.00105879
husbedu32	-.01260499	.01212149	-.00449739	-.00024214	.00522303

	.00132569	.00163988	.00079578	.00056519	.00113866
husbedu6	-.01911023	.00921764	-.00886061	-.00052094	.01927414
	.00152846	.0018907	.00091749	.00065164	.00131282
husbedu7	-.02107148	.00113558	-.01433638	-.00144344	.03571572
	.00188905	.00233675	.00113395	.00080537	.00162254
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.3391734	-.38558481	-.05448016	.42579259	-.32490103
	.01157163	.01431406	.00694614	.00493339	.00993909
-----					
rho	.45788888	.33654896	.21882197	.36913164	.27529102
N	53183	53183	53183	53183	53183
N_g	2576	2576	2576	2576	2576
df_m	2605	2605	2605	2605	2605
g_min	4	4	4	4	4
g_max	52	52	52	52	52
r2	.35702916	.13899123	.02992946	.1346379	.17739454
F	936.14739	272.15206	52.014853	262.3018	363.56366

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)

-----  
 F( 8, 50577) = 79.80  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)

-----  
 F( 8, 50577) = 6.55  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)

-----  
 F( 8, 50577) = 27.40  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)

-----  
 F( 8, 50577) = 18.74  
 Prob > F = 0.0000  
 -----

misc

F( 8, 50577) = 177.46  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.05135109 .00278618				
lnhsize	.03375556 .00376103	.36416456 .00598032	.27986145 .01315227	.12361721 .00634875	.33373996 .00650662
lnXclothing	.01890044 .00148648	.09785066 .00309184	.06705172 .00749754	.02005576 .00347471	.12292449 .00373575
lnXfootwear	.01077074 .00136885	.05525121 .00283294	.06507796 .00695758	.01694933 .00319061	.06175487 .00340509
lnXdurables	.00297008 .00098836	.03452785 .00206759	.04063333 .00498858	.0131021 .00232065	.04441583 .00248328
lnXmededu	.00822294 .00082899	.04914223 .00173003	.03523112 .00422359	.0266038 .00194069	.07215847 .00207721
dum_Xcloth~g	.15602208 .0123578	.75121466 .02573887	.49763815 .06168073	.17006014 .02892675	.94065015 .03107606
dum_Xfootw~r	.06111434 .0089374	.26933174 .01855588	.37590388 .04517099	.10145424 .0208754	.3365994 .02229927
dum_Xdurab~s	.02347262 .00819112	.2304311 .0171215	.31698837 .04125663	.07719421 .01922257	.36121314 .02055195
dum_Xmededu	.03893795 .00634401	.26461078 .01324928	.24566744 .03189402	.14201718 .01487342	.47367546 .01588905
age0_4m	-.00049729 .00225221	-.00230298 .00468937	-.00617811 .01110811	-.02624301 .00525965	-.01215226 .00562832
age5_9m	-.00238124 .00207664	-.02609697 .00435754	-.0257917 .01033312	-.03169942 .00488552	-.02364121 .00523418
age10_14m	-.00705251 .00213879	-.00810751 .00448026	-.02168093 .01067331	-.0346623 .00503367	-.01723015 .00538233
age15_54m	.01591983 .00307786	.12594696 .00629538	.21404816 .0171059	-.07001063 .00711511	.05811551 .00759623
age0_4f	-.00081741 .00230803	-.00749056 .00480574	.01299602 .01136857	-.02664087 .00538783	-.00841883 .00576876
age5_9f	-.00591054 .00216325	-.02826837 .00453851	-.02134274 .01070646	-.02870849 .00509076	-.02194653 .00545279
age10_14f	.00082255 .00221518	-.01204378 .00464938	-.02051129 .01104427	-.03420657 .00521542	-.01159079 .00558504
age15_54f	-.02925069 .00351901	-.2042275 .0071998	-.11091843 .01824018	.06671929 .00813278	-.081165 .0086352
wifedu2	.00185773 .00681731	.04795865 .0143159	.05344393 .03320971	.03627146 .01605595	-.00688924 .01721533
wifedu3	.01293069 .00386286	.00665672 .00810294	-.0174956 .01922741	.03351491 .00909081	-.01918973 .00974169
wifedu4	.01030785 .00339692	.02069568 .00710568	-.00209567 .0173605	.07537378 .0079782	.02300665 .00853922
wifedu5	.02696643 .00389074	.0169043 .00812493	.0179948 .02048215	.11373308 .00912833	.02447948 .00976227
wifedu6	.04561836 .0048277	.05356162 .0100707	.12847194 .02785129	.21240649 .0113102	.08987653 .01210852
wifedu7	.07665298 .00623356	.10681039 .01301893	.2517227 .03852404	.23605252 .01462004	.28970037 .01565323
husbedu2	.01393103 .00529192	.04341294 .0110427	-.0084872 .02465243	-.0096038 .01240707	.00997783 .01326971
husbedu3	.00974494 .00322973	.05506094 .00674242	.01105412 .0153528	-.01654926 .00757227	.01112355 .00810589
husbedu4	.01162728 .00295954	.07407906 .00616138	.00344854 .01442225	-.01889562 .0069294	.04214752 .00741424
husbedu5	.01663296 .00318779	.11187574 .0066197	.03031153 .01590381	.01400784 .00745406	.07225016 .00796901

husbedu6	.03428501	.18040076	.05322428	.08961889	.18437542
	.00366654	.00760663	.01934847	.0085665	.00917487
husbedu7	.05085209	.25500137	.0549417	.15980158	.30804156
	.00452118	.00937093	.02494556	.01054961	.01131949
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.64029227			
		.00349871			
lnQintox			-.77215577		
			.00249558		
lnQfuel				.04586404	
				.00305412	
lnQmisc					.62383616
					.00891435
_cons	1.9352346	4.6746911	4.3519141	.60902516	2.3768814
	.02460787	.04572009	.07914631	.04161973	.04071103
-----					
rho	.58136402	.36517497	.33259597	.24713379	.35141388
N	52016	53143	36744	52713	53003
N_g	2576	2576	2564	2576	2575
df_m	2605	2605	2593	2605	2604
g_min	2	4	1	2	4
g_max	48	52	47	49	52
r2	.05427707	.45233955	.74022666	.10879685	.41883469
F	94.524865	1391.366	3243.6919	203.89977	1210.6957
-----					

legend: b/se

Model elcereals (cereals)

F( 8, 49410) = 84.59  
 Prob > F = 0.0000

Model elothfood (othfood)

F( 8, 50537) = 710.46  
 Prob > F = 0.0000

Model elintox (intox)

F( 8, 34150) = 71.34  
 Prob > F = 0.0000

Model elfuel (fuel)

F( 8, 50107) = 73.15  
 Prob > F = 0.0000

misc

F( 8, 50398) = 633.99  
 Prob > F = 0.0000

eQwrtYm[1,5]: Income Elasticity,means  
 eQwrtYm: cereals othfood intox fuel misc  
 Rnd51:r1 .54209064 3.3216436 6.5958466 .43536056 .85904261

eQwrtYp50[1,5]: Income Elasticity,medians  
 eQwrtYp50: cereals othfood intox fuel misc  
 Rnd51:r1 .64491272 3.2778702 5.6481919 .55444056 .81014371

eQwrtYsd[1,5]: Income Elasticity,sd  
 eQwrtYsd: cereals othfood intox fuel misc  
 Rnd51:r1 .43285741 .19658214 3.7936473 1.6029933 .23403514

eQwrtZm[8,5]: Conditioning Variables Elasticity,means  
 eQwrtZm: cereals othfood intox fuel misc  
 Round51:lnXclothing -.01607701 -.09820695 -.26158232 -.01225006 -.00235875  
 Round51:lnXfootwear -.00882846 -.05415077 -.069892 -.00278076 -.00049802  
 Round51:lnXdurables -.01382422 -.05579667 -.1828619 -.00147838 -.00204991  
 Round51:lnXmededu -.26249122 -1.589733 -5.2037774 -.06290914 -.10269899  
 Round51:dum\_Xclothing -.03735765 -.29845486 -.84744357 -.03350668 -.02395041  
 Round51:dum\_Xfootwear -.04945452 -.33143726 -.36383902 -.02034631 -.02968868  
 Round51:dum\_Xdurables -.09477126 -.45711461 -1.2216077 .00882949 -.0469713  
 Round51:dum\_Xmededu -.0204074 .02709314 .02391273 -.00945473 .01353126

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians  
 eQwrtZp50: cereals othfood intox fuel misc  
 Round51:lnXclothing -.0189828 -.15530333 -.3236174 -.01791898 0  
 Round51:lnXfootwear -.00850257 -.1007604 -.05044045 0 0  
 Round51:lnXdurables 0 0 0 0 0  
 Round51:lnXmededu -.28190185 -2.1053523 -4.0902777 -.08585387 -.11215841  
 Round51:dum\_Xclothing 0 0 0 0 0  
 Round51:dum\_Xfootwear 0 0 0 0 0  
 Round51:dum\_Xdurables -.10123489 -.75812751 -1.3111539 0 0  
 Round51:dum\_Xmededu 0 0 0 0 0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd  
 eQwrtZsd: cereals othfood intox fuel misc  
 Round51:lnXclothing .01512888 .07521446 .24529372 .01254306 .02637401  
 Round51:lnXfootwear .01125455 .0515828 .08473224 .01831384 .01712095  
 Round51:lnXdurables .02101642 .06781617 .35845284 .01206148 .02447882  
 Round51:lnXmededu .19255917 .90734122 7.7500931 .22221904 .32527733  
 Round51:dum\_Xclothing .05336761 .38996481 1.4192281 .04463175 .08568474  
 Round51:dum\_Xfootwear .07369353 .34845401 .85619504 .05042745 .1176107  
 Round51:dum\_Xdurables .11265782 .37622132 1.7749651 .44683252 .16146712  
 Round51:dum\_Xmededu .05664521 .05275152 .06732856 .08882053 .03634217

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Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	72156	5	.073398	0.3605	13634.93	0.0000
eothfood	72156	5	.0786836	0.2681	7514.05	0.0000
eintox	72156	5	.042929	-0.0784	655.70	0.0000
emisc	72156	5	.0521659	0.0848	1367.99	0.0000
efuel	72156	5	.0333167	0.0567	1845.41	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.103845	.0021893	47.43	0.000	.099554	.108136
ZZothfood	-.1333753	.0022111	-60.32	0.000	-.1377089	-.1290417
ZZintox	.0093753	.0012704	7.38	0.000	.0068854	.0118652
ZZfuel	-.011341	.0022119	-5.13	0.000	-.0156763	-.0070056
ZZmisc	-.0643234	.0020828	-30.88	0.000	-.0684057	-.0602411
_cons	.0067596	.0002758	24.51	0.000	.006219	.0073002
eothfood						
ZZcereals	-.0892363	.002347	-38.02	0.000	-.0938364	-.0846363
ZZothfood	.1282626	.0023703	54.11	0.000	.1236169	.1329084
ZZintox	.0153048	.0013619	11.24	0.000	.0126356	.017974
ZZfuel	.0107668	.0023712	4.54	0.000	.0061193	.0154143
ZZmisc	.002979	.0022328	1.33	0.182	-.0013972	.0073553
_cons	-.011402	.0002957	-38.56	0.000	-.0119816	-.0108225
eintox						
ZZcereals	.0086557	.0012805	6.76	0.000	.006146	.0111654
ZZothfood	.0103066	.0012932	7.97	0.000	.007772	.0128413
ZZintox	-.0099475	.000743	-13.39	0.000	-.0114038	-.0084912
ZZfuel	-.0126445	.0012937	-9.77	0.000	-.0151801	-.0101088
ZZmisc	.0183165	.0012182	15.04	0.000	.0159288	.0207041
_cons	.0102805	.0001613	63.72	0.000	.0099643	.0105967
emisc						
ZZcereals	-.0047848	.001556	-3.08	0.002	-.0078345	-.001735
ZZothfood	.027513	.0015715	17.51	0.000	.024433	.030593
ZZintox	-.0143933	.0009029	-15.94	0.000	-.016163	-.0126237
ZZfuel	.019576	.0015721	12.45	0.000	.0164947	.0226572
ZZmisc	.0197913	.0014803	13.37	0.000	.0168899	.0226927
_cons	-.0060997	.000196	-31.11	0.000	-.0064839	-.0057155
efuel						
ZZcereals	-.0184796	.0009938	-18.60	0.000	-.0204274	-.0165319
ZZothfood	-.0327069	.0010036	-32.59	0.000	-.0346741	-.0307398
ZZintox	-.0003393	.0005766	-0.59	0.556	-.0014695	.0007909
ZZfuel	-.0063573	.001004	-6.33	0.000	-.0083252	-.0043895
ZZmisc	.0232367	.0009454	24.58	0.000	.0213837	.0250897
_cons	.0004617	.0001252	3.69	0.000	.0002163	.0007071

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

## Symmetry

chi2( 10) = 1914.11  
 Prob > chi2 = 0.0000

## Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.1018608	.0021513	47.35	0.000	.0976443	.1060773
ZZothfood	-.1267319	.0014816	-85.54	0.000	-.1296358	-.123828
ZZintox	-.0001002	.0008613	-0.12	0.907	-.0017883	.0015878
ZZfuel	-.019553	.0009014	-21.69	0.000	-.0213197	-.0177862
ZZmisc	-.0346136	.0011742	-29.48	0.000	-.036915	-.0323121
_cons	.0074276	.0002746	27.04	0.000	.0068893	.0079659
-----						
eothfood						
ZZcereals	-.1267319	.0014816	-85.54	0.000	-.1296358	-.123828
ZZothfood	.1228925	.0020317	60.49	0.000	.1189105	.1268746
ZZintox	.0179784	.000863	20.83	0.000	.0162869	.0196698
ZZfuel	-.0258384	.0008854	-29.18	0.000	-.0275738	-.024103
ZZmisc	.0199069	.0012425	16.02	0.000	.0174717	.0223422
_cons	-.0114469	.0002946	-38.86	0.000	-.0120243	-.0108695
-----						
eintox						
ZZcereals	-.0001002	.0008613	-0.12	0.907	-.0017883	.0015878
ZZothfood	.0179784	.000863	20.83	0.000	.0162869	.0196698
ZZintox	-.0045283	.0006871	-6.59	0.000	-.0058751	-.0031816
ZZfuel	-.0024963	.0005153	-4.84	0.000	-.0035062	-.0014863
ZZmisc	-.0007939	.0006909	-1.15	0.251	-.002148	.0005602
_cons	.0100314	.0001607	62.42	0.000	.0097164	.0103464
-----						
emisc						
ZZcereals	-.0346136	.0011742	-29.48	0.000	-.036915	-.0323121
ZZothfood	.0199069	.0012425	16.02	0.000	.0174717	.0223422
ZZintox	-.0007939	.0006909	-1.15	0.251	-.002148	.0005602
ZZfuel	.0214815	.0007895	27.21	0.000	.0199342	.0230288
ZZmisc	.0154762	.0013454	11.50	0.000	.0128391	.0181132
_cons	-.0063837	.0001957	-32.61	0.000	-.0067674	-.0060001
-----						
efuel						
ZZcereals	-.019553	.0009014	-21.69	0.000	-.0213197	-.0177862
ZZothfood	-.0258384	.0008854	-29.18	0.000	-.0275738	-.024103
ZZintox	-.0024963	.0005153	-4.84	0.000	-.0035062	-.0014863
ZZfuel	-.0064896	.0009964	-6.51	0.000	-.0084426	-.0045367
ZZmisc	.0214815	.0007895	27.21	0.000	.0199342	.0230288
_cons	.0005266	.000125	4.21	0.000	.0002816	.0007717
-----						



ePPm[5,5]: Price Elasticity, means

	eQwrtZm: cereals	eQwrtZm: othfood	eQwrtZm: intox	eQwrtZm: fuel	eQwrtZm: misc
eQwrtZm:cereals	-.48086008	-.25324717	.02910633	-.32712528	-.44283914
eQwrtZm:othfood	-.60628844	-.66366016	.770266	-.43342285	.19129669
eQwrtZm:intox	.00037926	.03611279	-1.1146788	-.04183162	-.01400186
eQwrtZm:fuel	-.09354025	-.05157313	-.08987925	-1.0888149	.24835319
eQwrtZm:misc	-.16551797	.04014597	-.0176078	.35744518	-.71289102

ePPp50[5,5]: Price Elasticity, medians

	eQwrtZp50: cereals	eQwrtZp50: othfood	eQwrtZp50: intox	eQwrtZp50: fuel	eQwrtZp50: misc
eQwrtZp50:cereals	-.58052453	-.23284823	.01470187	-.25245875	-.35026854
eQwrtZp50:othfood	-.48486362	-.68355894	.44047689	-.33408615	.15021619
eQwrtZp50:intox	.00002271	.03318171	-1.0372981	-.03223953	-.0099214
eQwrtZp50:fuel	-.07468789	-.04741595	-.05115264	-1.0640793	.19813168
eQwrtZp50:misc	-.13289883	.03690274	-.01076777	.27566978	-.75004154

ePPsd[5,5]: Price Elasticity, sd

	eQwrtZsd: cereals	eQwrtZsd: othfood	eQwrtZsd: intox	eQwrtZsd: fuel	eQwrtZsd: misc
eQwrtZsd:cereals	.41956256	.09164371	.05394782	1.0034542	.43293219
eQwrtZsd:othfood	.51187271	.08936305	1.3225222	1.336829	.19088277
eQwrtZsd:intox	.00199293	.01313631	.30976796	.1286203	.02066562
eQwrtZsd:fuel	.07954594	.01868348	.15515171	.33297657	.23726559
eQwrtZsd:misc	.13668982	.01459947	.0375524	1.0984724	.1778053

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Round 52

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.09684372	.09634093	.01075764	-.03714549	.02689065
lnhsize	.00104236	.00133962	.00060954	.00046013	.00095047
lnXclothing	.03603179	-.00446138	-.0009385	-.01694639	-.01368553
lnXfootwear	.00112656	.00144783	.00065878	.0004973	.00102724
lnXdurables	-.00220966	-.01192146	-.00334236	.00291868	.01455481
lnXmededu	.00060223	.00077398	.00035217	.00026584	.00054914
dum_Xcloth~g	.00044322	-.00845357	-.00147739	.00174189	.00774585
dum_Xfootw~r	.00054184	.00069637	.00031686	.00023919	.00049408
dum_Xdurab~s	-.00187965	-.00415507	.00008389	.00107054	.00488029
dum_Xmededu	.00040227	.000517	.00023524	.00017758	.00036681
age0_4m	-.00366829	-.00164891	-.00153265	.00090583	.00594403
age5_9m	.00033409	.00042937	.00019537	.00014748	.00030464
age10_14m	-.01905222	-.10644099	-.02741314	.03130856	.12159779
age15_54m	.00496597	.0063822	.00290397	.00219214	.00452818
age0_4f	.00777516	-.07397717	-.00923385	.01667516	.05876071
age5_9f	.00351648	.00451933	.00205634	.00155228	.00320647
age10_14f	-.01363578	-.03344331	-.0004666	.00868641	.03885929
age15_54f	.00345713	.00444306	.00202164	.00152609	.00315236
wifedu2	-.01781267	-.01554449	-.00698242	.00648557	.03385402
wifedu3	.00259741	.00333816	.0015189	.00114658	.00236843
wifedu4	-.01377384	.01258353	-.00018229	-.00241911	.0037917
wifedu5	.00094143	.00120991	.00055052	.00041558	.00085844
wifedu6	-.00352121	.00534849	.0003044	-.00238678	.0002551
wifedu7	.00088324	.00113513	.0005165	.00038989	.00080538
husbedu2	.00139012	.00358613	-.00103519	-.00296377	-.00097729
husbedu3	.00090543	.00116364	.00052947	.00039968	.00082561
husbedu4	-.00160121	-.00982894	.01209729	-.01089238	.01022524
husbedu5	.00129771	.0016678	.00075887	.00057285	.00118331
husbedu6	-.01506863	.01083895	.00082302	-.00294843	.0063551
husbedu7	.0009585	.00123185	.00056051	.00042311	.000874
husbedu8	-.00215595	.00314442	.00045269	-.00219453	.00075336
husbedu9	.00091539	.00117645	.0005353	.00040408	.00083469
husbedu10	.00035808	.00362326	-.0009188	-.00283881	-.00022373
husbedu11	.00094504	.00121456	.00055264	.00041717	.00086173
husbedu12	.00982798	-.01379217	-.00331312	.00792937	-.00065206
husbedu13	.00148594	.00190972	.00086894	.00065594	.00135495
husbedu14	-.00307239	.00735009	-.00549907	.00186311	-.00064173
husbedu15	.00334717	.00430174	.00195734	.00147755	.00305209
husbedu16	-.00551321	.00597403	-.00134286	.00186451	-.00098247
husbedu17	.00170972	.00219731	.0009998	.00075473	.001559
husbedu18	-.00763457	.00783926	-.00442666	.00403869	.00018328
husbedu19	.0014676	.00188613	.00085821	.00064784	.00133822
husbedu20	-.01095458	.00552516	-.00363793	.0061843	.00288306
husbedu21	.0016584	.00213135	.00096979	.00073207	.0015122
husbedu22	-.00720002	-.00792608	-.00690913	.00871612	.01331911
husbedu23	.00210757	.00270862	.00123245	.00093035	.00192177
husbedu24	-.00748505	-.02950514	-.00696639	.00850654	.03545004
husbedu25	.00235796	.00303042	.00137888	.00104088	.00215009
husbedu26	-.00228076	.00428303	.00190284	-.0028372	-.00106791
husbedu27	.00270314	.00347404	.00158073	.00119325	.00246484
husbedu28	-.00364011	.00360412	.00080177	-.0002621	-.00050367
husbedu29	.00144602	.0018584	.00084559	.00063832	.00131854
husbedu30	-.00830893	.00843305	-.00087451	-.00024327	.00099366
husbedu31	.00125322	.00161062	.00073285	.00055321	.00114274
husbedu32	-.01183879	.0078264	-.00361766	.00096055	.0066695

	.00137524	.00176744	.00080421	.00060708	.001254
husbedu6	-.01629956	.00832095	-.00706519	.00062953	.01441428
	.00162209	.00208469	.00094856	.00071604	.00147909
husbedu7	-.01879225	-.00802075	-.0101779	-.000127	.03711789
	.00181092	.00232737	.00105898	.0007994	.00165127
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.2834988	-.29542654	-.03370777	.44919715	-.40356168
	.01172824	.01507297	.00685837	.00517721	.0106943
rho	.45541387	.26743995	.15047982	.26910182	.22506863
N	48563	48563	48563	48563	48563
N_g	2192	2192	2192	2192	2192
df_m	2221	2221	2221	2221	2221
g_min	4	4	4	4	4
g_max	52	52	52	52	52
r2	.34430085	.17736515	.02998792	.21497386	.20189787
F	811.106	333.04686	47.754387	423.00517	390.76658

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)

-----  
 F( 8, 46341) = 42.20  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)

-----  
 F( 8, 46341) = 241.84  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)

-----  
 F( 8, 46341) = 45.17  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)

-----  
 F( 8, 46341) = 229.91  
 Prob > F = 0.0000  
 -----

misc

F( 8, 46341) = 434.31  
 Prob > F = 0.0000  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.05739274 .00302476				
lnhsize	.04955407 .00411628	.34474593 .00626264	.28720886 .01461136	.12327959 .00644822	.35968201 .00678313
lnXclothing	.0118376 .00156434	.03694999 .00314193	-.01853426 .00783167	.01543458 .00335735	.10830834 .00369454
lnXfootwear	.0060416 .00141349	.02278909 .0028375	-.00581749 .00710059	.00923591 .00303032	.05480775 .00331227
lnXdurables	.00226745 .00103753	.01823591 .00210144	.02801487 .0052408	.01273023 .00223853	.04518178 .0024514
lnXmededu	.00879083 .00086195	.04028043 .00173422	.01917769 .00436671	.02110696 .00185229	.06681732 .00202592
dum_Xcloth~g	.08625657 .01289537	.2361045 .02596494	-.24979194 .06393987	.12837725 .02771701	.83554978 .03050716
dum_Xfootw~r	.02501713 .0091555	.05652109 .01848247	-.18417072 .04529175	.06542644 .01966547	.31505568 .02150143
dum_Xdurab~s	.01552912 .00893679	.11843815 .01808214	.19457531 .04492696	.07278891 .01926458	.3999215 .02107827
dum_Xmededu	.04545573 .00671254	.19415608 .01354434	.11064841 .03346083	.10284093 .01445239	.4353913 .01578866
age0_4m	-.00552364 .00243877	-.0105457 .00492835	-.03926811 .01198709	-.03675978 .00524002	-.01741371 .00573903
age5_9m	-.00730686 .00227665	-.03114657 .00461949	-.03404005 .01124458	-.027693 .00491818	-.02757499 .00539062
age10_14m	-.00900702 .00233907	-.0140304 .00474241	-.03875782 .01164125	-.03932225 .00505356	-.0237497 .00552898
age15_54m	.01663091 .00343287	.09788155 .00679166	.14910355 .01920794	-.05427419 .00729455	.05580871 .00795163
age0_4f	-.0086809 .00248495	-.02078969 .00501628	-.0332194 .01208831	-.0366124 .0053314	-.01958328 .00583592
age5_9f	-.00545171 .00235909	-.02741612 .00479023	-.02345843 .01161988	-.03107292 .00509481	-.02601323 .00558737
age10_14f	-.0120295 .00243721	-.02173184 .0049485	-.04140302 .01208753	-.03834483 .00526754	-.0261797 .00576612
age15_54f	-.02390228 .00393784	-.19855582 .00778822	-.10364061 .02054313	.06819598 .00835208	-.09897224 .00906683
wifedu2	.01568305 .00863086	.03418717 .0175193	-.00613094 .0419037	.01055162 .01866499	.02225808 .02048279
wifedu3	.01808368 .0044106	.0102164 .00895555	.02961786 .02174863	.02322254 .0095261	-.03053912 .01043376
wifedu4	.0173674 .00379163	.01085914 .00768425	-.04174756 .01940935	.07640251 .0081846	-.02117519 .00896553
wifedu5	.02417828 .00429126	.02109873 .00868531	-.0146256 .02250769	.13499427 .00924979	.01643117 .01013044
wifedu6	.04976484 .00545132	.05270013 .01102899	.08331674 .03240917	.1955718 .01174351	.10400614 .01285427
wifedu7	.09343304 .00609318	.13280826 .01230089	.24816021 .03647831	.22392194 .01310088	.25115875 .01434428
husbedu2	.01798436 .0069928	.09043267 .01414361	.07561126 .03229933	.0194368 .01506922	.0458039 .01651494
husbedu3	.00971758 .00374145	.03548093 .0075698	-.02047891 .01760166	-.00989095 .00806637	.00589441 .00882691
husbedu4	.00554466 .0032485	.06880996 .00655692	.00677528 .015728	-.00617323 .00698901	.03885084 .00765316
husbedu5	.01214167 .00356198	.10392684 .00718766	.00998598 .01775002	.03033289 .00766836	.08196112 .00839588

husbedu6	.02697767	.16045079	.0972638	.09579763	.16221785
	.00419454	.00845957	.02238131	.00901696	.0098922
husbedu7	.04815574	.23455827	.1493715	.13428072	.29816879
	.00469259	.00939734	.02569521	.01003326	.01100758
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.59061219			
		.00346207			
lnQintox			-.7822113		
			.00259287		
lnQfuel				.035946	
				.0030965	
lnQmisc					.62647405
					.00952396
_cons	2.1217056	5.125704	5.9745401	.87420103	2.6683298
	.0260045	.04762395	.07421456	.03788426	.03729664
-----					
rho	.54886638	.32990049	.2832507	.25367183	.34429238
N	47569	48519	33053	48160	48398
N_g	2192	2192	2186	2192	2192
df_m	2221	2221	2215	2221	2221
g_min	4	4	1	4	4
g_max	51	52	45	52	52
r2	.05316181	.43403181	.74893668	.1033672	.41275599
F	84.869435	1183.4806	3066.2863	176.53018	1081.857
-----					

legend: b/se

Model elcereals (cereals)

F( 8, 45347) = 65.35  
 Prob > F = 0.0000

Model elothfood (othfood)

F( 8, 46297) = 405.57  
 Prob > F = 0.0000

Model elintox (intox)

F( 8, 30837) = 79.52  
 Prob > F = 0.0000

Model elfuel (fuel)

F( 8, 45938) = 58.86  
 Prob > F = 0.0000

misc

F( 8, 46176) = 597.91  
 Prob > F = 0.0000

eQwrtYm[1,5]: Income Elasticity, means

	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:
	cereals	othfood	intox	fuel	misc
Rnd52:r1	.51648137	2.9647325	6.9418679	.37693061	.81102276

eQwrtYp50[1,5]: Income Elasticity, medians

	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:
	cereals	othfood	intox	fuel	misc
Rnd52:r1	.63440675	2.9181244	5.9227972	.50497055	.77311248

eQwrtYsd[1,5]: Income Elasticity, sd

	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:
	cereals	othfood	intox	fuel	misc
Rnd52:r1	.56019742	.90881906	3.791567	1.5903532	.19069772

eQwrtZm[8,5]: Conditioning Variables Elasticity, means

	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:
	cereals	othfood	intox	fuel	misc
Round52:lnXclothing	-.00253828	-.06554218	-.19384205	.01380692	.01605179
Round52:lnXfootwear	-.00739864	-.03591086	-.06147562	.003526	.00406245
Round52:lnXdurables	-.01291596	-.04427444	-.19264091	-.00265709	.00070422
Round52:lnXmededu	-.14919312	-.83886907	-3.7609973	.27751154	.2367361
Round52:dum_Xclothing	.00545782	-.19338459	-.41372104	.05420961	.07262011
Round52:dum_Xfootwear	-.03982904	-.21829185	-.44523575	.02249625	.01851995
Round52:dum_Xdurables	-.08436741	-.32829333	-1.1083071	.00308944	-.01074524
Round52:dum_Xmededu	-.01684717	.02579733	.03916864	-.00046712	.01124993

eQwrtZp50[8,5]: Conditioning Variables Elasticity, medians

	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:
	cereals	othfood	intox	fuel	misc
Round52:lnXclothing	-.00335418	-.09031459	-.07667542	.0083235	0
Round52:lnXfootwear	-.00706032	-.05944567	-.09210885	0	0
Round52:lnXdurables	0	0	0	0	0
Round52:lnXmededu	-.15924369	-1.0413837	-1.2310694	.20414134	0
Round52:dum_Xclothing	0	0	0	0	0
Round52:dum_Xfootwear	0	0	0	0	0
Round52:dum_Xdurables	-.09326294	-.53584576	-.79320988	0	0
Round52:dum_Xmededu	0	0	0	0	0

eQwrtZsd[8,5]: Conditioning Variables Elasticity, sd

	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:
	cereals	othfood	intox	fuel	misc
Round52:lnXclothing	.00276917	.09231632	.43810997	.07156558	.0427862
Round52:lnXfootwear	.01064497	.05044715	.05863432	.04215258	.02160103
Round52:lnXdurables	.02022467	.05489107	.42420347	.00929627	.02332133
Round52:lnXmededu	.12964691	1.1108872	8.904327	1.2361787	.60027268
Round52:dum_Xclothing	.02760017	.28040084	2.0388641	.23216041	.29252656
Round52:dum_Xfootwear	.06731015	.24628939	.51163048	.14808745	.21737369
Round52:dum_Xdurables	.10744823	.27709275	2.0642101	.27050823	.20016357
Round52:dum_Xmededu	.04925571	.04707406	.07082147	.04195069	.02714957

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Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	65140	5	.07442	0.3732	13419.59	0.0000
eothfood	65140	5	.0793638	0.1947	6135.26	0.0000
eintox	65140	5	.0415833	-0.1946	919.21	0.0000
emisc	65140	5	.0539274	0.0058	2376.53	0.0000
efuel	65140	5	.0288479	0.0333	1421.58	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.1168533	.0022735	51.40	0.000	.1123973	.1213093
ZZothfood	-.1389087	.0027151	-51.16	0.000	-.1442302	-.1335873
ZZintox	-.0024785	.0015243	-1.63	0.104	-.0054661	.0005092
ZZfuel	-.013458	.0026993	-4.99	0.000	-.0187487	-.0081674
ZZmisc	-.0560349	.002539	-22.07	0.000	-.0610112	-.0510585
_cons	.0076341	.0002959	25.80	0.000	.0070541	.0082141
eothfood						
ZZcereals	-.0930139	.0024246	-38.36	0.000	-.097766	-.0882619
ZZothfood	.0757368	.0028954	26.16	0.000	.0700618	.0814117
ZZintox	.0222677	.0016256	13.70	0.000	.0190816	.0254538
ZZfuel	-.0049054	.0028787	-1.70	0.088	-.0105475	.0007367
ZZmisc	.0429582	.0027077	15.87	0.000	.0376512	.0482651
_cons	-.0102411	.0003156	-32.45	0.000	-.0108596	-.0096226
eintox						
ZZcereals	.005835	.0012704	4.59	0.000	.0033452	.0083249
ZZothfood	.0200992	.0015171	13.25	0.000	.0171257	.0230726
ZZintox	-.0211624	.0008517	-24.85	0.000	-.0228318	-.019493
ZZfuel	-.0128567	.0015083	-8.52	0.000	-.015813	-.0099005
ZZmisc	.0156785	.0014187	11.05	0.000	.0128979	.0184591
_cons	.00963	.0001653	58.24	0.000	.0093059	.009954
emisc						
ZZcereals	-.0036196	.0016475	-2.20	0.028	-.0068486	-.0003906
ZZothfood	.0567279	.0019674	28.83	0.000	.0528718	.060584
ZZintox	.0023865	.0011046	2.16	0.031	.0002216	.0045515
ZZfuel	.0381384	.001956	19.50	0.000	.0343046	.0419722
ZZmisc	-.0090569	.0018399	-4.92	0.000	-.012663	-.0054509
_cons	-.0066957	.0002144	-31.23	0.000	-.007116	-.0062755
efuel						
ZZcereals	-.0260548	.0008813	-29.56	0.000	-.0277821	-.0243275
ZZothfood	-.0136551	.0010525	-12.97	0.000	-.0157179	-.0115923
ZZintox	-.0010134	.0005909	-1.72	0.086	-.0021715	.0001447
ZZfuel	-.0069182	.0010464	-6.61	0.000	-.008969	-.0048674
ZZmisc	.0064551	.0009842	6.56	0.000	.0045261	.0083842
_cons	-.0003272	.0001147	-2.85	0.004	-.0005521	-.0001024

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

## Symmetry

chi2( 10) = 1353.09  
 Prob > chi2 = 0.0000

## Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.1135505	.0022267	50.99	0.000	.1091861	.1179148
ZZothfood	-.1340566	.0016224	-82.63	0.000	-.1372364	-.1308768
ZZintox	-.0061854	.0009305	-6.65	0.000	-.0080093	-.0043616
ZZfuel	-.0265359	.0008344	-31.80	0.000	-.0281713	-.0249005
ZZmisc	-.0281137	.0012595	-22.32	0.000	-.0305822	-.0256452
_cons	.0083354	.0002937	28.38	0.000	.0077597	.008911
-----						
eothfood						
ZZcereals	-.1340566	.0016224	-82.63	0.000	-.1372364	-.1308768
ZZothfood	.0730911	.0024116	30.31	0.000	.0683644	.0778178
ZZintox	.0240188	.0010011	23.99	0.000	.0220568	.0259809
ZZfuel	-.0161602	.0009479	-17.05	0.000	-.018018	-.0143024
ZZmisc	.052566	.0015304	34.35	0.000	.0495666	.0555655
_cons	-.0102102	.0003136	-32.56	0.000	-.0108249	-.0095955
-----						
eintox						
ZZcereals	-.0061854	.0009305	-6.65	0.000	-.0080093	-.0043616
ZZothfood	.0240188	.0010011	23.99	0.000	.0220568	.0259809
ZZintox	-.0186231	.0007953	-23.42	0.000	-.0201819	-.0170643
ZZfuel	-.0036087	.0005401	-6.68	0.000	-.0046672	-.0025502
ZZmisc	.0071355	.0008132	8.77	0.000	.0055416	.0087294
_cons	.0095461	.0001644	58.05	0.000	.0092238	.0098684
-----						
emisc						
ZZcereals	-.0281137	.0012595	-22.32	0.000	-.0305822	-.0256452
ZZothfood	.052566	.0015304	34.35	0.000	.0495666	.0555655
ZZintox	.0071355	.0008132	8.77	0.000	.0055416	.0087294
ZZfuel	.0134494	.000855	15.73	0.000	.0117737	.0151251
ZZmisc	-.0017983	.0015848	-1.13	0.256	-.0049045	.0013079
_cons	-.0068588	.0002139	-32.06	0.000	-.007278	-.0064395
-----						
efuel						
ZZcereals	-.0265359	.0008344	-31.80	0.000	-.0281713	-.0249005
ZZothfood	-.0161602	.0009479	-17.05	0.000	-.018018	-.0143024
ZZintox	-.0036087	.0005401	-6.68	0.000	-.0046672	-.0025502
ZZfuel	-.0093716	.0010345	-9.06	0.000	-.0113992	-.007344
ZZmisc	.0134494	.000855	15.73	0.000	.0117737	.0151251
_cons	-.0002126	.0001145	-1.86	0.063	-.000437	.0000119
-----						



```

ePPm[5,5]: Price Elasticity,means
              eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:
              cereals  othfood  intox    fuel     misc
eQwrtZm:cereals  -.3787943  -.2469693  -.24107436  -.43633909  -.33806693
eQwrtZm:othfood  -.66196617  -.71922556  .96558754  -.31749043  .28584731
  eQwrtZm:intox  -.02967996  .05014277  -1.5785025  -.0605659  .04660081
  eQwrtZm:fuel   -.13257618  -.02624898  -.14219727  -1.0835913  .08574631
  eQwrtZm:misc   -.13496651  .11345946  .28667884  .18708363  -.75732777

ePPp50[5,5]: Price Elasticity,medians
              eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50:
              cereals  othfood  intox    fuel     misc
eQwrtZp50:cereals  -.50713462  -.2272061  -.13643829  -.34476663  -.25858106
eQwrtZp50:othfood  -.51908231  -.73216861  .54675367  -.24403939  .22065194
  eQwrtZp50:intox  -.02300412  .04542619  -1.2568696  -.04656938  .03814654
  eQwrtZp50:fuel   -.10338517  -.02403519  -.08054241  -1.052397  .06720905
  eQwrtZp50:misc   -.10804798  .10303083  .16208798  .14643767  -.75438225

ePPsd[5,5]: Price Elasticity,sd
              eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd:
              cereals  othfood  intox    fuel     misc
eQwrtZsd:cereals  .60966983  .43299839  .38991937  1.106288  .39049156
eQwrtZsd:othfood  .67510897  .25237826  1.5574893  .9297542  .32252842
  eQwrtZsd:intox  .03098247  .08329263  1.1966628  .1723051  .05073114
  eQwrtZsd:fuel   .13711113  .05255046  .22960568  .38745496  .08626207
  eQwrtZsd:misc   .13196964  .26369418  .46457865  .48987858  .01481655
-----

```

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.08866761	.0771596	.00752757	-.03041577	.03439621
lnhsize	.00098577	.00132531	.00058979	.00047445	.0010315
lnXclothing	.04085423	-.01090156	-.00154486	-.00817755	-.02023027
lnXfootwear	.00109549	.00147282	.00065543	.00052725	.00114631
lnXdurables	-.00322652	-.00823353	-.00197042	.00191282	.01151765
lnXmededu	.00059293	.00079716	.00035475	.00028537	.00062044
dum_Xcloth~g	-.00125342	-.00715359	-.00205924	.0021396	.00832665
dum_Xfootw~r	.00055982	.00075265	.00033494	.00026944	.00058579
dum_Xdurab~s	-.00235236	-.00326899	.00052155	.00046006	.00463974
dum_Xmededu	.00039381	.00052945	.00023562	.00018954	.00041208
age0_4m	-.0027727	-.00318904	-.00128266	.00160252	.00564188
age5_9m	.00032191	.00043279	.0001926	.00015494	.00033685
age10_14m	-.02484398	-.07562884	-.01807908	.02434386	.09420805
age15_54m	.00501072	.00673664	.00299792	.00241165	.0052432
age0_4f	-.0019031	-.07108513	-.01480955	.02022102	.06757677
age5_9f	.00379451	.0051015	.00227026	.00182629	.00397056
age10_14f	-.02051548	-.02359918	.00445968	.00559249	.0340625
age15_54f	.00346206	.00465455	.00207136	.00166628	.00362269
wifedu2	-.01103454	-.02651723	-.00341378	.01021916	.03074639
wifedu3	.00265034	.00356323	.0015857	.0012756	.0027733
wifedu4	-.01616114	.01642559	.00040259	-.00513403	.00446699
wifedu5	.00097037	.00130462	.00058058	.00046704	.0010154
wifedu6	-.00349641	.00422188	.00123157	-.00412484	.0021678
wifedu7	.00089458	.00120271	.00053523	.00043056	.00093609
husbedu2	-.00249887	.00925963	-.00047133	-.0058735	-.00041594
husbedu3	.000909	.0012221	.00054386	.0004375	.00095117
husbedu4	-.00304245	-.01145707	.01521862	-.01366463	.01294553
husbedu5	.00129746	.00174436	.00077627	.00062446	.00135766
husbedu6	-.01597847	.01360308	.00038633	-.00426763	.0062567
husbedu7	.00100016	.00134466	.0005984	.00048137	.00104656
husbedu8	-.00279065	.00406667	.00096286	-.00452628	.00228739
husbedu9	.00093291	.00125425	.00055816	.00044901	.0009762
husbedu10	-.0008927	.00286772	.00002769	-.00451566	.00251295
husbedu11	.00094206	.00126655	.00056364	.00045341	.00098577
husbedu12	.02118881	-.02970485	-.00218619	.01434552	-.00364329
husbedu13	.00147523	.00198336	.00088263	.00071002	.00154367
husbedu14	-.01620564	.01703171	-.00458435	.00343424	.00032405
husbedu15	.00264016	.00354956	.00157961	.0012707	.00276266
husbedu16	-.00846182	.0107308	-.00342774	.00183486	-.00067611
husbedu17	.0016639	.00223703	.00099552	.00080083	.0017411
husbedu18	-.01053458	.01098556	-.00485709	.00229896	.00210714
husbedu19	.00142752	.00191922	.00085409	.00068706	.00149375
husbedu20	-.01169137	.00825098	-.00514403	.00479975	.00378468
husbedu21	.00153325	.00206137	.00091735	.00073795	.00160439
husbedu22	-.01392982	.00284677	-.00784374	.00738036	.01154642
husbedu23	.00186415	.00250624	.00111532	.00089721	.00195064
husbedu24	-.0145931	-.01905585	-.00647791	.00637305	.0337538
husbedu25	.00198985	.00267524	.00119053	.00095771	.00208217
husbedu26	-.00599564	.00138066	.00285921	.00102893	.00072683
husbedu27	.00235354	.0031642	.00140812	.00113275	.00246273
husbedu28	-.00191975	-.00129109	.00397838	.00058675	-.00135429
husbedu29	.00144594	.00194399	.00086511	.00069593	.00151303
husbedu30	-.0073182	.00605297	.00038675	.0009981	-.00011962
husbedu31	.00130205	.00175053	.00077902	.00062667	.00136246
husbedu32	-.01368102	.00876953	-.00338353	.00214401	.00615101

	.0013417	.00180385	.00080274	.00064576	.00140396
husbedu6	-.01611052	.00758731	-.00896253	.00160322	.01588253
	.00154386	.00207563	.00092369	.00074306	.00161549
husbedu7	-.02071236	-.00583899	-.01260349	.00216962	.03698522
	.00161438	.00217044	.00096588	.000777	.00168928
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.1962525	-.11080175	-.01651626	.37594186	-.44487634
	.010992	.01477814	.00657653	.00529042	.011502
-----					
rho	.36830827	.23791155	.14981045	.25108471	.2293762
N	51727	51727	51727	51727	51727
N_g	2424	2424	2424	2424	2424
df_m	2453	2453	2453	2453	2453
g_min	3	3	3	3	3
g_max	48	48	48	48	48
r2	.36518472	.13769488	.03514842	.15293951	.19751846
F	944.82846	262.26756	59.831932	296.54665	404.25964

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)  
 -----

F( 8, 49273) = 49.84  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)  
 -----

F( 8, 49273) = 172.46  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)  
 -----

F( 8, 49273) = 41.45  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)  
 -----

F( 8, 49273) = 218.59  
 Prob > F = 0.0000  
 -----

misc

F( 8, 49273) = 274.31  
 Prob > F = 0.0000

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.0660815 .00283153				
lnhsize	.04968627 .00395589	.35081438 .00638018	.250516 .01498823	.16131371 .00670339	.31721468 .00707431
lnXclothing	.01761647 .00152712	.07343061 .00314535	.04711641 .00806698	.02440835 .00346513	.11050412 .0038515
lnXfootwear	.00866807 .00145997	.03182585 .00299665	-.00532434 .00774256	.01857918 .00330008	.05970308 .00365116
lnXdurables	.00409298 .00101033	.02988851 .00210098	.03900916 .00540584	.01818357 .0023024	.04245679 .00256017
lnXmededu	.01194366 .00082826	.04150144 .00170782	.03009553 .00440739	.03293526 .0018792	.06623457 .00208257
dum_Xcloth~g	.13477338 .01290565	.52859025 .02664751	.26730951 .06732311	.20087115 .02934598	.86305587 .0325986
dum_Xfootw~r	.03457359 .00986982	.09462655 .02038518	-.20699593 .05139122	.11363091 .02236993	.35864353 .02476237
dum_Xdurab~s	.02671435 .00890464	.21367899 .01850222	.3067869 .04731413	.12465042 .02027855	.3819686 .02251447
dum_Xmededu	.06663204 .00683049	.22573104 .01412614	.24146062 .03569102	.17887028 .01552865	.43951663 .01718547
age0_4m	-.00772689 .00250034	-.00607133 .00519773	-.01008099 .01290358	-.04190923 .00568133	-.03007816 .00630856
age5_9m	-.01175969 .00229247	-.03502755 .00478813	-.02528305 .0119338	-.04683606 .00523966	-.02536742 .00582506
age10_14m	-.00966217 .00234593	-.0124742 .00487401	-.02073932 .01234454	-.05880634 .00535861	-.03401004 .00592173
age15_54m	.01389668 .00345936	.10667566 .00695614	.25813954 .02023034	-.0848682 .00773482	.0411776 .00849129
age0_4f	-.00657032 .00257569	-.01562592 .00535675	-.03605223 .01323086	-.05150079 .00585491	-.01877303 .00650398
age5_9f	-.00705004 .00238954	-.03352964 .00499383	-.02132875 .01238354	-.04872112 .00546107	-.02249144 .00607281
age10_14f	-.00905007 .00241996	-.02257391 .00504764	-.01789207 .01267942	-.0558873 .00552857	-.0173507 .00613313
age15_54f	-.03044966 .00392622	-.24729222 .00793224	-.12262958 .0213768	.07641057 .00877125	-.12018761 .00960362
wifedu2	.00655271 .00676118	.0537896 .01413131	-.00220575 .03466215	.06586002 .01547003	.02630784 .01718961
wifedu3	.00601862 .00426534	.03409962 .00890762	.00296946 .02186458	.05013846 .00974736	-.01990623 .01083959
wifedu4	.01740545 .0036696	.02937707 .0076432	-.02939326 .01958151	.09256465 .00836915	.00202537 .00930217
wifedu5	.03075938 .00394906	.03087329 .00820799	-.01161897 .02185269	.15631366 .00898996	.01673676 .00998934
wifedu6	.04619557 .00480103	.06662286 .00997467	.02211485 .0291681	.23670704 .01092539	.07211738 .01214376
wifedu7	.0959672 .0051218	.14446726 .01060977	.20842034 .03145109	.25959138 .01162328	.23176097 .01292196
husbedu2	.00645564 .00605919	.03832207 .01260581	.02495825 .02914579	.00651259 .01380086	.03346635 .01532632
husbedu3	.00040062 .00372507	.01189756 .00774086	.01981187 .01813	-.02386704 .00848701	-.00679464 .00942206
husbedu4	.01281134 .0033664	.05755598 .0069708	.02436012 .01698893	-.00501675 .00765252	.01893299 .00848965
husbedu5	.01325994 .00347754	.09606216 .00717345	.01283126 .01791804	.03664308 .00788232	.07874003 .00875016

husbedu6	.03651096	.1660739	.05651842	.1007788	.1629698
	.00398841	.0082309	.02203939	.00903317	.01004978
husbedu7	.05461037	.24173053	.09173773	.16520735	.30574156
	.00415945	.00854972	.02348759	.00938324	.01047443
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.63730576			
		.00341172			
lnQintox			-.76800057		
			.00280509		
lnQfuel				.04557502	
				.00318223	
lnQmisc					.71412702
					.00976312
_cons	2.214197	5.3327954	5.1768003	.64737678	2.5685746
	.02451056	.04702106	.07902706	.03922205	.0395703
-----					
rho	.44279583	.29640106	.27870734	.23785168	.29864152
N	50153	51646	32560	51009	51616
N_g	2424	2424	2409	2424	2423
df_m	2453	2453	2438	2453	2452
g_min	2	3	1	3	3
g_max	48	48	40	48	48
r2	.08806237	.49014246	.71737607	.16057967	.41087662
F	153.53708	1576.3284	2548.5085	309.61627	1142.937
-----					

legend: b/se

Model elcereals (cereals)

F( 8, 47699) = 132.59  
 Prob > F = 0.0000

Model elothfood (othfood)

F( 8, 49192) = 603.70  
 Prob > F = 0.0000

Model elintox (intox)

F( 8, 30121) = 96.05  
 Prob > F = 0.0000

Model elfuel (fuel)

F( 8, 48555) = 118.00  
 Prob > F = 0.0000

misc

F( 8, 49163) = 549.09  
 Prob > F = 0.0000

eQwrtYm[1,5]: Income Elasticity,means

	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:	eQwrtYm:
	cereals	othfood	intox	fuel	misc
Rnd53:r1	.524242	3.2261323	5.9216942	.50460866	.79895843

eQwrtYp50[1,5]: Income Elasticity,medians

	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:	eQwrtYp50:
	cereals	othfood	intox	fuel	misc
Rnd53:r1	.63373393	3.1870914	5.1852713	.61353561	.75488001

eQwrtYsd[1,5]: Income Elasticity,sd

	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:	eQwrtYsd:
	cereals	othfood	intox	fuel	misc
Rnd53:r1	.57528967	.34348032	4.9516413	.97534937	.2296081

eQwrtZm[8,5]: Conditioning Variables Elasticity,means

	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:	eQwrtZm:
	cereals	othfood	intox	fuel	misc
Round53:lnXclothing	-.01015174	-.0763269	-.24176536	.00977044	.01139662
Round53:lnXfootwear	-.00963203	-.04879404	-.02976314	-.00480883	.0021384
Round53:lnXdurables	-.01201959	-.05116812	-.16806131	-.00313983	-.00175495
Round53:lnXmededu	-.24013516	-1.5126805	-4.1133041	.12348128	.04909607
Round53:dum_Xclothing	-.0197844	-.29379444	-.97945483	.06435458	.07846878
Round53:dum_Xfootwear	-.07552207	-.38203561	-.16874674	-.02232452	-.005337
Round53:dum_Xdurables	-.08345242	-.48442192	-1.0382472	-.01083217	-.03650485
Round53:dum_Xmededu	-.01687012	.02542584	.02384376	-.00974551	.01028703

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians

	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:	eQwrtZp50:
	cereals	othfood	intox	fuel	misc
Round53:lnXclothing	-.01299549	-.11894891	-.08191629	0	0
Round53:lnXfootwear	0	0	0	0	0
Round53:lnXdurables	0	0	0	0	0
Round53:lnXmededu	-.2494311	-1.8426434	-2.7832005	.04985748	0
Round53:dum_Xclothing	0	0	0	0	0
Round53:dum_Xfootwear	-.06762052	-.67803705	0	0	0
Round53:dum_Xdurables	-.10387111	-.74470973	-1.1964735	-.00018914	0
Round53:dum_Xmededu	0	0	0	0	0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd

	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:	eQwrtZsd:
	cereals	othfood	intox	fuel	misc
Round53:lnXclothing	.0105583	.07029796	.64470268	.04728646	.04740022
Round53:lnXfootwear	.01498078	.05199152	.30966945	.00966609	.02211203
Round53:lnXdurables	.01808404	.0648473	.39807514	.01782486	.01985437
Round53:lnXmededu	.17155456	.78539688	11.832656	.49160393	.5013824
Round53:dum_Xclothing	.02500092	.37077126	8.7637018	.48132161	.2638012
Round53:dum_Xfootwear	.1158715	.37317996	1.2960521	.1494783	.15896608
Round53:dum_Xdurables	.0893623	.39929533	2.2267054	.30845914	.17706964
Round53:dum_Xmededu	.07551993	.08249596	.0703213	.12980261	.02692288

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	63968	5	.0720894	0.3470	10943.76	0.0000
eothfood	63968	5	.0819044	0.1289	4392.98	0.0000
eintox	63968	5	.0455087	-0.3324	1411.33	0.0000
emisc	63968	5	.0605017	-0.0085	2076.68	0.0000
efuel	63968	5	.0296472	0.0034	609.78	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.0979185	.0029023	33.74	0.000	.0922301	.1036069
ZZothfood	-.1232327	.0028545	-43.17	0.000	-.1288274	-.117638
ZZintox	-.0021577	.0015822	-1.36	0.173	-.0052588	.0009434
ZZfuel	-.0245808	.003016	-8.15	0.000	-.030492	-.0186695
ZZmisc	-.0678459	.0026563	-25.54	0.000	-.0730521	-.0626397
_cons	.0078084	.0002925	26.69	0.000	.0072351	.0083817
eothfood						
ZZcereals	-.0929481	.0032974	-28.19	0.000	-.0994109	-.0864852
ZZothfood	.0573638	.0032431	17.69	0.000	.0510074	.0637202
ZZintox	.027862	.0017976	15.50	0.000	.0243387	.0313854
ZZfuel	.0136916	.0034266	4.00	0.000	.0069755	.0204077
ZZmisc	.051539	.0030179	17.08	0.000	.0456239	.057454
_cons	-.0111909	.0003323	-33.67	0.000	-.0118423	-.0105396
eintox						
ZZcereals	.0015219	.0018322	0.83	0.406	-.002069	.0051129
ZZothfood	.0154328	.001802	8.56	0.000	.011901	.0189646
ZZintox	-.0362896	.0009988	-36.33	0.000	-.0382473	-.0343319
ZZfuel	-.0106014	.0019039	-5.57	0.000	-.014333	-.0068697
ZZmisc	.0231762	.0016769	13.82	0.000	.0198896	.0264627
_cons	.0113052	.0001847	61.22	0.000	.0109432	.0116671
emisc						
ZZcereals	.0158875	.0024358	6.52	0.000	.0111135	.0206615
ZZothfood	.0574584	.0023956	23.98	0.000	.0527631	.0621538
ZZintox	.0099505	.0013279	7.49	0.000	.0073479	.0125532
ZZfuel	.0312564	.0025312	12.35	0.000	.0262953	.0362175
ZZmisc	-.0111694	.0022293	-5.01	0.000	-.0155388	-.0068
_cons	-.0076037	.0002455	-30.97	0.000	-.0080849	-.0071226
efuel						
ZZcereals	-.0223798	.0011936	-18.75	0.000	-.0247192	-.0200405
ZZothfood	-.0070223	.0011739	-5.98	0.000	-.0093232	-.0047215
ZZintox	.0006347	.0006507	0.98	0.329	-.0006406	.0019101
ZZfuel	-.0097659	.0012403	-7.87	0.000	-.0121969	-.0073348
ZZmisc	.0043002	.0010924	3.94	0.000	.0021591	.0064413
_cons	-.0003189	.0001203	-2.65	0.008	-.0005547	-.0000831

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

Symmetry

chi2( 10) = 1115.68  
 Prob > chi2 = 0.0000

Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.0911404	.0028647	31.81	0.000	.0855256	.0967552
ZZothfood	-.1339662	.0019635	-68.23	0.000	-.1378146	-.1301178
ZZintox	-.0090085	.0011613	-7.76	0.000	-.0112846	-.0067324
ZZfuel	-.0259521	.0011049	-23.49	0.000	-.0281177	-.0237865
ZZmisc	-.0316396	.0016553	-19.11	0.000	-.034884	-.0283953
_cons	.0086173	.00029	29.72	0.000	.0080489	.0091856
-----						
eothfood						
ZZcereals	-.1339662	.0019635	-68.23	0.000	-.1378146	-.1301178
ZZothfood	.0630684	.0027057	23.31	0.000	.0577653	.0683716
ZZintox	.0230099	.0011459	20.08	0.000	.0207639	.0252558
ZZfuel	-.0071246	.0010768	-6.62	0.000	-.0092351	-.005014
ZZmisc	.0629316	.0018106	34.76	0.000	.0593829	.0664802
_cons	-.0111793	.0003297	-33.90	0.000	-.0118256	-.010533
-----						
eintox						
ZZcereals	-.0090085	.0011613	-7.76	0.000	-.0112846	-.0067324
ZZothfood	.0230099	.0011459	20.08	0.000	.0207639	.0252558
ZZintox	-.0354053	.0009469	-37.39	0.000	-.0372611	-.0335494
ZZfuel	-.0014784	.000608	-2.43	0.015	-.00267	-.0002867
ZZmisc	.0132134	.0009748	13.55	0.000	.0113028	.015124
_cons	.0112763	.0001831	61.58	0.000	.0109174	.0116352
-----						
emisc						
ZZcereals	-.0316396	.0016553	-19.11	0.000	-.034884	-.0283953
ZZothfood	.0629316	.0018106	34.76	0.000	.0593829	.0664802
ZZintox	.0132134	.0009748	13.55	0.000	.0113028	.015124
ZZfuel	.0087076	.0009788	8.90	0.000	.0067892	.0106261
ZZmisc	-.0051502	.0019388	-2.66	0.008	-.0089502	-.0013502
_cons	-.0078253	.0002442	-32.04	0.000	-.0083039	-.0073466
-----						
efuel						
ZZcereals	-.0259521	.0011049	-23.49	0.000	-.0281177	-.0237865
ZZothfood	-.0071246	.0010768	-6.62	0.000	-.0092351	-.005014
ZZintox	-.0014784	.000608	-2.43	0.015	-.00267	-.0002867
ZZfuel	-.0111876	.0012322	-9.08	0.000	-.0136026	-.0087725
ZZmisc	.0087076	.0009788	8.90	0.000	.0067892	.0106261
_cons	-.0002198	.0001201	-1.83	0.067	-.0004551	.0000156
-----						



```

ePPm[5,5]: Price Elasticity,means
              eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:  eQwrtZm:
              cereals  othfood  intox     fuel      misc
eQwrtZm:cereals  -.397014  -.16486825  -.16936316  -.40028546  -.33561181
eQwrtZm:othfood  -.61431807  -.51376473  1.2406421  -.2604267  .09533506
eQwrtZm:intox    -.04151854  .03715351  -2.1622149  -.03104765  .05357708
eQwrtZm:fuel     -.12046038  -.00008529  .00589421  -.99769293  .0008761
eQwrtZm:misc     -.13697944  .10785913  .62553278  .06289377  -.61701672

ePPp50[5,5]: Price Elasticity,medians
              eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50:
              cereals  othfood  intox     fuel      misc
eQwrtZp50:cereals -.48963898  -.15398818  -.08063113  -.31083664  -.24062739
eQwrtZp50:othfood -.49135607  -.52133638  .6752097  -.18536992  .0552167
eQwrtZp50:intox   -.0327063  .03318094  -1.5281343  -.01988409  .04437903
eQwrtZp50:fuel    -.09572735  -.00101139  .00025373  -.96280849  .00266538
eQwrtZp50:misc    -.11374809  .09754127  .32701755  .04963048  -.61094433

ePPsd[5,5]: Price Elasticity,sd
              eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd:
              cereals  othfood  intox     fuel      misc
eQwrtZsd:cereals  .48666525  .13191363  .65918479  .74998519  .42165502
eQwrtZsd:othfood  .65224228  .0666149  3.8949963  .70245321  .18031809
eQwrtZsd:intox    .04560771  .02669052  4.2634679  .08239692  .06629708
eQwrtZsd:fuel     .13284161  .00863592  .11701825  .31235935  .04441181
eQwrtZsd:misc     .11871607  .13396668  1.9502528  .15638447  .03163139
-----

```

Variable	e0cereals	e0otherf~d	e0intoxi~s	e0fuel	e0misc
lntotalx	-.08044549	.08918243	.00820505	-.03567191	.01872992
lnhsize	.00139862	.00167801	.0008011	.00063211	.00126241
lnXclothing	.03266235	.00253219	-.00203922	-.01650939	-.01664593
lnXfootwear	.00152201	.00182605	.00087177	.00068788	.00137379
lnXdurables	-.01009259	-.00399152	-.00141933	.001599	.01390443
lnXmededu	.00081001	.00097182	.00046395	.00036609	.00073113
dum_Xcloth~g	-.00219233	-.00765612	-.00098808	.00187523	.00896131
dum_Xfootw~r	.00076938	.00092308	.00044068	.00034773	.00069446
dum_Xdurab~s	-.00185108	-.00405234	.00024533	.00071929	.0049388
dum_Xmededu	.00056211	.0006744	.00032196	.00025405	.00050737
age0_4m	-.00334669	-.00201079	-.00148882	.00166338	.00518292
age5_9m	.0004559	.00054697	.00026113	.00020604	.0004115
age10_14m	-.07838238	-.0421052	-.01295855	.01919621	.11424992
age15_54m	.00666682	.00799862	.0038186	.00301311	.00601757
age0_4f	-.00017386	-.06722026	-.00732952	.01539713	.05932651
age5_9f	.00507959	.00609431	.00290946	.00229575	.0045849
age10_14f	-.01014699	-.0333275	.00178024	.00750809	.03418615
age15_54f	.00479973	.00575855	.00274917	.00216927	.00433231
wifedu2	-.01690547	-.0141475	-.00658278	.01026864	.02736712
wifedu3	.00360068	.00431996	.00206238	.00162735	.00325002
wifedu4	-.01203934	.01120134	.00023818	-.00304555	.00364536
wifedu5	.00128076	.00153661	.00073359	.00057885	.00115603
wifedu6	-.00294796	.00661468	.00098212	-.00320627	-.00144257
wifedu7	.00116908	.00140262	.00066962	.00052837	.00105523
husbedu2	.00358272	.00330659	-.00039443	-.00411159	-.0023833
husbedu3	.00120163	.00144167	.00068827	.00054308	.00108461
husbedu4	-.00026801	-.01176299	.01544701	-.00923249	.00581649
husbedu5	.00177951	.00213499	.00101926	.00080426	.00160621
husbedu6	-.0133191	.01186604	.0012387	-.00272204	.00293639
husbedu7	.00130455	.00156515	.00074721	.0005896	.0011775
husbedu8	-.00214091	.00256949	.00038728	-.00168979	.00087392
husbedu9	.00120878	.00145026	.00069236	.00054632	.00109107
husbedu10	.00068362	.00396565	-.00060825	-.00362821	-.00041281
husbedu11	.0012463	.00149526	.00071385	.00056327	.00112492
husbedu12	.00577564	-.01316499	-.00517056	.00506088	.00749904
husbedu13	.00204353	.00245175	.00117048	.00092358	.00184452
husbedu14	-.00619928	.0042082	-.00099666	.00032098	.00266675
husbedu15	.0034629	.00415467	.00198347	.00156508	.00312566
husbedu16	-.00701247	.00848042	-.00264971	.00138443	-.00020267
husbedu17	.0021606	.00259222	.00123754	.0009765	.00195019
husbedu18	-.00775812	.00681094	-.00415666	.00280361	.00230024
husbedu19	.00201958	.00242302	.00115677	.00091276	.0018229
husbedu20	-.00747396	.00258954	-.00530179	.00425127	.00593494
husbedu21	.00234906	.00281831	.00134548	.00106167	.00212029
husbedu22	-.00829407	-.00652856	-.0059479	.00864504	.01212549
husbedu23	.00310207	.00372176	.00177679	.001402	.00279997
husbedu24	-.0030086	-.03878579	-.00887823	.01170727	.03896535
husbedu25	.00349348	.00419135	.00200098	.0015789	.00315326
husbedu26	-.00237029	.00210609	-.00005757	.00095545	-.00063368
husbedu27	.00288095	.00345646	.00165014	.00130206	.00260038
husbedu28	-.00562223	.00268285	-.00064819	-.00051059	.00409816
husbedu29	.00185827	.00222948	.00106437	.00083986	.0016773
husbedu30	-.0095674	.00774222	-.00333977	.00069522	.00446973
husbedu31	.00169663	.00203556	.00097179	.0007668	.0015314
husbedu32	-.01221195	.00575946	-.00583583	.00062917	.01165916

	.00184191	.00220985	.001055	.00083246	.00166253
husbedu6	-.01786157	.00475669	-.00859202	.00264348	.01905342
	.0022706	.00272418	.00130054	.00102621	.00204947
husbedu7	-.02253101	-.0019071	-.01314133	.0005554	.03702404
	.00253777	.00304472	.00145357	.00114696	.00229062
urban	0	0	0	0	0
	0	0	0	0	0
_cons	1.1897125	-.33642707	-.02756488	.44838201	-.27410257
	.01577552	.0189269	.00903584	.00712984	.01423919
-----					
rho	.46640503	.32857072	.18108075	.31339945	.33180691
N	26919	26919	26919	26919	26919
N_g	1364	1364	1364	1364	1364
df_m	1393	1393	1393	1393	1393
g_min	2	2	2	2	2
g_max	40	40	40	40	40
r2	.30509767	.14029918	.03047375	.15747971	.18153564
F	373.55936	138.85205	26.743045	159.03355	188.71509

-----  
 legend: b/se  
 -----

Model e0cereals (cereals)

-----  
 F( 8, 25525) = 84.39  
 Prob > F = 0.0000  
 -----

Model e0otherfood (otherfood)

-----  
 F( 8, 25525) = 55.84  
 Prob > F = 0.0000  
 -----

Model e0intoxicants (intoxicants)

-----  
 F( 8, 25525) = 12.84  
 Prob > F = 0.0000  
 -----

Model e0fuel (fuel)

-----  
 F( 8, 25525) = 49.60  
 Prob > F = 0.0000  
 -----

misc

-----  
 F( 8, 25525) = 194.39  
 Prob > F = 0.0000  
 -----  
 -----

Variable	elcereals	elothfood	elintox	elfuel	elmisc
lnQcereals	-.03739712 .00389682				
lnhsize	.02409092 .00549783	.37075583 .00848559	.33116565 .01922651	.12494711 .00882388	.39963092 .00847604
lnXclothing	.01206825 .00215412	.06058125 .00422917	.02075851 .0101744	.01839799 .00458101	.10911945 .00454725
lnXfootwear	.01159181 .00205118	.04181451 .00401712	.03552762 .00988175	.02344028 .00434743	.06891826 .00431547
lnXdurables	.00166579 .00149134	.02150663 .00294077	.03683997 .00721719	.01969445 .00317633	.04044976 .0031499
lnXmededu	.01152577 .00120917	.03713196 .002374	.01791795 .00578965	.0261784 .00256904	.05309517 .002545
dum_Xcloth~g	.08901253 .01773416	.44632601 .03484675	.1083206 .08261887	.14866177 .03774703	.87041274 .03745437
dum_Xfootw~r	.07020614 .01354336	.20298187 .02657224	.12790465 .06433134	.15496645 .02874611	.41074296 .0285234
dum_Xdurab~s	.01417556 .01275391	.14129241 .02513714	.30488391 .06140467	.14165483 .02715624	.33521943 .02690483
dum_Xmededu	.06421749 .00957161	.2012023 .01881747	.19194087 .04526731	.15913349 .02035784	.33749673 .02014486
age0_4m	-.00207625 .00341821	-.0157317 .00671657	-.03870704 .01601476	-.03726031 .00724508	-.0251616 .00717304
age5_9m	-.00814176 .00310635	-.03290783 .00612409	-.0306861 .01454257	-.02012405 .00661727	-.04227124 .00655338
age10_14m	-.00983558 .0031983	-.02258743 .00630421	-.03052733 .01511224	-.03778234 .0068132	-.03606149 .00674126
age15_54m	.01566141 .0048273	.06868241 .00933574	.20522107 .02579581	-.04670258 .01014381	.02615366 .01001417
age0_4f	-.00100329 .00348129	-.0168166 .00683926	-.02747755 .01615046	-.02840413 .00737668	-.02462464 .00731502
age5_9f	-.00187482 .0032101	-.03659939 .00633515	-.01385268 .01507185	-.01380945 .0068367	-.02409031 .00677851
age10_14f	-.00632391 .00331352	-.01843761 .00653679	-.0221339 .01565047	-.03302836 .00706468	-.02053659 .00699388
age15_54f	-.01720937 .00555651	-.16752938 .01072184	-.11705698 .02781029	.06441491 .01164739	-.05300931 .01147342
wifedu2	.01646189 .00920356	.00156005 .01818198	-.01335215 .04195702	.01451816 .01960985	.02463497 .01944252
wifedu3	.01149022 .0057427	.02251221 .01133559	-.00632553 .02717835	.0298401 .01223818	.01181115 .01211866
wifedu4	.02920651 .00537841	.03411663 .01059534	-.03551374 .0260987	.06332555 .01144417	.03028646 .01133722
wifedu5	.03250305 .00626051	.02927382 .01232344	-.02109832 .03155658	.10819801 .01330613	.04554224 .01318296
wifedu6	.06415406 .00826931	.06166867 .0162652	.13193081 .04593348	.22758261 .01757021	.08234098 .01741069
wifedu7	.11108729 .0092954	.10335688 .01827924	.12226961 .05444683	.28218528 .01974218	.21715674 .01955579
husbedu2	-.00097051 .00767863	.04723478 .01511035	-.03592764 .03401757	.01678788 .01633363	-.01070068 .01621135
husbedu3	.00940687 .00494314	.03808436 .00974669	-.02791993 .02253668	-.01168486 .01052842	.02395317 .01043064
husbedu4	.00725726 .00452115	.07964661 .00888999	.00643644 .02111115	.00938225 .0096067	.05708541 .00952017
husbedu5	.02619601	.10404454	-.00474332	.04703555	.08729163

	.00490854	.0096454	.02349861	.01042906	.01033887
husbedu6	.03212512	.16461975	.06165938	.12305813	.15655327
	.00604638	.01186199	.03074055	.01281111	.0127336
husbedu7	.0677306	.25605002	.08880003	.17257894	.27498167
	.00672201	.01318948	.0352064	.01423116	.01418323
urban	0	0	0	0	0
	0	0	0	0	0
lnQothfood		-.57066976			
		.00478517			
lnQintox			-.78961161		
			.00354282		
lnQfuel				.01672265	
				.00405774	
lnQmisc					.44395469
					.01147132
_cons	2.0227936	4.5933889	5.348608	.91356874	3.6003889
	.03550052	.06528899	.10533242	.05325768	.04868382
-----					
rho	.48802194	.35410888	.33664069	.28138845	.35503266
N	26550	26906	18591	26793	26822
N_g	1364	1364	1355	1364	1364
df_m	1393	1393	1384	1393	1393
g_min	2	2	1	2	2
g_max	40	40	40	40	40
r2	.06179079	.39202655	.7444529	.10367435	.39877223
F	55.226102	548.34528	1670.8018	97.926645	562.18185

-----  
 legend: b/se  
 -----

Model elcereals (cereals)

-----  
 F( 8, 25156) = 40.40  
 Prob > F = 0.0000  
 -----

Model elothfood (othfood)

-----  
 F( 8, 25512) = 212.56  
 Prob > F = 0.0000  
 -----

Model elintox (intox)

-----  
 F( 8, 17206) = 22.03  
 Prob > F = 0.0000  
 -----

Model elfuel (fuel)

-----  
 F( 8, 25399) = 43.80  
 Prob > F = 0.0000  
 -----

misc

-----  
 F( 8, 25428) = 340.37  
 Prob > F = 0.0000  
 -----  
 -----

eQwrtYm[1,5]: Income Elasticity,means  
 eQwrtYm: eQwrtYm: eQwrtYm: eQwrtYm: eQwrtYm:  
 cereals othfood intox fuel misc  
 Rnd54:r1 .59228182 2.8191074 6.5618604 .42018204 .80345079

eQwrtYp50[1,5]: Income Elasticity,medians  
 eQwrtYp50: eQwrtYp50: eQwrtYp50: eQwrtYp50: eQwrtYp50:  
 cereals othfood intox fuel misc  
 Rnd54:r1 .68121457 2.7752781 5.839808 .53530377 .78138486

eQwrtYsd[1,5]: Income Elasticity,sd  
 eQwrtYsd: eQwrtYsd: eQwrtYsd: eQwrtYsd: eQwrtYsd:  
 cereals othfood intox fuel misc  
 Rnd54:r1 1.0197154 .80216323 2.7096129 1.2883963 .11562543

eQwrtZm[8,5]: Conditioning Variables Elasticity,means  
 eQwrtZm: eQwrtZm: eQwrtZm: eQwrtZm: eQwrtZm:  
 cereals othfood intox fuel misc  
 Round54:lnXclothing -.01595258 -.08961548 -.25346942 .00582255 .00483313  
 Round54:lnXfootwear -.00694194 -.03844487 -.06847855 -.00370767 .00091264  
 Round54:lnXdurables -.01295212 -.03900746 -.17881565 .00077066 -.00287919  
 Round54:lnXmededu -.4106624 -.96436433 -2.7147248 .12065689 .0393505  
 Round54:dum\_Xclothing -.02577504 -.30327187 -.77112603 .01889542 .01425993  
 Round54:dum\_Xfootwear -.03003841 -.23998791 -.45946688 -.01617571 -.0153403  
 Round54:dum\_Xdurables -.09256758 -.32787831 -1.3447349 -.0000832 -.04058196  
 Round54:dum\_Xmededu -.01402634 .02390388 .05257514 -.00253069 .00979009

eQwrtZp50[8,5]: Conditioning Variables Elasticity,medians  
 eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50:  
 cereals othfood intox fuel misc  
 Round54:lnXclothing -.01889419 -.12880091 -.24176459 0 0  
 Round54:lnXfootwear -.00641587 -.06448404 -.06486803 0 0  
 Round54:lnXdurables 0 0 0 0 0  
 Round54:lnXmededu -.38105766 -1.2280241 -1.8148171 .05928736 0  
 Round54:dum\_Xclothing 0 0 0 0 0  
 Round54:dum\_Xfootwear 0 0 0 0 0  
 Round54:dum\_Xdurables -.11192575 -.52646229 -1.2344631 0 -.00601903  
 Round54:dum\_Xmededu 0 0 0 0 0

eQwrtZsd[8,5]: Conditioning Variables Elasticity,sd  
 eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd:  
 cereals othfood intox fuel misc  
 Round54:lnXclothing .02969359 .09467448 .30942069 .05956421 .04429397  
 Round54:lnXfootwear .02380367 .05022894 .08218897 .02277491 .02286804  
 Round54:lnXdurables .04401679 .05084702 .38482917 .04553364 .01447194  
 Round54:lnXmededu 1.0028334 .65712998 4.2959762 .64730463 .46866353  
 Round54:dum\_Xclothing .03520568 .42231125 1.8828274 .2667019 .21985984  
 Round54:dum\_Xfootwear .04201034 .26721452 .66983334 .13510553 .13957864  
 Round54:dum\_Xdurables .09248604 .26947325 2.0025989 .24184003 .15530529  
 Round54:dum\_Xmededu .03694225 .0444929 .09889377 .04062565 .02425596

Three-stage least squares regression

Equation	Obs	Parms	RMSE	"R-sq"	chi2	P
ecereals	36790	5	.0776748	0.2794	4614.65	0.0000
eothfood	36790	5	.074824	0.2061	3128.80	0.0000
eintox	36790	5	.0401511	-0.2150	551.91	0.0000
emisc	36790	5	.0562251	0.0982	603.71	0.0000
efuel	36790	5	.0297933	0.0276	676.62	0.0000

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
ecereals						
ZZcereals	.1180497	.0037348	31.61	0.000	.1107295	.1253698
ZZothfood	-.1024277	.0034323	-29.84	0.000	-.1091549	-.0957005
ZZintox	.0042606	.0019668	2.17	0.030	.0004056	.0081155
ZZfuel	.0021641	.0040149	0.54	0.590	-.005705	.0100332
ZZmisc	-.0899462	.0035269	-25.50	0.000	-.0968588	-.0830335
_cons	.006979	.0004111	16.98	0.000	.0061732	.0077848
eothfood						
ZZcereals	-.0916021	.0035978	-25.46	0.000	-.0986536	-.0845506
ZZothfood	.0917972	.0033063	27.76	0.000	.0853169	.0982775
ZZintox	.0204073	.0018947	10.77	0.000	.0166939	.0241208
ZZfuel	-.023932	.0038676	-6.19	0.000	-.0315123	-.0163518
ZZmisc	.0397134	.0033975	11.69	0.000	.0330545	.0463724
_cons	-.0081635	.000396	-20.61	0.000	-.0089397	-.0073873
eintox						
ZZcereals	.0163691	.0019306	8.48	0.000	.0125852	.0201529
ZZothfood	.0207915	.0017742	11.72	0.000	.0173141	.0242689
ZZintox	-.0204859	.0010167	-20.15	0.000	-.0224786	-.0184933
ZZfuel	-.0059189	.0020754	-2.85	0.004	-.0099865	-.0018513
ZZmisc	.0118665	.0018231	6.51	0.000	.0082932	.0154397
_cons	.0090458	.0002125	42.56	0.000	.0086293	.0094623
emisc						
ZZcereals	-.015396	.0027035	-5.69	0.000	-.0206947	-.0100973
ZZothfood	.0027961	.0024845	1.13	0.260	-.0020734	.0076655
ZZintox	-.0027515	.0014237	-1.93	0.053	-.0055419	.0000389
ZZfuel	.0263125	.0029062	9.05	0.000	.0206165	.0320086
ZZmisc	.0335241	.002553	13.13	0.000	.0285204	.0385278
_cons	-.0069225	.0002976	-23.26	0.000	-.0075057	-.0063392
efuel						
ZZcereals	-.0274207	.0014326	-19.14	0.000	-.0302284	-.0246129
ZZothfood	-.0129571	.0013165	-9.84	0.000	-.0155374	-.0103768
ZZintox	-.0014305	.0007544	-1.90	0.058	-.0029091	.0000481
ZZfuel	.0013743	.00154	0.89	0.372	-.001644	.0043926
ZZmisc	.0048422	.0013528	3.58	0.000	.0021907	.0074936
_cons	-.0009388	.0001577	-5.95	0.000	-.0012479	-.0006297

Endogenous variables: IVHcereals IVHothfood IVHintox IVHmisc IVHfuel  
 ZZcereals ZZothfood ZZintox ZZfuel ZZmisc  
 Exogenous variables: IVZcereals IVZothfood IVZintox IVZfuel IVZmisc

Symmetry

chi2( 10) = 581.39  
 Prob > chi2 = 0.0000

Constrained coefficients

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
-----						
ecereals						
ZZcereals	.1191732	.003572	33.36	0.000	.1121723	.1261741
ZZothfood	-.1135634	.0022851	-49.70	0.000	-.1180421	-.1090847
ZZintox	.0049796	.001305	3.82	0.000	.0024218	.0075374
ZZfuel	-.026486	.0013401	-19.76	0.000	-.0291126	-.0238593
ZZmisc	-.0453352	.0019801	-22.90	0.000	-.0492161	-.0414543
_cons	.0075972	.0004079	18.63	0.000	.0067978	.0083966
-----						
eothfood						
ZZcereals	-.1135634	.0022851	-49.70	0.000	-.1180421	-.1090847
ZZothfood	.1040576	.0029053	35.82	0.000	.0983634	.1097519
ZZintox	.0254921	.0012137	21.00	0.000	.0231133	.0278709
ZZfuel	-.0149442	.0012111	-12.34	0.000	-.017318	-.0125704
ZZmisc	.0166756	.0019163	8.70	0.000	.0129197	.0204314
_cons	-.008473	.000393	-21.56	0.000	-.0092432	-.0077027
-----						
eintox						
ZZcereals	.0049796	.001305	3.82	0.000	.0024218	.0075374
ZZothfood	.0254921	.0012137	21.00	0.000	.0231133	.0278709
ZZintox	-.0185001	.0009495	-19.48	0.000	-.020361	-.0166392
ZZfuel	-.0019972	.0006969	-2.87	0.004	-.003363	-.0006314
ZZmisc	.0032283	.0010571	3.05	0.002	.0011564	.0053001
_cons	.0089333	.0002111	42.32	0.000	.0085196	.0093471
-----						
emisc						
ZZcereals	-.0453352	.0019801	-22.90	0.000	-.0492161	-.0414543
ZZothfood	.0166756	.0019163	8.70	0.000	.0129197	.0204314
ZZintox	.0032283	.0010571	3.05	0.002	.0011564	.0053001
ZZfuel	.0099085	.0012057	8.22	0.000	.0075453	.0122716
ZZmisc	.0302426	.0022804	13.26	0.000	.0257731	.034712
_cons	-.0069981	.0002969	-23.57	0.000	-.00758	-.0064161
-----						
efuel						
ZZcereals	-.026486	.0013401	-19.76	0.000	-.0291126	-.0238593
ZZothfood	-.0149442	.0012111	-12.34	0.000	-.017318	-.0125704
ZZintox	-.0019972	.0006969	-2.87	0.004	-.003363	-.0006314
ZZfuel	-.0009069	.0015183	-0.60	0.550	-.0038826	.0020689
ZZmisc	.0099085	.0012057	8.22	0.000	.0075453	.0122716
_cons	-.0008681	.0001574	-5.52	0.000	-.0011765	-.0005596
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ePPm[5,5]: Price Elasticity,means
              eQwrtZm:   eQwrtZm:   eQwrtZm:   eQwrtZm:   eQwrtZm:
              cereals   othfood   intox     fuel      misc
eQwrtZm:cereals -.29372601 -.75813532 .59112666 -.28524154 -.3003893
eQwrtZm:othfood -.41359956 -1.9653232 4.8028651 .03800345 .04680152
eQwrtZm:intox   .04312394 .12198945 -8.870337 -.01006214 .01442908
eQwrtZm:fuel    -.10942416 -.12522752 -.59170502 -.96278969 .04930383
eQwrtZm:misc    -.15856517 .00491651 .41663725 .25621798 -.52643376

ePPp50[5,5]: Price Elasticity,medians
              eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50: eQwrtZp50:
              cereals   othfood   intox     fuel      misc
eQwrtZp50:cereals -.42547235 -.67294821 .33864239 -.21639911 -.23701494
eQwrtZp50:othfood -.32987937 -2.0164632 2.8729823 .01860726 .03470736
eQwrtZp50:intox   .0317932 .11264262 -7.2423081 -.01344128 .01203978
eQwrtZp50:fuel    -.08603234 -.112104 -.35455376 -.95986298 .03897571
eQwrtZp50:misc    -.13809699 .01766532 .25341764 .19617503 -.56206289

ePPsd[5,5]: Price Elasticity,sd
              eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd: eQwrtZsd:
              cereals   othfood   intox     fuel      misc
eQwrtZsd:cereals 1.5106083 1.0515791 1.0550895 .91345245 .32322194
eQwrtZsd:othfood 1.3873872 .93595153 7.1961425 .45131407 .0562649
eQwrtZsd:intox   .07433003 .22912392 6.1093466 .0907269 .01465671
eQwrtZsd:fuel    .32938057 .142711 .88141784 .03275442 .05221569
eQwrtZsd:misc    .4303428 .64020234 .64721154 1.2462765 .18669488
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