

Appendix III: Estimates of Quality Engel Curve										
		# obs.	Mean	S.D.	Annual % Change in Unit Prices	Quality Coefficient (A)	S.E.	Quantity Coefficient (B)	S.E.	(A) / (A)+(B)
1	Electric cooking appliances	29805	11322.65	13322.05	-0.603	0.241	0.019	0.830	0.021	22.51
2	Microwave ovens	3681	35247.07	24307.91	-3.319	0.236	0.041	1.122	0.055	17.37
3	Refrigerators	5582	115165.00	67354.67	-1.845	0.175	0.039	1.019	0.044	14.66
4	Vacuum cleaners	8474	21966.69	30123.22	0.031	0.261	0.030	0.971	0.036	21.16
5	Washing machines	5857	53231.23	25134.47	-3.609	0.217	0.025	0.991	0.044	17.97
6	Sewing machines	1534	75918.23	70761.62	-4.093	0.428	0.095	1.066	0.085	28.64
7	Room air conditioners	5554	129843.50	62055.43	-8.511	0.118	0.025	1.346	0.047	8.07
8	Electric fan	4391	7285.09	4762.15	-5.648	0.047	0.029	0.559	0.051	7.71
9	Fan heaters & stoves	12666	21918.65	23858.97	-6.289	0.233	0.026	1.006	0.039	18.81
10	"Kotatsu" electric heaters	1774	19874.79	17002.13	-2.691	0.254	0.058	0.814	0.062	23.76
11	Chests of drawers	2593	52484.34	74498.05	-2.883	0.634	0.056	1.510	0.054	29.56
12	Sideboards	1996	73640.43	68001.16	-3.041	0.490	0.091	1.622	0.076	23.20
13	Beds	2724	46599.90	45876.75	-2.198	0.451	0.063	1.335	0.067	25.27
14	Quilts	19636	13786.08	22337.17	-2.628	0.532	0.024	0.983	0.030	35.12
15	Sheets	33517	1827.02	2510.27	-1.259	0.257	0.012	0.730	0.030	26.05
16	Bowls & dishes	123329	696.55	1284.58	-4.070	0.600	0.010	1.010	0.018	37.28
17	Thermos bottles	12776	3164.19	1746.84	-3.028	0.106	0.017	0.594	0.034	15.13
18	Pans & kettles	82479	1858.89	2738.18	-4.704	0.357	0.010	0.527	0.013	40.39
19	Women's "kimono"	5156	122634.10	192819.20	-2.751	0.868	0.077	1.551	0.050	35.87
20	Women's "obi"	3595	65814.42	112278.40	-3.412	0.726	0.092	1.678	0.058	30.19
21	Men's suits	22747	50043.50	30063.90	-4.242	0.378	0.014	1.440	0.023	20.79
22	Men's jackets	13830	19642.13	18101.29	-3.348	0.678	0.026	1.296	0.029	34.37
23	Men's slacks	83210	5244.83	4208.82	-4.287	0.449	0.009	0.764	0.012	37.05
24	Men's coats	8830	25221.63	30435.51	1.469	0.673	0.038	1.389	0.035	32.66
25	Boy's school uniforms	6796	18750.40	14342.69	-1.697	0.190	0.031	1.185	0.043	13.80
26	Women's dresses, ready-made	74054	21880.50	22116.82	-1.026	0.593	0.013	1.265	0.013	31.91
27	Skirts	91864	6079.02	5690.72	-2.262	0.508	0.009	0.983	0.011	34.08
28	Women's slacks	130133	4098.41	4018.11	-4.192	0.518	0.007	0.757	0.010	40.62
29	Women's coats	23113	22882.18	42754.63	1.082	0.634	0.022	1.277	0.022	33.18
30	Girl's school uniforms	6266	23535.43	15359.61	-2.836	0.216	0.030	1.172	0.046	15.57
31	Children's dresses	166020	3101.07	3490.44	-2.689	0.376	0.007	0.392	0.010	48.94
32	Babies' dresses	30165	3764.05	3327.80	-2.335	0.373	0.017	0.441	0.025	45.84
33	Men's business shirts	56948	3822.79	2798.63	-3.339	0.382	0.010	1.083	0.016	26.08
34	Other men's shirts	166970	3066.00	2937.46	-3.386	0.436	0.007	0.811	0.009	34.95
35	Men's sweaters	45566	6401.95	5781.17	-2.520	0.495	0.013	0.890	0.016	35.73
36	women's blouses	110481	5934.02	5425.68	-1.064	0.505	0.008	0.987	0.011	33.83
37	Other women's shirts	179982	2397.65	2281.52	-3.280	0.453	0.006	0.838	0.009	35.10
38	Women's sweaters	134368	5890.17	5592.31	-2.938	0.528	0.007	0.999	0.010	34.55
39	Children's shirts	114783	1609.59	1189.87	-3.826	0.336	0.007	0.374	0.011	47.34
40	Children's sweaters	15115	2966.14	2202.82	-0.805	0.361	0.021	0.535	0.030	40.24
41	Hats and caps	70519	2022.68	1817.59	-2.039	0.439	0.010	0.626	0.013	41.23
42	Neckties	36914	4216.63	3011.29	-2.352	0.479	0.015	1.382	0.019	25.72
43	Gloves	64284	793.46	1123.50	-2.748	0.463	0.017	0.375	0.025	55.23
44	Men's socks	165632	486.26	306.41	0.295	0.251	0.005	0.655	0.010	27.68
45	Women's stockings	162359	327.24	250.71	-1.561	0.220	0.006	0.922	0.011	19.29
46	Women's socks	151717	401.94	274.72	-2.563	0.259	0.006	0.718	0.010	26.53
47	Children's socks and stockings	100974	387.65	229.93	-1.512	0.195	0.007	0.307	0.012	38.80
48	Men's shoes	56897	7543.43	5647.64	0.186	0.608	0.011	0.895	0.014	40.44
49	Women's shoes	124148	5655.85	4832.18	-2.663	0.642	0.008	0.858	0.009	42.80
50	Rainy shoes	9021	2327.26	1596.26	0.922	0.251	0.023	0.061	0.036	80.54
51	Canvas shoes	147166	2377.90	2090.36	-0.421	0.353	0.007	0.446	0.009	44.17
52	Children's shoes	42090	2158.80	1345.46	-1.390	0.326	0.011	0.334	0.017	49.41
53	Sandals	82886	1189.41	740.69	0.670	0.187	0.008	0.379	0.012	33.00
54	Automobiles	5055	1322687.00	849332.00	-1.908	0.623	0.052	1.492	0.046	29.48
55	TV sets	9909	77218.82	80072.42	-8.439	0.287	0.032	0.887	0.033	24.44
56	Stereo phonograph sets	1550	58757.08	47417.03	-7.548	0.154	0.057	1.516	0.084	9.21
57	Tape recorders	7287	15449.65	12078.54	-1.992	0.251	0.031	1.233	0.039	16.93
58	Pianos	217	522409.20	650396.00	-3.702	0.304	0.185	1.031	0.225	22.78
59	Video cameras	1320	134787.80	48224.34	-10.377	0.107	0.054	1.249	0.091	7.86
60	Video tape recorders	5255	40989.62	32637.78	-4.139	0.208	0.030	0.993	0.046	17.34
61	Umbrellas	69020	1532.92	1661.98	-2.432	0.395	0.011	0.813	0.014	32.71
62	Handbags	58758	9645.63	16174.01	-4.778	0.629	0.015	1.236	0.014	33.72
63	Schoolchild's satchel	4958	16105.67	11840.00	-1.744	0.036	0.040	0.789	0.047	4.42
64	Suitcases	7375	11785.60	13030.94	-5.964	0.730	0.035	1.711	0.040	29.92

(Note) This table reports in-depth estimation results on durable good consumption, which is complement to our main results.

Author's calculation from pooled monthly data from 1990 to 2004. The methodology follows Bils and Klenow (American Economic Review, 2001).