

Appendix C

Table C1
U.S. Data - Estimation of α

Year	US: Base Period 1973 = 100			LN			Change		
	All Items	Food	Services	All Items	Food	Services	All Items	Food	Services
1971	91.22	89.24	92.34	4.5132	4.4913	4.5255			
1972	94.14	92.41	95.98	4.5448	4.5262	4.5642	0.0316	0.0349	0.0386
1973	100.00	100.00	100.00	4.6052	4.6052	4.6052	0.0603	0.0790	0.0410
1974	111.04	111.03	109.25	4.7099	4.7098	4.6936	0.1047	0.1046	0.0884
1975	121.17	120.78	119.61	4.7972	4.7940	4.7842	0.0873	0.0842	0.0906
1976	128.15	126.57	126.71	4.8532	4.8408	4.8419	0.0560	0.0468	0.0577
1977	136.49	134.30	134.75	4.9162	4.9001	4.9034	0.0630	0.0593	0.0615
1978	146.85	145.80	145.02	4.9894	4.9822	4.9769	0.0732	0.0821	0.0735
1979	163.51	160.70	159.32	5.0969	5.0796	5.0709	0.1075	0.0973	0.0941
1980	185.59	177.43	179.46	5.2235	5.1786	5.1899	0.1266	0.0990	0.1190
1981	204.73	193.61	198.72	5.3217	5.2658	5.2919	0.0982	0.0873	0.1019
1982	217.34	204.74	215.77	5.3815	5.3217	5.3742	0.0598	0.0559	0.0823
1983	224.32	211.16	229.70	5.4131	5.3526	5.4368	0.0316	0.0309	0.0626
1984	234.01	220.87	242.00	5.4554	5.3976	5.4889	0.0423	0.0450	0.0522
1985	242.34	227.71	254.09	5.4904	5.4281	5.5377	0.0350	0.0305	0.0487
1986	246.85	236.78	265.41	5.5098	5.4671	5.5813	0.0184	0.0391	0.0436
1987	255.86	245.68	277.06	5.5446	5.5040	5.6242	0.0358	0.0369	0.0430
1988	266.44	255.97	281.44	5.5852	5.5451	5.6748	0.0405	0.0411	0.0506
1989	279.28	269.42	308.43	5.6322	5.5963	5.7315	0.0471	0.0512	0.0567
1990	294.37	284.47	327.28	5.6848	5.6506	5.7908	0.0526	0.0544	0.0593
1991	306.76	295.87	347.05	5.7261	5.6899	5.8495	0.0412	0.0393	0.0586
1992	315.99	303.29	364.39	5.7557	5.7147	5.8982	0.0297	0.0248	0.0488
1993	325.45	311.75	379.23	5.7852	5.7422	5.9381	0.0295	0.0275	0.0399
1994	333.78	320.61	389.63	5.8105	5.7702	5.9652	0.0253	0.0280	0.0271
1995	343.24	329.10	403.17	5.8384	5.7964	5.9994	0.0279	0.0261	0.0342
1996	353.38	339.50	417.55	5.8675	5.8275	6.0344	0.0291	0.0311	0.0350
1997	361.49	347.98	432.53	5.8902	5.8521	6.0697	0.0227	0.0247	0.0353
1998	367.12	354.75	450.80	5.9057	5.8714	6.1110	0.0155	0.0193	0.0414
1999	375.23	362.73	477.25	5.9275	5.8936	6.1680	0.0218	0.0222	0.0570

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.98061522
R Square	0.96160621
Adjusted R Squ	0.95853471
Standard Error	0.00610425
Observations	28

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	0.02333139	0.01166569	313.07351063	2.0103E-18
Residual	25	0.00093155	3.72618E-05		
Total	27	0.02426293			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-0.01477794	0.00323514	-4.56793873	0.00011420	-0.02144084	-0.00811504	-0.02144084	-0.00811504
X Variable 1	0.75422391	0.08036548	9.38492380	1.13633E-09	0.58870822	0.91973960	0.58870822	0.91973960
X Variable 2	0.46903816	0.09155394	5.12308003	0.00002711	0.28047943	0.65759690	0.28047943	0.65759690

0.75422391	0.6166
0.46903816	0.3834 α
1.22326208	1

Table C2
Canada Data - Estimation of β

Year	Canada: Base Period 1973 = 100			LN			Change		
	All Items	Food	Services	All Items	Food	Services	All Items	Food	Services
1971	88.61	86.60	89.75	4.4843	4.4613	4.4971			
1972	92.88	91.51	94.18	4.5313	4.5164	4.5452	0.0471	0.0551	0.0482
1973	100.00	100.00	100.00	4.6052	4.6052	4.6052	0.0738	0.0887	0.0600
1974	110.68	112.30	108.47	4.7066	4.7212	4.6864	0.1014	0.1160	0.0813
1975	122.78	125.07	119.62	4.8104	4.8289	4.7843	0.1038	0.1077	0.0979
1976	132.03	132.06	133.60	4.8830	4.8832	4.8948	0.0727	0.0544	0.1105
1977	142.35	142.34	145.77	4.9583	4.9582	4.9821	0.0753	0.0749	0.0872
1978	155.16	157.89	156.36	5.0445	5.0619	5.0522	0.0862	0.1037	0.0701
1979	169.40	174.58	167.32	5.1322	5.1624	5.1199	0.0878	0.1005	0.0677
1980	186.48	192.40	180.92	5.2283	5.2596	5.1981	0.0961	0.0972	0.0782
1981	209.61	213.69	202.62	5.3452	5.3645	5.3113	0.1169	0.1050	0.1133
1982	232.38	232.54	228.25	5.4484	5.4491	5.4305	0.1032	0.0845	0.1191
1983	245.91	243.92	243.26	5.5050	5.4969	5.4941	0.0566	0.0478	0.0637
1984	256.58	255.49	252.63	5.5475	5.5432	5.5319	0.0425	0.0463	0.0378
1985	266.90	263.98	262.01	5.5869	5.5759	5.5684	0.0394	0.0327	0.0365
1986	277.84	277.72	272.88	5.6274	5.6266	5.6090	0.0405	0.0507	0.0407
1987	290.04	290.07	284.59	5.6700	5.6711	5.6510	0.0426	0.0435	0.0420
1988	301.78	300.58	297.32	5.7097	5.7057	5.6948	0.0397	0.0356	0.0438
1989	316.73	314.39	313.79	5.7580	5.7506	5.7487	0.0483	0.0449	0.0539
1990	332.03	327.77	329.76	5.8052	5.7923	5.7984	0.0472	0.0417	0.0496
1991	350.53	345.11	347.38	5.8595	5.8439	5.8504	0.0542	0.0515	0.0521
1992	355.87	347.73	353.80	5.8746	5.8514	5.8687	0.0151	0.0076	0.0183
1993	362.28	354.14	359.86	5.8924	5.8697	5.8857	0.0178	0.0183	0.0170
1994	362.99	355.03	363.66	5.8944	5.8722	5.8962	0.0020	0.0025	0.0105
1995	370.82	363.04	370.98	5.9157	5.8945	5.9162	0.0213	0.0223	0.0199
1996	376.87	368.08	375.46	5.9319	5.9083	5.9282	0.0162	0.0138	0.0120
1997	382.92	373.99	379.78	5.9478	5.9242	5.9396	0.0159	0.0159	0.0114
1998	386.48	379.40	384.81	5.9571	5.9386	5.9527	0.0093	0.0144	0.0132
1999	393.24	384.60	390.51	5.9744	5.9522	5.9674	0.0173	0.0136	0.0147

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.99371344
R Square	0.98746641
Adjusted R Squ	0.98646372
Standard Error	0.00388074
Observations	28

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	0.02966302	0.01483151	984.81963364	1.68246E-24
Residual	25	0.00037650	1.50601E-05		
Total	27	0.03003952			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-0.00036549	0.00142087	-0.25722798	0.79910814	-0.00329182	0.00256085	-0.00329182	0.00256085
X Variable 1	0.57827134	0.03919136	14.75507095	7.60344E-14	0.49755527	0.65898740	0.49755527	0.65898740
X Variable 2	0.43405684	0.04154577	10.44767926	1.31523E-10	0.34849180	0.51962189	0.34849180	0.51962189

0.57827134	0.5712
0.43405684	0.4288 β
1.01232818	1