

**Table 5.1**  
**Equation 1**  
**LHS Variable is  $\log(CS/POP)$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.04886	1.28	Lags	0.57	4	0.9665
AG1		-0.31479	-4.25	RHO=4	4.52	4	0.3401
AG2		-0.43822	-3.37	Leads +1	4.67	1	0.0308
AG3		0.78244	4.98	Leads +4	5.97	4	0.2017
$\log(CS/POP)_{-1}$		0.78978	19.32	Leads +8	8.68	2	0.0130
$\log[YD/(POP * PH)]$	*	0.10103	2.92				
RSA		-0.00118	-5.57				
$\log(AA/POP)_{-1}$		0.01861	3.88				
T		0.00042	4.36				
SE	0.00395						
R <sup>2</sup>	1.000						
DW	1.94						
OVERID (df = 13 p-value 0.0394)							
$\chi^2$ (AGE) = 37.23 (df = 3, p-value = 0.0000)							
	Stability Test				End Test		
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
22.44	1970.1	1979.4	2.28	1977.3	1.0000	1995.1	
22.37	1975.1	1984.4	2.25	1977.3			
17.21	1980.1	1989.4	2.39	1980.1			

Estimation period is 1954.1-2002.4

**Table 5.2**  
**Equation 2**  
**LHS Variable is  $\log(CN/POP)$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		-0.18820	-2.58	Lags	13.90	4	0.0076
AG1		-0.08366	-0.86	RHO=4	17.40	4	0.0016
AG2		0.37639	2.18	T	0.10	1	0.7512
AG3		-0.17779	-1.17	Leads +1	4.32	1	0.0376
$\log(CN/POP)_{-1}$		0.78815	21.97	Leads +4	4.08	4	0.3947
$\Delta \log(CN/POP)_{-1}$		0.14057	2.23	Leads +8	3.54	2	0.1706
$\log(AA/POP)_{-1}$		0.04619	4.58				
$\log[YD/(POP * PH)]$	*	0.10051	4.44				
RMA		-0.00183	-4.50				
SE	0.00610						
R <sup>2</sup>	0.999						
DW	1.92						
OVERID (df = 13 p-value 0.1855)							
$\chi^2$ (AGE) = 9.21 (df = 3, p-value = 0.0266)							
	Stability Test				End Test		
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
14.92	1970.1	1979.4	2.28	1975.1	0.8647	1995.1	
15.98	1975.1	1984.4	2.25	1981.1			
15.72	1980.1	1989.4	2.39	1981.1			

Estimation period is 1954.1-2002.4

**Table 5.3**  
**Equation 3**  
**LHS Variable is  $CD/POP - (CD/POP)_{-1}$**

RHS Variable	Equation		Test	$\chi^2$ Tests		
	Coef.	t-stat.		$\chi^2$	df	p-value
cnst	-0.22256	-1.61	Lags	0.79	4	0.9394
AG1	0.06348	0.27	RHO=4	14.74	4	0.0053
AG2	2.73182	4.49	T	4.58	1	0.0323
AG3	-2.11975	-4.14	Leads +1	7.01	1	0.0081
DELD	*	0.33325	Leads +4	9.50	4	0.0497
$(KD/POP)_{-1}$	-					
$(CD/POP)_{-1}$						
$(KD/POP)_{-1}$	-0.02570	-4.20	Leads +8	12.04	2	0.0024
$YD/(POP * PH)$	0.10669	4.55				
$RMA * CDA$	-0.00421	-2.69				
$(AA/POP)_{-1}$	0.00042	2.55				
SE	0.01464					
R <sup>2</sup>	0.199					
DW	2.13					
OVERID (df = 9 p-value 0.0626)						
$\chi^2$ (AGE) = 22.15 (df = 3, p-value = 0.0001)						
	Stability Test			End Test		
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End
12.27	1970.1	1979.4	2.28	1975.3	0.0602	1995.1
15.62	1975.1	1984.4	2.25	1984.4		
16.53	1980.1	1989.4	2.39	1985.4		

Estimation period is 1954.1-2002.4

**Table 5.4**  
**Equation 4**  
**LHS Variable is  $IHH/POP - (IHH/POP)_{-1}$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.34124	4.24	Lags	2.23	3	0.5258
<i>DELH</i>	*	0.53796	7.89	RHO=4	0.92	2	0.6308
$(KH/POP)_{-1}$	-						
$(IHH/POP)_{-1}$							
$(KH/POP)_{-1}$		-0.03320	-3.51	<i>T</i>	4.37	1	0.0365
$YD/(POP * PH)$		0.14261	3.85	Leads +1	0.23	1	0.6337
$RMA_{-1} * IHHA$		-0.02949	-6.20	Leads +4	7.74	4	0.1017
RHO1		0.61959	7.85	Leads +8	3.66	2	0.1605
RHO2		0.23446	3.19				
SE	0.00972						
R <sup>2</sup>	0.359						
DW	1.97						
OVERID (df = 17 p-value 0.2834)							
$\chi^2$ (AGE) = 2.70 (df = 3, p-value = 0.4402)							
		Stability Test			End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
6.78	1970.1	1979.4	2.28	1975.1	0.7293	1995.1	
5.59	1975.1	1984.4	2.25	1975.1			
2.78	1980.1	1989.4	2.39	1989.4			

Estimation period is 1954.1-2002.4

**Table 5.5**  
**Equation 5**  
**LHS Variable is  $\log(L1/POP1)$**

RHS Variable	Equation		Test	$\chi^2$ Tests		
	Coef.	t-stat.		$\chi^2$	df	p-value
cnst	0.01917	2.39	Lags	4.52	3	0.2105
$\log(L1/POP1)_{-1}$	0.93043	31.53	RHO=4	44.04	4	0.0000
$\log(AA/POP)_{-1}$	-0.00512	-2.46	T	4.82	1	0.0281
UR	-0.02261	-1.50				
SE	0.00211					
R <sup>2</sup>	0.989					
DW	2.22					
OVERID (df = 9 p-value 0.0507)						
Stability Test				End Test		
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End
6.87	1970.1	1979.4	2.28	1970.2	0.5188	1995.1
0.40	1975.1	1984.4	2.25	1984.4		
1.18	1980.1	1989.4	2.39	1989.4		

Estimation period is 1954.1-2002.4

**Table 5.6**  
**Equation 6**  
**LHS Variable is  $\log(L2/POP2)$**

RHS Variable	Equation			Test	$\chi^2$ Tests		
	Coef.	t-stat.			$\chi^2$	df	p-value
cnst	0.03514	2.26		Lags	1.95	3	0.5828
$\log(L2/POP2)_{-1}$	0.99353	182.24		RHO=4	8.52	4	0.0742
$\log(WA/PH)$	0.01708	2.67		$T$	0.09	1	0.7713
$\log(AA/POP)_{-1}$	-0.00850	-2.69		Leads +1	0.35	1	0.5556
				Leads +4	9.51	4	0.0495
				Leads +8	2.56	2	0.2775
				$\log PH$	0.01	1	0.9363
SE	0.00574						
R <sup>2</sup>	0.999						
DW	2.15						
OVERID (df = 14 p-value 0.4167)							
	Stability Test				End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
6.61	1970.1	1979.4	2.28	1973.1	0.8872	1995.1	
2.69	1975.1	1984.4	2.25	1976.1			
1.96	1980.1	1989.4	2.39	1985.1			

Estimation period is 1954.1-2002.4

**Table 5.7**  
**Equation 7**  
**LHS Variable is  $\log(L3/POP3)$**

RHS Variable	Equation		Test	$\chi^2$ Tests		
	Coef.	t-stat.		$\chi^2$	df	p-value
cnst	0.01655	1.17	Lags	5.48	4	0.2413
$\log(L3/POP3)_{-1}$	0.97772	57.80	RHO=4	3.00	4	0.5572
$\log(WA/PH)$	0.00809	1.32	<i>T</i>	0.88	1	0.3492
$\log(AA/POP)_{-1}$	-0.00621	-1.33	Leads +1	0.06	1	0.8092
<i>UR</i>	-0.12593	-3.42	Leads +8	1.03	2	0.5983
			$\log PH$	0.51	1	0.4744
SE	0.00544					
R <sup>2</sup>	0.985					
DW	2.06					
OVERID (df = 8 p-value 0.3142)						
	Stability Test				End Test	
AP	<i>T</i> <sub>1</sub>	<i>T</i> <sub>2</sub>	$\lambda$	Break	p-value	End
6.49	1970.1	1979.4	2.28	1970.1	0.4662	1995.1
5.80	1975.1	1984.4	2.25	1979.2		
8.30	1980.1	1989.4	2.39	1989.4		

Estimation period is 1954.1-2002.4

**Table 5.8**  
**Equation 8**  
**LHS Variable is  $\log(LM/POP)$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		-0.21788	-3.41	Lags	9.04	3	0.0287
$\log(LM/POP)_{-1}$		0.90464	42.59	RHO=4	4.77	4	0.3120
$\log(WA/PH)$		0.13786	3.98	<i>T</i>	9.24	1	0.0024
<i>UR</i>		-2.32734	-5.18	Leads +1	1.15	1	0.2845
				Leads +4	2.54	4	0.6371
				Leads +8	1.59	2	0.4506
				$\log PH$	7.37	1	0.0066
SE	0.06433						
R <sup>2</sup>	0.956						
DW	1.98						
OVERID (df = 15 p-value 0.0907)							
	Stability Test				End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
9.46	1970.1	1979.4	2.28	1979.2	1.0000	1995.1	
9.78	1975.1	1984.4	2.25	1980.1			
9.95	1980.1	1989.4	2.39	1989.4			

Estimation period is 1954.1-2002.4



**Table 5.9**  
**Equation 9**  
**LHS Variable is  $\log[MH/(POP * PH)]$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.98815	0.19	log[(MH/(POP * PH)) <sub>-1</sub> Lags	1.02	1	0.3117
log[MH <sub>-1</sub> /(POP <sub>-1</sub> * PH)]		0.71984	11.69		5.97	3	0.1133
log[YD/(POP PH)]	*	0.37445	1.55				
RSA		-0.01228	-4.02				
T		-0.00632	-0.46				
D981		-0.12346	-4.43				
RHO1		0.13702	1.66				
RHO2		0.32161	4.65				
RHO3		0.10348	1.47				
RHO4		0.42051	5.91				
SE	0.03175						
R <sup>2</sup>	0.968						
DW	2.01						
OVERID (df = 30 p-value 0.2201)							
$\chi^2$ (AGE) = 3.07 (df = 3, p-value = 0.3811)							
	Stability Test				End Test		
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
15.44	1970.1	1979.4	2.28	1979.1	0.1203	1995.1	
20.92	1975.1	1984.4	2.25	1984.1			
23.64	1980.1	1989.4	2.39	1986.1			

Estimation period is 1954.1-2002.4

**Table 5.10**  
**Equation 10**  
**LHS Variable is log PF**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
$\log PF_{-1}$		0.88029	79.15	Lags	4.02	4	0.4034
$\log[WF * (1 + D5G)] - \log LAM$		0.04450	3.32	RHO=4	5.35	4	0.2529
cnst		-0.02359	-2.22	Leads +1	3.06	1	0.0804
$\log PIM$		0.04791	21.09	Leads +4	3.27	4	0.5142
$UR$		-0.17729	-7.55	Leads +8	3.07	2	0.2155
$T$		0.00030	9.84	$\log[(YS - Y)/YS + .04]$	0.05	1	0.8268
				$(YS - Y)/YS$	0.02	1	0.8912
SE	0.00332						
R <sup>2</sup>	1.000						
DW	1.79						
OVERID (df = 8 p-value 0.3309)							
Stability Test				End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
12.80	1970.1	1979.4	2.28	1972.2	1.0000	1995.1	
8.80	1975.1	1984.4	2.25	1978.2			
8.02	1980.1	1989.4	2.39	1981.3			

Estimation period is 1954.1-2002.4

**Table 5.11**  
**Equation 11**  
**LHS Variable is log Y**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.26881	4.35	Lags	4.20	2	0.1225
log $Y_{-1}$		0.31954	6.86	RHO=4	2.16	1	0.1419
log $X$		0.87507	17.12	$T$	0.16	1	0.6881
log $V_{-1}$		-0.23931	-8.30	Leads +1	2.41	1	0.1203
$D593$		-0.01155	-3.11	Leads +4	2.61	4	0.6254
$D594$		-0.00413	-1.12	Leads +8	1.29	2	0.5240
$D601$		0.00870	2.36				
RHO1		0.40731	5.17				
RHO2		0.31516	4.24				
RHO3		0.19213	2.61				
SE	0.00403						
$R^2$	1.000						
DW	2.02						
OVERID (df = 20 p-value 0.0918)							
Stability Test				End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
6.85	1970.1	1979.4	2.28	1973.4	0.8647	1995.1	
6.19	1975.1	1984.4	2.25	1979.4			
5.13	1980.1	1989.4	2.39	1980.2			

Estimation period is 1954.1-2002.4

**Table 5.12**  
**Equation 12**  
**LHS Variable is  $\Delta \log K K$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.00003	0.19	Lags	5.30	5	0.3807
$\log(K K / K K M I N)_{-1}$		-0.00667	-2.53	RHO=4	0.63	4	0.9595
$\Delta \log K K_{-1}$		0.93745	58.04	T	0.87	1	0.3511
$\Delta \log Y$		0.04045	4.10	Leads +1	0.04	1	0.8420
$\Delta \log Y_{-1}$		0.00579	1.22	Leads +4	2.50	4	0.6446
$\Delta \log Y_{-2}$		0.00469	1.10	Leads +8	3.43	2	0.1799
$\Delta \log Y_{-3}$		0.00800	1.97				
$\Delta \log Y_{-4}$		0.00570	1.45				
$RBA_{-2} - p_{4-2}^e$		-0.00004	-2.42				
$(CG_{-2} + CG_{-3} + CG_{-4}) / (PX_{-2} * YS_{-2} + PX_{-3} * YS_{-3} + PX_{-4} * YS_{-4})$		0.00047	2.14				
SE	0.00044						
R <sup>2</sup>	0.970						
DW	2.03						
OVERID (df = 8 p-value 0.5814)							
Stability Test				End Test			
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
5.53	1970.1	1979.4	2.28	1975.1	0.2707	1995.1	
6.17	1975.1	1984.4	2.25	1982.1			
6.21	1980.1	1989.4	2.39	1982.1			

Estimation period is 1954.1-2002.4

**Table 5.13**  
**Equation 13**  
**LHS Variable is  $\Delta \log JF$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.00204	3.12	Lags	4.30	3	0.2306
$\log(JF/JHMIN)_{-1}$		-0.10355	-5.80	RHO=4	3.80	4	0.4342
$\Delta \log JF_{-1}$		0.45561	10.73	<i>T</i>	1.75	1	0.1854
$\Delta \log Y$		0.32976	9.27	Leads +1	0.23	1	0.6275
<i>D593</i>		-0.01458	-4.73	Leads +4	4.84	4	0.3037
				Leads +8	0.26	2	0.8795
SE	0.00297						
R <sup>2</sup>	0.771						
DW	1.98						
OVERID (df = 16 p-value 0.5285)							
	Stability Test				End Test		
AP	<i>T</i> <sub>1</sub>	<i>T</i> <sub>2</sub>	$\lambda$	Break	p-value	End	
3.48	1970.1	1979.4	2.28	1975.2	0.6617	1995.1	
3.50	1975.1	1984.4	2.25	1975.2			
2.27	1980.1	1989.4	2.39	1980.3			

Estimation period is 1954.1-2002.4

**Table 5.14**  
**Equation 14**  
**LHS Variable is  $\Delta \log HF$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		-0.00314	-5.08	Lags	5.98	3	0.1125
$\log(HF/HFS)_{-1}$		-0.21833	-5.52	RHO=4	6.01	4	0.1984
$\log(JF/JHMIN)_{-1}$		-0.04156	-2.54	<i>T</i>	0.04	1	0.8459
$\Delta \log Y$		0.19682	4.80	Leads +1	1.12	1	0.2899
				Leads +4	2.42	4	0.6598
				Leads +8	0.84	2	0.6565
SE	0.00275						
R <sup>2</sup>	0.321						
DW	2.06						
OVERID (df = 6 p-value 0.3297)							
	Stability Test				End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
10.07	1970.1	1979.4	2.28	1976.2	0.7594	1995.1	
10.90	1975.1	1984.4	2.25	1982.2			
11.23	1980.1	1989.4	2.39	1988.4			

Estimation period is 1954.1-2002.4

**Table 5.15**  
**Equation 15**  
**LHS Variable is log HO**

RHS Variable	Equation			Test	$\chi^2$ Tests		
	Coef.	t-stat.			$\chi^2$	df	p-value
cnst	3.98216	26.59		Lags	2.37	2	0.3065
<i>HFF</i>	0.01906	8.49		RHO=4	4.66	3	0.1985
<i>HFF</i> <sub>-1</sub>	0.01131	5.05		<i>T</i>	7.11	1	0.0077
RHO1	0.97526	54.39					
SE	0.04513						
R <sup>2</sup>	0.956						
DW	1.77						
	Stability Test				End Test		
AP	<i>T</i> <sub>1</sub>	<i>T</i> <sub>2</sub>	$\lambda$	Break	p-value	End	
2.76	1970.1	1979.4	2.40	1975.2	1.0000	1995.1	
4.85	1975.1	1984.4	2.32	1984.4			
5.38	1980.1	1989.4	2.45	1985.3			

Estimation period is 1956.1-2002.4

**Table 5.16**  
**Equation 16**  
**LHS Variable is  $\log WF - \log LAM$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
$\log WF_{-1}$	—	0.92994	39.97	Real Wage Restr. <sup>b</sup>	0.00	1	0.9717
$\log LAM_{-1}$							
$\log PF$		0.81151	16.25	Lags	3.07	1	0.0795
cnst		-0.05756	-4.22	RHO=4	3.14	4	0.5339
$T$		0.00011	2.77	UR	0.06	1	0.8103
$\log PF_{-1}^a$		-0.75628	0.00				
SE	0.00695						
R <sup>2</sup>	0.890						
DW	1.72						
OVERID (df = 13 p-value 0.2135)							
Stability Test				End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
3.93	1970.1	1979.4	2.28	1970.3	0.5489	1995.1	
3.06	1975.1	1984.4	2.25	1977.3			
2.39	1980.1	1989.4	2.39	1981.1			

Estimation period is 1954.1-2002.4

<sup>a</sup>Coefficient constrained. See the discussion in the text.

<sup>b</sup>Equation estimated with no restrictions on the coefficients.



**Table 5.17**  
**Equation 17**  
**LHS Variable is  $\log(MF/PF)$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.09741	1.71	$\log(MF/PF)_{-1}$	0.05	1	0.8193
$\log(MF_{-1}/PF)$		0.94191	53.30	Lags	0.86	3	0.8348
$\log(X - FA)$		0.03969	4.09	RHO=4	2.20	4	0.6991
$[RS * (1 - D2G - D2S)]_{-1}$		-0.00546	-3.16	$T$	0.01	1	0.9298
$D981$		0.13893	4.90				
SE	0.02814						
R <sup>2</sup>	0.987						
DW	2.07						
OVERID (df = 14 p-value 0.1949)							
Stability Test				End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
1.72	1970.1	1979.4	2.28	1975.2	0.5188	1995.1	
3.37	1975.1	1984.4	2.25	1984.2			
6.29	1980.1	1989.4	2.39	1986.1			

Estimation period is 1954.1-2002.4

**Table 5.18**  
**Equation 18**  
**LHS Variable is  $\log(DF/DF_{-1})$**

RHS Variable	Equation		Test	$\chi^2$ Tests		
	Coef.	t-stat.		$\chi^2$	df	p-value
$\log[(PIEF - TFG - TFS)/DF]_{-1}$	0.02743	12.10	Restriction	2.49	1	0.1145
			Lags	6.64	2	0.0362
			RHO=4	16.50	4	0.0024
			$T$	2.54	1	0.1107
			cnst	0.88	1	0.3494
SE	0.02263					
R <sup>2</sup>	0.044					
DW	1.65					
OVERID (df = 7 p-value 0.1205)						
	Stability Test			End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End
4.39	1970.1	1979.4	2.28	1976.1	0.5113	1995.1
5.12	1975.1	1984.4	2.25	1984.4		
6.25	1980.1	1989.4	2.39	1986.1		

Estimation period is 1954.1-2002.4

**Table 5.19**  
**Equation 19**  
**LHS Variable is  $\Delta INT F / (-AF + 40)$**

RHS Variable	Equation		t-stat.	Test	$\chi^2$ Tests		
	Coef.				$\chi^2$	df	p-value
cnst			1.83	Restriction	1.16	1	0.2821
.75 * $RQ$	-		1.68	Lags	25.96	2	0.0000
$[INT F / (-AF + 40)]_{-1}$	+						
RHO1		0.45372	6.77	RHO=4	4.94	3	0.1764
				$T$	10.61	1	0.0011
SE	0.00065						
R <sup>2</sup>	0.198						
DW	2.00						
	Stability Test				End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
3.10	1970.1	1979.4	2.28	1977.1	0.0000	1995.1	
7.39	1975.1	1984.4	2.25	1983.1			
7.63	1980.1	1989.4	2.39	1983.1			

Estimation period is 1954.1-2002.4

**Table 5.20**  
**Equation 20**  
**LHS Variable is  $IVA$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
$(PX - PX_{-1}) * V_{-1}$		-0.27148	-4.66	Lags	2.20	2	0.3327
RHO1		0.80768	18.27	RHO=4	6.34	3	0.0960
				$T$	1.05	1	0.3044
SE	1.75969						
R <sup>2</sup>	0.713						
DW	1.97						
	Stability Test			End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
2.81	1970.1	1979.4	2.28	1974.4	0.1353	1995.1	
6.74	1975.1	1984.4	2.25	1981.2			
7.39	1980.1	1989.4	2.39	1989.2			

Estimation period is 1954.1-2002.4

**Table 5.21**  
**Equation 21**  
**LHS Variable is  $\log(CCF/CCF_{-1})$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
$\log[(PIK$ $IKF)/CCF_{-1}]$	*	0.05998	7.72	Restriction	0.61	1	0.4338
cnst		0.00340	1.55	Lags	5.82	2	0.0545
D621		0.05787	6.31	RHO=4	8.66	3	0.0341
D722		0.05331	5.58	T	0.69	1	0.4072
D723		-0.04564	-4.77				
D923		0.07378	7.69				
D924		-0.07868	-8.15				
D941		0.07423	7.74				
D942		-0.05301	-5.50				
D013		0.04753	4.96				
D014		0.11267	11.77				
RHO1		0.30776	4.49				
SE	0.00958						
R <sup>2</sup>	0.745						
DW	2.05						
	Stability Test			End Test			
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
4.69	1970.1	1979.4	2.28	1974.2	0.5038	1995.1	
3.77	1975.1	1984.4	2.25	1976.2			
2.29	1980.1	1989.4	2.39	1980.1			

Estimation period is 1954.1-2002.4

**Table 5.22**  
**Equation 22**  
**LHS Variable is  $BO/BR$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.00114	0.37	Lags	11.11	3	0.0111
$(BO/BR)_{-1}$		0.35239	5.15	RHO=4	30.28	4	0.0000
RS		0.00454	1.37	T	6.49	1	0.0108
RD		-0.00224	-0.73				
SE	0.01913						
R <sup>2</sup>	0.328						
DW	2.09						
OVERID (df = 16 p-value 0.0970)							
Stability Test				End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
9.27	1970.1	1979.4	2.28	1975.1	0.8346	1995.1	
9.27	1975.1	1984.4	2.25	1975.1			
7.73	1980.1	1989.4	2.39	1984.3			

Estimation period is 1954.1-2002.4

**Table 5.23**  
**Equation 23**  
**LHS Variable is  $RB - RS_{-2}$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.23087	4.88	Restriction	0.48	1	0.4861
$RB_{-1} - RS_{-2}$		0.89461	45.14	Lags	0.54	2	0.7654
$RS - RS_{-2}$		0.30160	6.93	RHO=4	5.04	3	0.1686
$RS_{-1} - RS_{-2}$		-0.23629	-4.65	$T$	3.99	1	0.0458
RHO1		0.24602	3.37	Leads +1	0.01	1	0.9214
				$p_4^e$	1.44	1	0.2295
				$p_8^e$	1.64	1	0.2001
SE	0.25948						
R <sup>2</sup>	0.958						
DW	2.03						
OVERID (df = 15 p-value 0.1730)							
Stability Test				End Test			
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
3.42	1970.1	1979.4	2.28	1979.4	0.3910	1995.1	
4.94	1975.1	1984.4	2.25	1984.4			
5.39	1980.1	1989.4	2.39	1984.4			

Estimation period is 1954.1-2002.4

**Table 5.24**  
**Equation 24**  
**LHS Variable is  $RM - RS_{-2}$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.42774	5.65	Restriction	1.04	1	0.3083
$RM_{-1} - RS_{-2}$		0.85889	35.94	Lags	0.86	2	0.6507
$RS - RS_{-2}$		0.25730	3.92	RHO=4	1.65	4	0.8006
$RS_{-1} - RS_{-2}$		-0.03327	-0.39	$T$	0.97	1	0.3249
				Leads +1	1.07	1	0.3014
				Leads +4	3.97	4	0.4103
				Leads +8	6.03	2	0.0490
				$p_4^e$	1.26	1	0.2609
				$p_8^e$	1.54	1	0.2149
SE	0.35624						
R <sup>2</sup>	0.893						
DW	1.89						
OVERID (df = 13 p-value 0.0989)							
	Stability Test				End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
3.59	1970.1	1979.4	2.28	1979.4	0.4135	1995.1	
11.72	1975.1	1984.4	2.25	1984.4			
11.86	1980.1	1989.4	2.39	1984.4			

Estimation period is 1954.1-2002.4



**Table 5.25**  
**Equation 25**  
**LHS Variable is  $CG/(PX_{-1} * YS_{-1})$**

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.12229	4.18	Lags	0.58	3	0.8998
$\Delta RB$		-0.21311	-1.75	RHO=4	2.13	4	0.7119
$[\Delta(PIEF - TFG - TFS + PX * PIEB - TBG - TBS)]/(PX_{-1} * YS_{-1})$		3.16171	0.25	T	0.16	1	0.6925
				Leads +1	1.34	2	0.5109
				Leads +4	3.31	8	0.9133
				Leads +8	6.75	4	0.1495
				$\Delta RS$	2.12	1	0.1457
SE	0.35390						
R <sup>2</sup>	0.022						
DW	2.03						
OVERID (df = 17 p-value 0.6058)							
Stability Test				End Test			
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
2.37	1970.1	1979.4	2.28	1974.4	0.0000	1995.1	
2.58	1975.1	1984.4	2.25	1979.1			
2.31	1980.1	1989.4	2.39	1989.3			

Estimation period is 1954.1-2002.4

**Table 5.26**  
**Equation 26**  
**LHS Variable is  $\log[CUR/(POP * PF)]$**

RHS Variable	Equation			$\chi^2$ Tests			p-value
	Coef.	t-stat.	Test	$\chi^2$	df		
cnst	-0.05273	-7.28	$\log[CUR/(POP * PF)]_{-1}$	5.83	1	0.0158	
$\log CUR_{-1}/(POP_{-1} * PF)$	0.96336	130.58	Lags	5.54	3	0.1361	
$\log[(X - FA)/POP]$	0.04829	7.37	RHO=4	2.87	3	0.4115	
RSA	-0.00108	-2.19	T	0.25	1	0.6170	
RHO1	-0.31054	-4.57					
SE	0.01146						
R <sup>2</sup>	0.998						
DW	2.00						
OVERID (df = 17 p-value 0.6622)							
Stability Test				End Test			
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End	
3.34	1970.1	1979.4	2.28	1974.1	0.0000	1995.1	
7.37	1975.1	1984.4	2.25	1984.4			
8.67	1980.1	1989.4	2.39	1984.4			

Estimation period is 1954.1-2002.4

**Table 5.27**  
**Equation 27**  
**LHS Variable is  $\log(IM/POP)$**

RHS Variable	Equation Coef.	t-stat.	Test	$\chi^2$ Tests		
				$\chi^2$	df	p-value
cnst	-3.58496	-6.96	Lags	10.49	3	0.0148
$\log(IM/POP)_{-1}$	0.21260	1.92	RHO=4	5.03	2	0.0808
$\log[(CS + CN + CD + IHH + IKF + IKH + IKB + IHF + IHB)/POP]$	1.79354	6.99	T	0.58	1	0.4452
$\log(PF/PIM)$	0.19459	3.58	Leads +1	2.07	1	0.1505
D691	-0.13092	-5.44	Leads +4	3.74	4	0.4429
D692	0.06293	2.14	Leads +8	1.89	2	0.3886
D714	-0.07814	-3.26	$\log PF$	0.01	1	0.9226
D721	0.05793	2.20				
RHO1	0.54448	4.49				
RHO2	0.24762	2.60				
SE	0.02659					
R <sup>2</sup>	0.998					
DW	2.03					
OVERID (df = 23 p-value 0.2176)						
	Stability Test				End Test	
AP	T <sub>1</sub>	T <sub>2</sub>	$\lambda$	Break	p-value	End
10.31	1973.1	1979.4	1.75	1975.1	0.9398	1995.1
9.20	1975.1	1984.4	2.25	1975.1		
3.80	1980.1	1989.4	2.39	1980.3		

Estimation period is 1954.1-2002.4

**Table 5.28**  
**Equation 28**  
**LHS Variable is log UB**

RHS Variable	Equation		Test	$\chi^2$ Tests		
	Coef.	t-stat.		$\chi^2$	df	p-value
cnst	1.00735	1.87	Lags	6.48	3	0.0903
log $UB_{-1}$	0.28009	3.27	RHO=4	1.42	3	0.7021
log $U$	1.11048	5.48	$T$	7.09	1	0.0077
log $WF$	0.47172	4.66				
RHO1	0.90795	21.67				
SE	0.06482					
R <sup>2</sup>	0.996					
DW	2.12					
OVERID (df = 11 p-value 0.0508)						
	Stability Test				End Test	
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End
18.01	1970.1	1979.4	2.28	1975.2	0.9323	1995.1
18.74	1975.1	1984.4	2.25	1980.4		
18.32	1980.1	1989.4	2.39	1980.4		

Estimation period is 1954.1-2002.4

**Table 5.29**  
**Equation 29**  
**LHS Variable is  $\Delta INTG/(-AG)$**

RHS Variable	Equation			Test	$\chi^2$ Tests		
	Coef.	t-stat.			$\chi^2$	df	p-value
cnst	0.00040	3.31		Restriction	23.46	1	0.0000
.75 * $RQ$ [ $INTG/(-AG)$ ] <sub>-1</sub>	- 0.05980	3.29		Lags	108.93	2	0.0000
				RHO=4	146.81	4	0.0000
				$T$	0.98	1	0.3229
SE	0.00072						
R <sup>2</sup>	0.052						
DW	1.15						
	Stability Test				End Test		
AP	$T_1$	$T_2$	$\lambda$	Break	p-value	End	
5.10	1970.1	1979.4	2.28	1975.1	0.7594	1995.1	
17.54	1975.1	1984.4	2.25	1982.1			
17.54	1980.1	1989.4	2.39	1982.1			

Estimation period is 1954.1-2002.4

**Table 5.30**  
**Equation 30**  
**LHS Variable is *RS***

RHS Variable	Equation	Coef.	t-stat.	Test	$\chi^2$ Tests		
					$\chi^2$	df	p-value
cnst		0.74733	4.89	Lags	5.96	4	0.2025
$RS_{-1}$		0.91101	46.65	RHO=4	5.90	4	0.2066
$100 * [(PD/PD_{-1})^4 - 1]$		0.08054	4.51	$T$	0.02	1	0.8767
$UR$		-11.45501	-3.71	Leads +1	0.62	2	0.7346
$\Delta UR$		-76.39760	-5.71	Leads +4	4.26	8	0.8329
$PCM1_{-1}$		0.01072	1.84	Leads +8	2.83	4	0.5859
$D794823 * PCM1_{-1}$		0.21627	9.50	$p_4^e$	0.36	1	0.5500
$\Delta RS_{-1}$		0.22239	3.93	$p_8^e$	2.14	1	0.1436
$\Delta RS_{-2}$		-0.32919	-6.41				

SE 0.47555

R<sup>2</sup> 0.970

DW 1.83

OVERID (df = 12 p-value 0.0854)

End Test: p-value = 0.9098 End = 1995.1

Estimation period is 1954.1-2002.4

Stability test: 1954.1-1979.3 versus 1982.4-2002.4.

Wald statistic is 15.34 (8 degrees of freedom).