

ภาคผนวก

ผลการวิเคราะห์ข้อมูล

แบบจำลองที่ 1 ครั้งที่ 1

ตาราง ผ1. ผลการวิเคราะห์แบบจำลองที่ 1 ครั้งที่ 1

Dependent Variable: PRT5
 Method: Least Squares
 Date: 01/31/09 Time: 15:29
 Sample: 1 244
 Included observations: 244

$$\begin{aligned} \text{PRT5} = & C(1) + C(2)*\text{PRT} + C(3)*\text{EXC} + C(4)*\text{INT} + C(5)*\text{POF1} + C(6)*\text{POF2} \\ & + C(7)*\text{POF3} + C(8)*\text{POF4} + C(9)*\text{POF5} + C(10)*\text{POF6} + C(11)*\text{PRF1} \\ & + C(12)*\text{PRF2} + C(13)*\text{PRF3} + C(14)*\text{PRF4} + C(15)*\text{PRF5} + C(16) \\ & * \text{PRF6} + C(17)*\text{QOF1} + C(18)*\text{QOF2} + C(19)*\text{QOF3} + C(20)*\text{QOF4} \\ & + C(21)*\text{QOF5} + C(22)*\text{QOF6} + C(23)*\text{QRF1} + C(24)*\text{QRF2} + C(25) \\ & * \text{QRF3} + C(26)*\text{QRF4} + C(27)*\text{QRF5} + C(28)*\text{QRF6} + C(29)*\text{D1} + C(30) \\ & * \text{D2} + C(31)*\text{D3} + C(32)*\text{D4} + C(33)*\text{D5} + C(34)*\text{D6} + C(35)*\text{D7} + C(36) \\ & * \text{D8} + C(37)*\text{D9} + C(38)*\text{D10} + C(39)*\text{D11} \end{aligned}$$

	Coefficient	Std. Error	t-Statistic	Prob.
C(1)	95.80528	26.05183	3.677488	0.0003
C(2)	0.702466	0.112639	6.236427	0.0000
C(3)	1.136428	0.875442	1.298120	0.1957
C(4)	-18.65179	2.993739	-6.230267	0.0000
C(5)	0.000111	0.000152	0.734921	0.4632
C(6)	-0.003110	0.001113	-2.793551	0.0057
C(7)	-1.20E-05	7.72E-05	-0.155605	0.8765
C(8)	0.003210	0.001649	1.946341	0.0530
C(9)	-6.35E-05	0.001376	-0.046142	0.9632
C(10)	5.27E-05	0.000134	0.392278	0.6953
C(11)	-0.109493	0.057873	-1.891953	0.0599
C(12)	-0.864086	0.125417	-6.889697	0.0000
C(13)	1.092245	0.198501	5.502479	0.0000
C(14)	0.764123	0.317995	2.402938	0.0172
C(15)	0.073353	0.328137	0.223543	0.8233
C(16)	-0.958377	0.259293	-3.696114	0.0003
C(17)	0.000267	0.000515	0.518669	0.6046
C(18)	0.002691	0.003361	0.800602	0.4243
C(19)	-0.001630	0.003457	-0.471373	0.6379
C(20)	0.001136	0.002331	0.487452	0.6265
C(21)	0.000500	0.000435	1.148272	0.2522
C(22)	-0.000344	0.000302	-1.136975	0.2569
C(23)	-0.001493	0.002248	-0.664034	0.5074
C(24)	0.001566	0.002223	0.704617	0.4818
C(25)	-6.51E-05	0.001361	-0.047824	0.9619
C(26)	-0.000238	0.000593	-0.400412	0.6893
C(27)	2.21E-05	8.14E-05	0.271329	0.7864

ตาราง ผ1. (ต่อ)

	Coefficient	Std. Error	t-Statistic	Prob.
C(28)	-4.39E-05	4.01E-05	-1.095157	0.2747
C(29)	13.30299	4.363540	3.048669	0.0026
C(30)	14.64346	4.417765	3.314676	0.0011
C(31)	13.71004	4.810487	2.850032	0.0048
C(32)	12.01298	4.767955	2.519524	0.0125
C(34)	19.59525	4.836284	4.051716	0.0001
C(35)	15.20947	5.221047	2.913108	0.0040
C(36)	15.55326	4.486770	3.466472	0.0006
C(37)	14.20770	3.704746	3.835001	0.0002
C(38)	10.13407	2.287002	4.431158	0.0000
C(39)	1.537723	1.580616	0.972863	0.3318
F-statistic	369.5387	Sig.		.000
R-squared	0.984680	Mean dependent var		81.96680
Adjusted R-squared	0.981841	S.D. dependent var		20.05806
S.E. of regression	2.702961	Akaike info criterion		4.972087
Sum squared resid	1497.730	Schwarz criterion		5.531061
Log likelihood	-567.5946	Durbin-Watson stat		0.911042

แบบจำลองที่ 1 ครั้งที่ 2

ตาราง ผ2. ผลการวิเคราะห์แบบจำลองที่ 1 ครั้งที่ 2

Dependent Variable: PRT5
 Method: Least Squares
 Date: 01/31/09 Time: 17:19
 Sample: 1 244

Included observations: 244

$$\text{PRT5} = \text{C}(1) + \text{C}(2) * \text{PRT} + \text{C}(4) * \text{INT} + \text{C}(6) * \text{POF2} + \text{C}(8) * \text{POF4} + \text{C}(11) * \text{PRF1} \\
+ \text{C}(12) * \text{PRF2} + \text{C}(13) * \text{PRF3} + \text{C}(14) * \text{PRF4} + \text{C}(16) * \text{PRF6} + \text{C}(29) * \text{D1} \\
+ \text{C}(30) * \text{D2} + \text{C}(31) * \text{D3} + \text{C}(32) * \text{D4} + \text{C}(33) * \text{D5} + \text{C}(34) * \text{D6} + \text{C}(35) * \text{D7} \\
+ \text{C}(36) * \text{D8} + \text{C}(37) * \text{D9} + \text{C}(38) * \text{D10} + \text{C}(39) * \text{D11}$$

	Coefficient	Std. Error	t-Statistic	Prob.
C(1)	114.8860	15.83366	7.255810	0.0000
C(2)	0.680126	0.093808	7.250152	0.0000
C(4)	-15.38603	2.337389	-6.582570	0.0000
C(6)	-0.002163	0.000935	-2.312754	0.0216
C(8)	0.002213	0.000937	2.362101	0.0190
C(11)	-0.115922	0.054739	-2.117717	0.0353
C(12)	-0.870235	0.114377	-7.608487	0.0000
C(13)	1.068004	0.183083	5.833455	0.0000
C(14)	0.803536	0.260669	3.082598	0.0023
C(16)	-0.861245	0.142649	-6.037502	0.0000
C(29)	10.44060	3.050693	3.422370	0.0007
C(30)	10.55812	2.976252	3.547455	0.0005
C(31)	9.029314	2.754761	3.277713	0.0012
C(32)	8.424166	2.853848	2.951863	0.0035

ตาราง พ2. (ต่อ)

	Coefficient	Std. Error	t-Statistic	Prob.
C(33)	12.14859	3.059162	3.971214	0.0001
C(34)	18.80249	3.301089	5.695844	0.0000
C(35)	15.89381	3.376167	4.707648	0.0000
C(36)	15.98130	3.041986	5.253575	0.0000
C(37)	14.48857	2.805373	5.164577	0.0000
C(38)	9.810843	1.579184	6.212601	0.0000
C(39)	0.657134	1.400415	0.469242	0.6394
F-statistic	719.3316	Sig.		.000
R-squared	0.983884	Mean dependent var		81.96680
Adjusted R-squared	0.982439	S.D. dependent var		20.05806
S.E. of regression	2.658087	Akaike info criterion		4.875225
Sum squared resid	1575.590	Schwarz criterion		5.176211
Log likelihood	-573.7775	Durbin-Watson stat		0.895123

แบบจำลองที่ 2 ครั้งที่ 1

ตาราง พ3 ผลการวิเคราะห์แบบจำลองที่ 2 ครั้งที่ 1

Dependent Variable: PRT5
 Method: Least Squares
 Date: 01/31/09 Time: 15:36
 Sample: 1 244
 Included observations: 244

$$\begin{aligned} \text{PRT5} = & C(1) + C(2)*\text{PRT} + C(3)*\text{EXC} + C(4)*\text{INT} + C(5)*\text{POF1} + C(6)*\text{POF2} \\ & + C(7)*\text{POF3} + C(8)*\text{POF4} + C(9)*\text{POF5} + C(10)*\text{POF6} + C(11)*\text{PRF1} \\ & + C(12)*\text{PRF2} + C(13)*\text{PRF3} + C(14)*\text{PRF4} + C(15)*\text{PRF5} + C(16) \\ & * \text{PRF6} + C(17)*\text{QOF1} + C(18)*\text{QOF2} + C(19)*\text{QOF3} + C(20)*\text{QOF4} \\ & + C(21)*\text{QOF5} + C(22)*\text{QOF6} + C(23)*\text{QRF1} + C(24)*\text{QRF2} + C(25) \\ & * \text{QRF3} + C(26)*\text{QRF4} + C(27)*\text{QRF5} + C(28)*\text{QRF6} + C(29)*\text{D1} + C(30) \\ & * \text{D2} + C(31)*\text{D3} + C(32)*\text{D4} + C(33)*\text{D5} + C(34)*\text{D6} + C(35)*\text{D7} + C(36) \\ & * \text{D8} + C(37)*\text{D9} + C(38)*\text{D10} + C(39)*\text{D11} \end{aligned}$$

	Coefficient	Std. Error	t-Statistic	Prob.
C(1)	1.981540	1.646983	1.203133	0.2303
C(2)	0.644656	0.124724	5.168645	0.0000
C(3)	0.488297	0.495185	0.986089	0.3253
C(4)	-2.684013	0.367760	-7.298284	0.0000
C(5)	0.226323	0.129692	1.745072	0.0825
C(6)	-4.140803	0.841176	-4.922634	0.0000
C(7)	0.009092	0.077020	0.118049	0.9061
C(8)	3.993575	1.407975	2.836396	0.0050
C(9)	0.175855	1.133117	0.155196	0.8768
C(10)	-0.040170	0.114731	-0.350123	0.7266

ตาราง ผ3 (ต่อ)

	Coefficient	Std. Error	t-Statistic	Prob.
C(11)	-0.260660	0.235514	-1.106769	0.2697
C(12)	-2.755765	0.465375	-5.921596	0.0000
C(13)	2.959724	0.723384	4.091497	0.0001
C(14)	3.931367	1.085053	3.623201	0.0004
C(15)	0.087096	1.192674	0.073025	0.9419
C(16)	-3.866123	0.998706	-3.871132	0.0001
C(17)	0.003536	0.002562	1.380008	0.1691
C(18)	0.002647	0.004872	0.543267	0.5875
C(19)	-0.002642	0.005336	-0.495121	0.6210
C(20)	-0.001218	0.005878	-0.207247	0.8360
C(21)	0.006666	0.004638	1.437239	0.1522
C(22)	-0.003978	0.006760	-0.588490	0.5569
C(23)	-0.007849	0.004120	-1.905238	0.0581
C(24)	0.016714	0.006156	2.715069	0.0072
C(25)	-0.004849	0.007334	-0.661150	0.5093
C(26)	0.002812	0.008516	0.330171	0.7416
C(27)	-0.006210	0.007083	-0.876736	0.3817
C(28)	-0.008656	0.012418	-0.696998	0.4866
C(29)	0.198789	0.070623	2.814798	0.0054
C(30)	0.210586	0.071392	2.949701	0.0036
C(31)	0.196017	0.079096	2.478202	0.0140
C(32)	0.166910	0.078536	2.125258	0.0348
C(33)	0.153910	0.078169	1.968935	0.0503
C(34)	0.260023	0.079223	3.282181	0.0012
C(35)	0.220524	0.082638	2.668554	0.0082
C(36)	0.211085	0.074120	2.847868	0.0048
C(37)	0.195866	0.065644	2.983773	0.0032
C(38)	0.158185	0.046738	3.384526	0.0009
C(39)	0.015961	0.030039	0.531334	0.5958
F-statistic	271.7690	Sig.		.000
R-squared	0.980520	Mean dependent var		4.367902
Adjusted R-squared	0.976909	S.D. dependent var		0.297069
S.E. of regression	0.045142	Akaike info criterion		-3.212495
Sum squared resid	0.417748	Schwarz criterion		-2.653521
Log likelihood	430.9244	Durbin-Watson stat		1.015070

แบบจำลองที่ 2 ครั้งที่ 2

ตาราง ผ4. ผลการวิเคราะห์แบบจำลองที่ 2 ครั้งที่ 2

Dependent Variable: PRT5

Method: Least Squares

Dependent Variable: PRT5

Method: Least Squares

Date: 02/02/09 Time: 01:57

Sample: 1 244

Included observations: 244

$$\begin{aligned} \text{PRT5} = & C(1) + C(2)*\text{PRT} + C(4)*\text{INT} + C(6)*\text{POF2} + C(8)*\text{POF4} + C(12)*\text{PRF2} \\ & + C(13)*\text{PRF3} + C(14)*\text{PRF4} + C(16)*\text{PRF6} + C(24)*\text{QRF2} + C(29)*\text{D1} \\ & + C(30)*\text{D2} + C(31)*\text{D3} + C(32)*\text{D4} + C(33)*\text{D5} + C(34)*\text{D6} + C(35)*\text{D7} \\ & + C(36)*\text{D8} + C(37)*\text{D9} + C(38)*\text{D10} + C(39)*\text{D11} \end{aligned}$$

	Coefficient	Std. Error	t-Statistic	Prob.
C(1)	4.286220	0.606831	7.063285	0.0000
C(2)	0.658989	0.108868	6.053078	0.0000
C(4)	-2.242861	0.287690	-7.796108	0.0000
C(6)	-3.217888	0.757568	-4.247654	0.0000
C(8)	3.267510	0.774905	4.216661	0.0000
C(12)	-3.212356	0.353148	-9.096344	0.0000
C(13)	2.615625	0.656249	3.985724	0.0001
C(14)	4.760133	0.891083	5.341965	0.0000
C(16)	-4.019979	0.574857	-6.993002	0.0000
C(24)	0.008660	0.004827	1.794246	0.0741
C(29)	0.217149	0.056711	3.829063	0.0002
C(30)	0.204748	0.054947	3.726295	0.0002
C(31)	0.186536	0.052543	3.550140	0.0005
C(32)	0.170104	0.053452	3.182369	0.0017
C(33)	0.194860	0.055245	3.527188	0.0005
C(34)	0.309453	0.057789	5.354852	0.0000
C(35)	0.286328	0.058707	4.877278	0.0000
C(36)	0.263821	0.055436	4.759012	0.0000
C(37)	0.238943	0.051701	4.621659	0.0000
C(38)	0.199706	0.032837	6.081814	0.0000
C(39)	0.019325	0.027065	0.714031	0.4760
F-statistic	440.6400	Sig.		.000
R-squared	0.978515	Mean dependent var		4.367902
Adjusted R-squared	0.976588	S.D. dependent var		0.297069
S.E. of regression	0.045455	Akaike info criterion		-3.262074
Sum squared resid	0.460744	Schwarz criterion		-2.961088
Log likelihood	418.9730	Durbin-Watson stat		0.946461