

## **BAB V**

### **KESIMPULAN DAN SARAN**

Dalam bab ini akan diuraikan kesimpulan dari hasil analisis yang telah dilakukan dan hubungan antara hasil analisis dengan teori yang berhubungan dengan penelitian yang dilakukan. Selanjutnya, pada bagian akhir tulisan ini akan diberikan beberapa saran.

#### **5.1. Kesimpulan**

Berdasarkan beberapa temuan dalam penelitian ini, peneliti mengambil kesimpulan sebagai berikut :

1. Ekspor (E) Propinsi Daerah Istimewa Yogyakarta berpengaruh positif dan signifikan terhadap Produk Domestik Regional Bruto (PDRB) Propinsi Daerah Istimewa Yogyakarta.
2. Produk Domestik Regional Bruto (PDRB) Propinsi Daerah Istimewa Yogyakarta berpengaruh positif dan signifikan terhadap Ekspor (E) Propinsi Daerah Istimewa Yogyakarta.

Jadi variabel Ekspor (E) dan Produk Domestik Regional Bruto (PDRB) Propinsi Daerah Istimewa Yogyakarta selama periode pengamatan dari rentang waktu tahun 1981-2007 memiliki hubungan kausalitas dua arah. Produk Domestik Regional Bruto (PDRB) mempengaruhi Ekspor dan Ekspor mempengaruhi Produk Domestik Regional Bruto (PDRB).

## **5.2. Saran**

Berdasarkan hasil kesimpulan di atas, untuk itu penulis memberikan saran untuk pemerintah khususnya pemerintah Propinsi Daerah Istimewa Yogyakarta agar selalu mencari upaya untuk meningkatkan produk domestik regional bruto Propinsi Daerah Istimewa Yogyakarta, supaya tercipta peningkatan produk domestik regional bruto karena dampaknya akan mempengaruhi ekspor dan kegiatan yang mendukung PDRB Propinsi Daerah Istimewa Yogyakarta, dan sebaliknya ekspor juga membutuhkan perhatian penuh dari pemerintah, karena apabila di kesampingkan dampaknya akan berimbas pada kedua variabel tersebut dan dalam jangka panjang akan kurang baik pada pemerintahan Propinsi Daerah Istimewa Yogyakarta.

1. Pemerintah hendaknya memberikan keputusan dan kebijakan yang lebih baik pada kegiatan ekonomi yang memberikan kontribusi cukup besar pada produk domestik regional bruto (PDRB) Propinsi Daerah Istimewa Yogyakarta dan ekspor Propinsi Daerah Istimewa Yogyakarta.
2. Pemerintah sebagai stabilisator hendaknya juga selalu menciptakan lapangan kerja agar ekspor ke berbagai negara tujuan meningkat dan dapat memberikan kontribusi pada produk domestik regional bruto begitu pula sebaliknya.
3. Agar tercipta keselarasan antara ekspor (E) dan produk domestik regional bruto (PDRB) hendaknya keduanya saling mendukung dan bekerja sama untuk dapat menciptakan sebuah perekonomian yang sehat dan menjadi motivasi bagi daerah lain di Indonesia.

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## UJI STASIONERITAS

### UNIT ROOTS TEST

#### Variabel PDRB

##### 1. Model DF

Null Hypothesis: PDRB has a unit root

Exogenous: Constant

Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.863611	0.7811
Test critical values:		
1% level	-3.752946	
5% level	<b>-2.998064</b>	
10% level	-2.638752	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(PDRB)

Method: Least Squares

Date: 10/02/09 Time: 14:12

Sample(adjusted): 1985 2007

Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
PDRB(-1)	-0.070235	0.081327	<b>-0.863611</b>	0.3992
D(PDRB(-1))	-0.464393	0.235103	-1.975273	0.0638
D(PDRB(-2))	-0.037179	0.258661	-0.143736	0.8873
D(PDRB(-3))	0.018885	0.231409	0.081608	0.9359
C	596670.4	335197.6	1.780056	0.0920
R-squared	0.259133	Mean dependent var	218367.3	
Adjusted R-squared	0.094496	S.D. dependent var	616340.2	
S.E. of regression	586496.7	Akaike info criterion	29.59138	
Sum squared resid	6.19E+12	Schwarz criterion	29.83823	
Log likelihood	-335.3009	F-statistic	1.573968	
Durbin-Watson stat	2.034314	Prob(F-statistic)	0.224074	

## 2. Model ADF

Null Hypothesis: PDRB has a unit root  
 Exogenous: Constant, Linear Trend  
 Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.918699	0.6124
Test critical values:		
1% level	-4.416345	
5% level	<b>-3.622033</b>	
10% level	-3.248592	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(PDRB)

Method: Least Squares

Date: 10/02/09 Time: 14:13

Sample(adjusted): 1985 2007

Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
PDRB(-1)	-0.562506	0.293170	<b>-1.918699</b>	0.0720
D(PDRB(-1))	-0.126057	0.295748	-0.426231	0.6753
D(PDRB(-2))	0.209106	0.283113	0.738593	0.4702
D(PDRB(-3))	0.172476	0.236460	0.729408	0.4757
C	618780.3	318020.3	1.945726	0.0684
@TREND(1981)	115790.7	66531.55	1.740388	0.0999
R-squared	0.371174	Mean dependent var	218367.3	
Adjusted R-squared	0.186225	S.D. dependent var	616340.2	
S.E. of regression	555997.4	Akaike info criterion	29.51437	
Sum squared resid	5.26E+12	Schwarz criterion	29.81059	
Log likelihood	-333.4153	F-statistic	2.006897	
Durbin-Watson stat	2.130388	Prob(F-statistic)	0.129187	

## Variabel E

### 1. Model DF

Null Hypothesis: E has a unit root

Exogenous: Constant

Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.130534	0.6855
Test critical values:		
1% level	-3.752946	
5% level	<b>-2.998064</b>	
10% level	-2.638752	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(E)

Method: Least Squares

Date: 10/02/09 Time: 14:17

Sample(adjusted): 1985 2007

Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
E(-1)	-0.082054	0.072580	<b>-1.130534</b>	0.2731
D(E(-1))	-0.377351	0.226641	-1.664969	0.1132
D(E(-2))	-0.094566	0.240804	-0.392710	0.6991
D(E(-3))	-0.094070	0.230108	-0.408807	0.6875
C	5512.256	2629.277	2.096491	0.0504
R-squared	0.210180	Mean dependent var	1879.700	
Adjusted R-squared	0.034665	S.D. dependent var	5519.077	
S.E. of regression	5422.574	Akaike info criterion	20.22419	
Sum squared resid	5.29E+08	Schwarz criterion	20.47104	
Log likelihood	-227.5782	F-statistic	1.197504	
Durbin-Watson stat	2.079014	Prob(F-statistic)	0.345854	

## 2. Model ADF

Null Hypothesis: E has a unit root  
 Exogenous: Constant, Linear Trend  
 Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.529178	0.7890
Test critical values:		
1% level	-4.416345	
5% level	<b>-3.622033</b>	
10% level	-3.248592	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation  
 Dependent Variable: D(E)  
 Method: Least Squares  
 Date: 10/02/09 Time: 14:18  
 Sample(adjusted): 1985 2007  
 Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
E(-1)	-0.644215	0.421282	<b>-1.529178</b>	0.1446
D(E(-1))	0.049458	0.385352	0.128344	0.8994
D(E(-2))	0.258658	0.351431	0.736015	0.4718
D(E(-3))	0.125284	0.277243	0.451892	0.6571
C	1026.667	4193.624	0.244816	0.8095
@TREND(1981)	1358.506	1003.516	1.353747	0.1935
R-squared	0.287039	Mean dependent var	1879.700	
Adjusted R-squared	0.077344	S.D. dependent var	5519.077	
S.E. of regression	5301.348	Akaike info criterion	20.20877	
Sum squared resid	4.78E+08	Schwarz criterion	20.50498	
Log likelihood	-226.4008	F-statistic	1.368844	
Durbin-Watson stat	1.970294	Prob(F-statistic)	0.284590	



## UJI DERAJAT INTEGRASI 1

### Variabel PDRB

#### 1. Model DF

Null Hypothesis: D(PDRB) has a unit root

Exogenous: Constant

Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-2.174520	0.2202
Test critical values:		
1% level	-3.769597	
5% level	<b>-3.004861</b>	
10% level	-2.642242	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(PDRB,2)

Method: Least Squares

Date: 10/02/09 Time: 14:24

Sample(adjusted): 1986 2007

Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(PDRB(-1))	-1.470493	0.676238	<b>-2.174520</b>	0.0441
D(PDRB(-1),2)	-0.040596	0.573834	-0.070746	0.9444
D(PDRB(-2),2)	-0.114580	0.431740	-0.265390	0.7939
D(PDRB(-3),2)	-0.086636	0.239480	-0.361765	0.7220
C	327368.0	196667.9	1.664572	0.1143
R-squared	0.741177	Mean dependent var	-4434.136	
Adjusted R-squared	0.680277	S.D. dependent var	1083115.	
S.E. of regression	612436.9	Akaike info criterion	29.68500	
Sum squared resid	6.38E+12	Schwarz criterion	29.93296	
Log likelihood	-321.5350	F-statistic	12.17049	
Durbin-Watson stat	1.997082	Prob(F-statistic)	0.000075	

## 2. Model ADF

Null Hypothesis: D(PDRB) has a unit root  
 Exogenous: Constant, Linear Trend  
 Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-2.138981	0.4975
Test critical values:		
1% level	-4.440739	
5% level	<b>-3.632896</b>	
10% level	-3.254671	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation  
 Dependent Variable: D(PDRB,2)  
 Method: Least Squares  
 Date: 10/02/09 Time: 14:25  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(PDRB(-1))	-1.479435	0.691654	<b>-2.138981</b>	0.0482
D(PDRB(-1),2)	-0.041106	0.586729	-0.070059	0.9450
D(PDRB(-2),2)	-0.122852	0.441738	-0.278109	0.7845
D(PDRB(-3),2)	-0.092659	0.245145	-0.377978	0.7104
C	496810.3	387851.4	1.280929	0.2185
@TREND(1981)	-10798.98	21136.98	-0.510905	0.6164
R-squared	0.745332	Mean dependent var	-4434.136	
Adjusted R-squared	0.665748	S.D. dependent var	1083115.	
S.E. of regression	626198.2	Akaike info criterion	29.75972	
Sum squared resid	6.27E+12	Schwarz criterion	30.05728	
Log likelihood	-321.3569	F-statistic	9.365360	
Durbin-Watson stat	2.010495	Prob(F-statistic)	0.000255	

## Variabel E

### 1. Model DF

Null Hypothesis: D(E) has a unit root

Exogenous: Constant

Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-3.060784	0.0447
Test critical values:		
1% level	-3.769597	
5% level	<b>-3.004861</b>	
10% level	-2.642242	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(E,2)

Method: Least Squares

Date: 10/02/09 Time: 14:28

Sample(adjusted): 1986 2007

Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(E(-1))	-2.003778	0.654662	<b>-3.060784</b>	0.0071
D(E(-1),2)	0.563459	0.546960	1.030166	0.3174
D(E(-2),2)	0.422911	0.417005	1.014163	0.3247
D(E(-3),2)	0.218217	0.242811	0.898711	0.3814
C	3865.876	1733.582	2.229994	0.0395
R-squared	0.708224	Mean dependent var	-42.68182	
Adjusted R-squared	0.639571	S.D. dependent var	9365.120	
S.E. of regression	5622.421	Akaike info criterion	20.30363	
Sum squared resid	5.37E+08	Schwarz criterion	20.55159	
Log likelihood	-218.3399	F-statistic	10.31596	
Durbin-Watson stat	1.940668	Prob(F-statistic)	0.000199	

## 2. Model ADF

Null Hypothesis: D(E) has a unit root  
 Exogenous: Constant, Linear Trend  
 Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-3.236779	0.1032
Test critical values:		
1% level	-4.440739	
5% level	<b>-3.632896</b>	
10% level	-3.254671	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation  
 Dependent Variable: D(E,2)  
 Method: Least Squares  
 Date: 10/02/09 Time: 14:29  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(E(-1))	-2.143658	0.662281	<b>-3.236779</b>	0.0052
D(E(-1),2)	0.653047	0.549186	1.189119	0.2517
D(E(-2),2)	0.455160	0.415180	1.096297	0.2892
D(E(-3),2)	0.225300	0.241241	0.933921	0.3642
C	7452.952	3659.383	2.036669	0.0586
@TREND(1981)	-214.4312	193.0273	-1.110885	0.2830
R-squared	0.729117	Mean dependent var	-42.68182	
Adjusted R-squared	0.644466	S.D. dependent var	9365.120	
S.E. of regression	5584.110	Akaike info criterion	20.32024	
Sum squared resid	4.99E+08	Schwarz criterion	20.61780	
Log likelihood	-217.5226	F-statistic	8.613213	
Durbin-Watson stat	1.983827	Prob(F-statistic)	0.000406	



## UJI DERAJAT INTEGRASI 2

### Variabel PDRB

#### 1. Model DF

Null Hypothesis: D(PDRB,2) has a unit root

Exogenous: Constant

Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-3.788788	0.0100
Test critical values:		
1% level	-3.788030	
5% level	<b>-3.012363</b>	
10% level	-2.646119	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(PDRB,3)

Method: Least Squares

Date: 10/02/09 Time: 14:32

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(PDRB(-1),2)	-4.266828	1.126172	<b>-3.788788</b>	0.0016
D(PDRB(-1),3)	1.961814	0.946024	2.073747	0.0546
D(PDRB(-2),3)	0.913792	0.623027	1.466696	0.1618
D(PDRB(-3),3)	0.242072	0.262426	0.922439	0.3700
C	18043.56	152532.1	0.118294	0.9073
R-squared	0.908658	Mean dependent var	-4600.429	
Adjusted R-squared	0.885822	S.D. dependent var	2057042.	
S.E. of regression	695078.0	Akaike info criterion	29.94569	
Sum squared resid	7.73E+12	Schwarz criterion	30.19439	
Log likelihood	-309.4298	F-statistic	39.79145	
Durbin-Watson stat	1.834665	Prob(F-statistic)	0.000000	

## 2. Model ADF

Null Hypothesis: D(PDRB,2) has a unit root  
 Exogenous: Constant, Linear Trend  
 Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-3.691113	0.0459
Test critical values:		
1% level	-4.467895	
5% level	<b>-3.644963</b>	
10% level	-3.261452	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation  
 Dependent Variable: D(PDRB,3)  
 Method: Least Squares  
 Date: 10/02/09 Time: 14:33  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(PDRB(-1),2)	-4.277122	1.158762	<b>-3.691113</b>	0.0022
D(PDRB(-1),3)	1.968064	0.973251	2.022155	0.0614
D(PDRB(-2),3)	0.913172	0.640853	1.424933	0.1747
D(PDRB(-3),3)	0.239020	0.270075	0.885017	0.3901
C	162765.4	442393.7	0.367920	0.7181
@TREND(1981)	-9053.228	25875.53	-0.349876	0.7313
R-squared	0.909397	Mean dependent var	-4600.429	
Adjusted R-squared	0.879196	S.D. dependent var	2057042.	
S.E. of regression	714962.1	Akaike info criterion	30.03280	
Sum squared resid	7.67E+12	Schwarz criterion	30.33124	
Log likelihood	-309.3444	F-statistic	30.11162	
Durbin-Watson stat	1.842161	Prob(F-statistic)	0.000000	

## Variabel E

### 1. Model DF

Null Hypothesis: D(E,2) has a unit root

Exogenous: Constant

Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-4.654273	0.0015
Test critical values:		
1% level	-3.788030	
5% level	<b>-3.012363</b>	
10% level	-2.646119	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(E,3)

Method: Least Squares

Date: 10/02/09 Time: 14:36

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(E(-1),2)	-4.183859	0.898928	<b>-4.654273</b>	0.0003
D(E(-1),3)	2.067111	0.756463	2.732602	0.0148
D(E(-2),3)	1.179990	0.506861	2.328034	0.0334
D(E(-3),3)	0.472445	0.227898	2.073058	0.0547
C	-123.7334	1400.378	-0.088357	0.9307
R-squared	0.892376	Mean dependent var	-171.4381	
Adjusted R-squared	0.865470	S.D. dependent var	17470.46	
S.E. of regression	6407.877	Akaike info criterion	20.57270	
Sum squared resid	6.57E+08	Schwarz criterion	20.82140	
Log likelihood	-211.0134	F-statistic	33.16639	
Durbin-Watson stat	2.142552	Prob(F-statistic)	0.000000	

## 2. Model ADF

Null Hypothesis: D(E,2) has a unit root  
 Exogenous: Constant, Linear Trend  
 Lag Length: 3 (Fixed)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-4.694741	0.0063
Test critical values:		
1% level	-4.467895	
5% level	<b>-3.644963</b>	
10% level	-3.261452	

\*MacKinnon (1996) one-sided p-values.

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(E,3)

Method: Least Squares

Date: 10/02/09 Time: 14:38

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(E(-1),2)	-4.385850	0.934205	<b>-4.694741</b>	0.0003
D(E(-1),3)	2.240906	0.787230	2.846571	0.0123
D(E(-2),3)	1.289122	0.525443	2.453401	0.0269
D(E(-3),3)	0.513543	0.234271	2.192090	0.0446
C	3236.769	4079.085	0.793504	0.4399
@TREND(1981)	-211.0350	240.3589	-0.878000	0.3938
R-squared	0.897637	Mean dependent var	-171.4381	
Adjusted R-squared	0.863515	S.D. dependent var	17470.46	
S.E. of regression	6454.255	Akaike info criterion	20.61782	
Sum squared resid	6.25E+08	Schwarz criterion	20.91626	
Log likelihood	-210.4871	F-statistic	26.30734	
Durbin-Watson stat	2.214599	Prob(F-statistic)	0.000001	



## UJI KAUSALITAS GRANGER

### (TRIAL & ERROR)

**LAG D<sup>2</sup>PDRB = 1**

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 13:56

Sample(adjusted): 1984 2007

Included observations: 24 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	643722.4	289357.9	2.224659	0.0372
LAG1D2PDRB	0.551308	0.197245	2.795037	0.0108
LAG1D2E	39.69065	18.94500	2.095046	0.0485
R-squared	0.891878	Mean dependent var	3569575.	
Adjusted R-squared	0.881581	S.D. dependent var	1647761.	
S.E. of regression	567028.3	Akaike info criterion	<b>29.45067</b>	
Sum squared resid	6.75E+12	Schwarz criterion	29.59793	
Log likelihood	-350.4081	F-statistic	86.61291	
Durbin-Watson stat	2.663927	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 13:57

Sample(adjusted): 1985 2007

Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	852416.8	300595.1	2.835764	0.0106
LAG1D2PDRB	0.409552	0.199158	2.056415	0.0537
LAG1D2E	7.734058	23.99274	0.322350	0.7507
LAG2D2E	45.64212	22.76818	2.004645	0.0595
R-squared	0.902275	Mean dependent var	3675373.	
Adjusted R-squared	0.886844	S.D. dependent var	1599277.	
S.E. of regression	537974.8	Akaike info criterion	<b>29.38578</b>	
Sum squared resid	5.50E+12	Schwarz criterion	29.58326	
Log likelihood	-333.9365	F-statistic	58.47415	
Durbin-Watson stat	1.998594	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 13:58  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	805183.8	353920.3	2.275043	0.0361
LAG1D2PDRB	0.474614	0.223033	2.128002	0.0483
LAG1D2E	12.00850	24.67632	0.486641	0.6327
LAG2D2E	57.90626	26.08040	2.220298	0.0403
LAG3D2E	-24.87220	25.68441	-0.968377	0.3464
R-squared	0.898685	Mean dependent var	3789230.	
Adjusted R-squared	0.874846	S.D. dependent var	1538546.	
S.E. of regression	544292.3	Akaike info criterion	<b>29.44908</b>	
Sum squared resid	5.04E+12	Schwarz criterion	29.69704	
Log likelihood	-318.9398	F-statistic	37.69846	
Durbin-Watson stat	2.107537	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 13:59  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	953399.4	380847.3	2.503364	0.0243
LAG1D2PDRB	0.466316	0.226695	2.057023	0.0575
LAG1D2E	5.974560	24.72681	0.241623	0.8123
LAG2D2E	49.12945	26.87787	1.827878	0.0875
LAG3D2E	-40.63432	29.33542	-1.385162	0.1863
LAG4D2E	31.19497	24.85537	1.255060	0.2287
R-squared	0.898510	Mean dependent var	3911372.	
Adjusted R-squared	0.864680	S.D. dependent var	1463167.	
S.E. of regression	538239.2	Akaike info criterion	<b>29.46495</b>	
Sum squared resid	4.35E+12	Schwarz criterion	29.76339	
Log likelihood	-303.3820	F-statistic	26.55950	
Durbin-Watson stat	1.822532	Prob(F-statistic)	0.000001	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 13:59  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	875982.8	395532.3	2.214693	0.0453
LAG1D2PDRB	0.503002	0.213007	2.361429	0.0345
LAG1D2E	8.290215	22.41213	0.369899	0.7174
LAG2D2E	51.97799	24.14790	2.152484	0.0507
LAG3D2E	-27.29207	27.03485	-1.009514	0.3311
LAG4D2E	55.26755	24.78639	2.229754	0.0440
LAG5D2E	-51.46135	23.20467	-2.217715	0.0450
R-squared	0.916158	Mean dependent var	4037260.	
Adjusted R-squared	0.877461	S.D. dependent var	1379572.	
S.E. of regression	482926.8	Akaike info criterion	<b>29.28233</b>	
Sum squared resid	3.03E+12	Schwarz criterion	29.63084	
Log likelihood	-285.8233	F-statistic	23.67547	
Durbin-Watson stat	2.129882	Prob(F-statistic)	0.000003	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:00  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1127131.	475379.4	2.371013	0.0371
LAG1D2PDRB	0.360916	0.266875	1.352376	0.2034
LAG1D2E	13.10218	25.75194	0.508784	0.6210
LAG2D2E	52.20669	25.12272	2.078066	0.0619
LAG3D2E	-18.78223	29.37894	-0.639309	0.5357
LAG4D2E	58.50053	25.93648	2.255531	0.0454
LAG5D2E	-40.13344	27.71407	-1.448125	0.1755
LAG6D2E	-20.06635	29.46626	-0.680994	0.5100
R-squared	0.906800	Mean dependent var	4170052.	
Adjusted R-squared	0.847491	S.D. dependent var	1279329.	
S.E. of regression	499608.1	Akaike info criterion	<b>29.37660</b>	
Sum squared resid	2.75E+12	Schwarz criterion	29.77426	
Log likelihood	-271.0777	F-statistic	15.28946	
Durbin-Watson stat	2.186445	Prob(F-statistic)	0.000074	

## LAG D<sup>2</sup>E = 1

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:02

Sample(adjusted): 1985 2007

Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	598345.8	308835.0	1.937429	0.0677
LAG1D2PDRB	0.362060	0.228493	1.584553	0.1296
LAG2D2PDRB	0.327192	0.216457	1.511576	0.1471
LAG1D2E	27.09109	20.44044	1.325367	0.2008
R-squared	0.894315	Mean dependent var	3675373.	
Adjusted R-squared	0.877627	S.D. dependent var	1599277.	
S.E. of regression	559456.1	Akaike info criterion	<b>29.46409</b>	
Sum squared resid	5.95E+12	Schwarz criterion	29.66157	
Log likelihood	-334.8370	F-statistic	53.59291	
Durbin-Watson stat	2.132586	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:03

Sample(adjusted): 1986 2007

Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	685532.2	344626.8	1.989202	0.0630
LAG1D2PDRB	0.364241	0.247147	1.473780	0.1588
LAG2D2PDRB	0.350765	0.242322	1.447516	0.1659
LAG3D2PDRB	-0.077028	0.246481	-0.312510	0.7585
LAG1D2E	29.99906	22.74520	1.318918	0.2047
R-squared	0.883944	Mean dependent var	3789230.	
Adjusted R-squared	0.856637	S.D. dependent var	1538546.	
S.E. of regression	582544.5	Akaike info criterion	<b>29.58492</b>	
Sum squared resid	5.77E+12	Schwarz criterion	29.83288	
Log likelihood	-320.4341	F-statistic	32.37033	
Durbin-Watson stat	2.248998	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:04  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	784307.4	384494.3	2.039841	0.0594
LAG1D2PDRB	0.319994	0.260455	1.228595	0.2382
LAG2D2PDRB	0.404254	0.269017	1.502712	0.1537
LAG3D2PDRB	-0.008419	0.275334	-0.030576	0.9760
LAG4D2PDRB	-0.167891	0.276707	-0.606748	0.5531
LAG1D2E	36.37320	25.72742	1.413791	0.1778
R-squared	0.872479	Mean dependent var	3911372.	
Adjusted R-squared	0.829972	S.D. dependent var	1463167.	
S.E. of regression	603328.8	Akaike info criterion	<b>29.69327</b>	
Sum squared resid	5.46E+12	Schwarz criterion	29.99170	
Log likelihood	-305.7793	F-statistic	20.52554	
Durbin-Watson stat	2.356379	Prob(F-statistic)	0.000003	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:05  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	855709.4	441748.5	1.937096	0.0748
LAG1D2PDRB	0.302318	0.276276	1.094263	0.2937
LAG2D2PDRB	0.390265	0.283736	1.375451	0.1922
LAG3D2PDRB	0.052949	0.307527	0.172176	0.8660
LAG4D2PDRB	-0.054183	0.342155	-0.158357	0.8766
LAG5D2PDRB	-0.158882	0.281134	-0.565147	0.5816
LAG1D2E	35.18825	27.11534	1.297725	0.2169
R-squared	0.855224	Mean dependent var	4037260.	
Adjusted R-squared	0.788404	S.D. dependent var	1379572.	
S.E. of regression	634597.3	Akaike info criterion	<b>29.82859</b>	
Sum squared resid	5.24E+12	Schwarz criterion	30.17709	
Log likelihood	-291.2859	F-statistic	12.79895	
Durbin-Watson stat	2.441823	Prob(F-statistic)	0.000085	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:06  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1035356.	503992.6	2.054307	0.0645
LAG1D2PDRB	0.139403	0.315675	0.441603	0.6673
LAG2D2PDRB	0.404404	0.293220	1.379184	0.1952
LAG3D2PDRB	0.032692	0.315003	0.103784	0.9192
LAG4D2PDRB	-0.042604	0.351182	-0.121317	0.9056
LAG5D2PDRB	0.134763	0.394813	0.341335	0.7393
LAG6D2PDRB	-0.407344	0.382739	-1.064288	0.3100
LAG1D2E	57.81348	35.61077	1.623483	0.1328
R-squared	0.842708	Mean dependent var	4170052.	
Adjusted R-squared	0.742613	S.D. dependent var	1279329.	
S.E. of regression	649046.5	Akaike info criterion	<b>29.89996</b>	
Sum squared resid	4.63E+12	Schwarz criterion	30.29762	
Log likelihood	-276.0496	F-statistic	8.419082	
Durbin-Watson stat	2.125845	Prob(F-statistic)	0.001127	

### LAG D<sup>2</sup>PDRB = 2

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:08  
 Sample(adjusted): 1985 2007  
 Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	764147.2	317363.0	2.407802	0.0270
LAG1D2PDRB	0.321823	0.222319	1.447571	0.1649
LAG2D2PDRB	0.203089	0.224239	0.905681	0.3771
LAG1D2E	5.569180	24.22526	0.229891	0.8208
LAG2D2E	37.62753	24.52855	1.534030	0.1424
R-squared	0.906534	Mean dependent var	3675373.	
Adjusted R-squared	0.885764	S.D. dependent var	1599277.	
S.E. of regression	540537.6	Akaike info criterion	<b>29.42818</b>	
Sum squared resid	5.26E+12	Schwarz criterion	29.67502	
Log likelihood	-333.4240	F-statistic	43.64580	
Durbin-Watson stat	1.790147	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:09  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	699187.1	372854.0	1.875230	0.0791
LAG1D2PDRB	0.389820	0.241506	1.614124	0.1260
LAG2D2PDRB	0.212724	0.227366	0.935598	0.3634
LAG1D2E	10.03452	24.85699	0.403690	0.6918
LAG2D2E	50.29711	27.41088	1.834933	0.0852
LAG3D2E	-26.56698	25.84266	-1.028028	0.3192
R-squared	0.903941	Mean dependent var	3789230.	
Adjusted R-squared	0.873922	S.D. dependent var	1538546.	
S.E. of regression	546298.9	Akaike info criterion	<b>29.48672</b>	
Sum squared resid	4.78E+12	Schwarz criterion	29.78428	
Log likelihood	-318.3539	F-statistic	30.11269	
Durbin-Watson stat	1.882490	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:09  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	898099.6	417367.8	2.151818	0.0493
LAG1D2PDRB	0.423216	0.258634	1.636352	0.1240
LAG2D2PDRB	0.098886	0.255619	0.386849	0.7047
LAG1D2E	5.789572	25.46346	0.227368	0.8234
LAG2D2E	46.99116	28.22034	1.665152	0.1181
LAG3D2E	-38.77134	30.58555	-1.267636	0.2256
LAG4D2E	26.51181	28.31023	0.936474	0.3649
R-squared	0.899583	Mean dependent var	3911372.	
Adjusted R-squared	0.856547	S.D. dependent var	1463167.	
S.E. of regression	554176.5	Akaike info criterion	<b>29.54956</b>	
Sum squared resid	4.30E+12	Schwarz criterion	29.89773	
Log likelihood	-303.2703	F-statistic	20.90315	
Durbin-Watson stat	1.761526	Prob(F-statistic)	0.000003	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:10  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	898419.3	429165.2	2.093411	0.0582
LAG1D2PDRB	0.522967	0.247038	2.116949	0.0558
LAG2D2PDRB	-0.043733	0.240056	-0.182180	0.8585
LAG1D2E	8.427672	23.30730	0.361589	0.7239
LAG2D2E	52.98644	25.70240	2.061536	0.0616
LAG3D2E	-27.82889	28.25401	-0.984954	0.3441
LAG4D2E	57.87073	29.46022	1.964369	0.0731
LAG5D2E	-52.59904	24.91421	-2.111207	0.0564
R-squared	0.916389	Mean dependent var	4037260.	
Adjusted R-squared	0.867616	S.D. dependent var	1379572.	
S.E. of regression	501952.5	Akaike info criterion	<b>29.37957</b>	
Sum squared resid	3.02E+12	Schwarz criterion	29.77787	
Log likelihood	-285.7957	F-statistic	18.78879	
Durbin-Watson stat	2.160654	Prob(F-statistic)	0.000014	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:10  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1126915.	514312.2	2.191110	0.0532
LAG1D2PDRB	0.360589	0.338713	1.064585	0.3121
LAG2D2PDRB	0.000482	0.281472	0.001712	0.9987
LAG1D2E	13.11095	27.49068	0.476923	0.6437
LAG2D2E	52.19790	26.84428	1.944470	0.0805
LAG3D2E	-18.76998	31.63353	-0.593357	0.5661
LAG4D2E	58.47499	31.02569	1.884728	0.0888
LAG5D2E	-40.10963	32.22263	-1.244766	0.2416
LAG6D2E	-20.09220	34.39443	-0.584170	0.5720
R-squared	0.906800	Mean dependent var	4170052.	
Adjusted R-squared	0.832241	S.D. dependent var	1279329.	
S.E. of regression	523993.3	Akaike info criterion	<b>29.48186</b>	
Sum squared resid	2.75E+12	Schwarz criterion	29.92923	
Log likelihood	-271.0777	F-statistic	12.16207	
Durbin-Watson stat	2.186160	Prob(F-statistic)	0.000309	

## LAG D<sup>2</sup>E = 2

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:12

Sample(adjusted): 1986 2007

Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	871058.2	352159.2	2.473478	0.0250
LAG1D2PDRB	0.330314	0.238534	1.384767	0.1851
LAG2D2PDRB	0.233914	0.244778	0.955620	0.3535
LAG3D2PDRB	-0.116686	0.238264	-0.489734	0.6310
LAG1D2E	8.639663	25.83751	0.334385	0.7424
LAG2D2E	39.65284	25.57059	1.550720	0.1405
R-squared	0.899108	Mean dependent var	3789230.	
Adjusted R-squared	0.867579	S.D. dependent var	1538546.	
S.E. of regression	559872.1	Akaike info criterion	<b>29.53581</b>	
Sum squared resid	5.02E+12	Schwarz criterion	29.83336	
Log likelihood	-318.8939	F-statistic	28.51706	
Durbin-Watson stat	1.924487	Prob(F-statistic)	0.000000	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:13

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1018807.	386410.5	2.636593	0.0195
LAG1D2PDRB	0.267749	0.246810	1.084839	0.2963
LAG2D2PDRB	0.292509	0.261188	1.119916	0.2816
LAG3D2PDRB	-0.027943	0.259176	-0.107815	0.9157
LAG4D2PDRB	-0.233382	0.262987	-0.887429	0.3898
LAG1D2E	14.45352	27.34279	0.528604	0.6054
LAG2D2E	45.27948	26.31316	1.720792	0.1073
R-squared	0.894742	Mean dependent var	3911372.	
Adjusted R-squared	0.849631	S.D. dependent var	1463167.	
S.E. of regression	567377.9	Akaike info criterion	<b>29.59664</b>	
Sum squared resid	4.51E+12	Schwarz criterion	29.94481	
Log likelihood	-303.7647	F-statistic	19.83442	
Durbin-Watson stat	2.091051	Prob(F-statistic)	0.000004	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:14  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1282423.	387830.7	3.306657	0.0063
LAG1D2PDRB	0.199196	0.226220	0.880541	0.3959
LAG2D2PDRB	0.175095	0.241683	0.724483	0.4827
LAG3D2PDRB	0.172719	0.252103	0.685114	0.5063
LAG4D2PDRB	0.100240	0.281858	0.355638	0.7283
LAG5D2PDRB	-0.574404	0.270963	-2.119864	0.0555
LAG1D2E	-5.207224	26.19622	-0.198778	0.8458
LAG2D2E	80.21570	28.51708	2.812900	0.0157
R-squared	0.912752	Mean dependent var	4037260.	
Adjusted R-squared	0.861857	S.D. dependent var	1379572.	
S.E. of regression	512752.8	Akaike info criterion	<b>29.42215</b>	
Sum squared resid	3.15E+12	Schwarz criterion	29.82044	
Log likelihood	-286.2215	F-statistic	17.93415	
Durbin-Watson stat	2.003399	Prob(F-statistic)	0.000018	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:14  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1457021.	455085.8	3.201640	0.0095
LAG1D2PDRB	0.210808	0.264854	0.795941	0.4445
LAG2D2PDRB	0.123010	0.270857	0.454152	0.6594
LAG3D2PDRB	0.186725	0.270280	0.690858	0.5054
LAG4D2PDRB	0.137394	0.302151	0.454721	0.6590
LAG5D2PDRB	-0.694320	0.475798	-1.459274	0.1752
LAG6D2PDRB	0.121421	0.387090	0.313675	0.7602
LAG1D2E	-17.68932	43.13199	-0.410121	0.6904
LAG2D2E	88.28048	36.58101	2.413287	0.0365
R-squared	0.900599	Mean dependent var	4170052.	
Adjusted R-squared	0.821078	S.D. dependent var	1279329.	
S.E. of regression	541146.2	Akaike info criterion	<b>29.54628</b>	
Sum squared resid	2.93E+12	Schwarz criterion	29.99365	
Log likelihood	-271.6897	F-statistic	11.32529	
Durbin-Watson stat	2.084150	Prob(F-statistic)	0.000420	

## LAG D<sup>2</sup>PDRB = 3

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:16

Sample(adjusted): 1986 2007

Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	719107.9	391431.3	1.837124	0.0861
LAG1D2PDRB	0.399856	0.251694	1.588663	0.1330
LAG2D2PDRB	0.232746	0.246102	0.945733	0.3593
LAG3D2PDRB	-0.065368	0.246094	-0.265621	0.7941
LAG1D2E	11.44869	26.15954	0.437649	0.6679
LAG2D2E	50.29902	28.24349	1.780907	0.0952
LAG3D2E	-24.90254	27.35501	-0.910347	0.3770
R-squared	0.904390	Mean dependent var	3789230.	
Adjusted R-squared	0.866146	S.D. dependent var	1538546.	
S.E. of regression	562892.9	Akaike info criterion	<b>29.57294</b>	
Sum squared resid	4.75E+12	Schwarz criterion	29.92009	
Log likelihood	-318.3023	F-statistic	23.64795	
Durbin-Watson stat	1.949069	Prob(F-statistic)	0.000001	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:17

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	924062.4	438999.8	2.104927	0.0553
LAG1D2PDRB	0.437078	0.270838	1.613800	0.1306
LAG2D2PDRB	0.121139	0.273239	0.443346	0.6648
LAG3D2PDRB	-0.080266	0.250968	-0.319826	0.7542
LAG1D2E	7.457810	26.83319	0.277932	0.7854
LAG2D2E	46.89415	29.17267	1.607468	0.1320
LAG3D2E	-37.05890	32.06617	-1.155701	0.2686
LAG4D2E	27.11645	29.32502	0.924687	0.3720
R-squared	0.900367	Mean dependent var	3911372.	
Adjusted R-squared	0.846719	S.D. dependent var	1463167.	
S.E. of regression	572846.8	Akaike info criterion	<b>29.63696</b>	
Sum squared resid	4.27E+12	Schwarz criterion	30.03487	
Log likelihood	-303.1880	F-statistic	16.78272	
Durbin-Watson stat	1.842778	Prob(F-statistic)	0.000014	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:17  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	852514.6	457465.3	1.863561	0.0893
LAG1D2PDRB	0.516073	0.256431	2.012519	0.0693
LAG2D2PDRB	-0.083148	0.265337	-0.313368	0.7599
LAG3D2PDRB	0.104341	0.244908	0.426041	0.6783
LAG1D2E	6.639486	24.50738	0.270918	0.7915
LAG2D2E	53.57175	26.66192	2.009298	0.0697
LAG3D2E	-29.42052	29.50730	-0.997059	0.3402
LAG4D2E	59.60449	30.78954	1.935868	0.0790
LAG5D2E	-56.93790	27.74655	-2.052071	0.0647
R-squared	0.917746	Mean dependent var	4037260.	
Adjusted R-squared	0.857925	S.D. dependent var	1379572.	
S.E. of regression	519999.5	Akaike info criterion	<b>29.46321</b>	
Sum squared resid	2.97E+12	Schwarz criterion	29.91129	
Log likelihood	-285.6321	F-statistic	15.34154	
Durbin-Watson stat	2.049819	Prob(F-statistic)	0.000060	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:18  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1101213.	563320.6	1.954860	0.0823
LAG1D2PDRB	0.373325	0.364772	1.023447	0.3328
LAG2D2PDRB	-0.025567	0.335756	-0.076147	0.9410
LAG3D2PDRB	0.046377	0.281322	0.164854	0.8727
LAG1D2E	11.45675	30.62464	0.374103	0.7170
LAG2D2E	52.47994	28.30548	1.854056	0.0967
LAG3D2E	-20.29220	34.55115	-0.587309	0.5714
LAG4D2E	59.43072	33.16534	1.791953	0.1067
LAG5D2E	-43.41020	39.38325	-1.102250	0.2990
LAG6D2E	-17.63005	39.16027	-0.450202	0.6632
R-squared	0.907081	Mean dependent var	4170052.	
Adjusted R-squared	0.814162	S.D. dependent var	1279329.	
S.E. of regression	551505.4	Akaike info criterion	<b>29.58411</b>	
Sum squared resid	2.74E+12	Schwarz criterion	30.08118	
Log likelihood	-271.0490	F-statistic	9.762058	
Durbin-Watson stat	2.136562	Prob(F-statistic)	0.001142	

## LAG D<sup>2</sup>E = 3

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:19

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	883753.3	437614.8	2.019477	0.0645
LAG1D2PDRB	0.329316	0.266075	1.237685	0.2377
LAG2D2PDRB	0.286033	0.266161	1.074664	0.3021
LAG3D2PDRB	0.005187	0.268097	0.019346	0.9849
LAG4D2PDRB	-0.211729	0.269587	-0.785383	0.4463
LAG1D2E	16.16756	27.95255	0.578393	0.5729
LAG2D2E	53.34713	29.13563	1.830993	0.0901
LAG3D2E	-20.05176	28.41941	-0.705566	0.4929
R-squared	0.898624	Mean dependent var	3911372.	
Adjusted R-squared	0.844037	S.D. dependent var	1463167.	
S.E. of regression	577835.9	Akaike info criterion	<b>29.65430</b>	
Sum squared resid	4.34E+12	Schwarz criterion	30.05221	
Log likelihood	-303.3701	F-statistic	16.46223	
Durbin-Watson stat	2.081485	Prob(F-statistic)	0.000016	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:20

Sample(adjusted): 1988 2007

Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1272036.	471255.8	2.699247	0.0207
LAG1D2PDRB	0.203459	0.256108	0.794429	0.4437
LAG2D2PDRB	0.175541	0.252619	0.694882	0.5015
LAG3D2PDRB	0.173406	0.263771	0.657409	0.5244
LAG4D2PDRB	0.099326	0.295128	0.336552	0.7428
LAG5D2PDRB	-0.570699	0.295742	-1.929721	0.0798
LAG1D2E	-4.968499	27.91323	-0.177998	0.8620
LAG2D2E	80.46734	30.34892	2.651407	0.0225
LAG3D2E	-1.207317	27.99754	-0.043122	0.9664
R-squared	0.912767	Mean dependent var	4037260.	
Adjusted R-squared	0.849324	S.D. dependent var	1379572.	
S.E. of regression	535507.6	Akaike info criterion	<b>29.52198</b>	
Sum squared resid	3.15E+12	Schwarz criterion	29.97006	
Log likelihood	-286.2198	F-statistic	14.38735	
Durbin-Watson stat	2.005753	Prob(F-statistic)	0.000082	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:21  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1361036.	657229.7	2.070868	0.0683
LAG1D2PDRB	0.290303	0.465603	0.623498	0.5484
LAG2D2PDRB	0.101690	0.301863	0.336874	0.7439
LAG3D2PDRB	0.208967	0.302755	0.690219	0.5075
LAG4D2PDRB	0.141060	0.318160	0.443361	0.6680
LAG5D2PDRB	-0.783795	0.653194	-1.199942	0.2608
LAG6D2PDRB	0.248489	0.722080	0.344129	0.7387
LAG1D2E	-26.02852	59.90759	-0.434478	0.6742
LAG2D2E	97.31144	57.23946	1.700076	0.1233
LAG3D2E	-11.49997	53.97988	-0.213042	0.8360
R-squared	0.901097	Mean dependent var	4170052.	
Adjusted R-squared	0.802195	S.D. dependent var	1279329.	
S.E. of regression	568985.3	Akaike info criterion	<b>29.64651</b>	
Sum squared resid	2.91E+12	Schwarz criterion	30.14359	
Log likelihood	-271.6419	F-statistic	9.110966	
Durbin-Watson stat	2.127324	Prob(F-statistic)	0.001485	

### LAG D<sup>2</sup>PDRB = 4

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:23  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	999613.2	439404.2	2.274929	0.0421
LAG1D2PDRB	0.409788	0.269026	1.523229	0.1536
LAG2D2PDRB	0.179102	0.275123	0.650990	0.5273
LAG3D2PDRB	0.018520	0.263166	0.070373	0.9451
LAG4D2PDRB	-0.313789	0.277103	-1.132389	0.2796
LAG1D2E	15.25583	27.42514	0.556272	0.5882
LAG2D2E	48.17307	28.88307	1.667865	0.1212
LAG3D2E	-38.79014	31.76039	-1.221337	0.2454
LAG4D2E	37.42024	30.40516	1.230720	0.2420
R-squared	0.909986	Mean dependent var	3911372.	
Adjusted R-squared	0.849977	S.D. dependent var	1463167.	
S.E. of regression	566726.4	Akaike info criterion	<b>29.63067</b>	
Sum squared resid	3.85E+12	Schwarz criterion	30.07832	
Log likelihood	-302.1220	F-statistic	15.16406	
Durbin-Watson stat	1.959463	Prob(F-statistic)	0.000035	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:24  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	914498.3	467604.5	1.955709	0.0790
LAG1D2PDRB	0.490253	0.260778	1.879965	0.0895
LAG2D2PDRB	-0.026960	0.275629	-0.097811	0.9240
LAG3D2PDRB	0.163698	0.256518	0.638153	0.5377
LAG4D2PDRB	-0.228988	0.260447	-0.879212	0.3999
LAG1D2E	12.36092	25.60495	0.482755	0.6397
LAG2D2E	54.04999	26.94683	2.005801	0.0727
LAG3D2E	-31.16865	29.88276	-1.043031	0.3215
LAG4D2E	64.89321	31.68839	2.047854	0.0678
LAG5D2E	-53.01035	28.39097	-1.867155	0.0914
R-squared	0.923648	Mean dependent var	4037260.	
Adjusted R-squared	0.854932	S.D. dependent var	1379572.	
S.E. of regression	525449.2	Akaike info criterion	<b>29.48875</b>	
Sum squared resid	2.76E+12	Schwarz criterion	29.98661	
Log likelihood	-284.8875	F-statistic	13.44141	
Durbin-Watson stat	2.144201	Prob(F-statistic)	0.000176	

Dependent Variable: D2PDRB  
 Method: Least Squares  
 Date: 10/27/09 Time: 14:25  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1110658.	582431.7	1.906932	0.0930
LAG1D2PDRB	0.446985	0.393624	1.135562	0.2890
LAG2D2PDRB	-0.044872	0.348303	-0.128830	0.9007
LAG3D2PDRB	0.145838	0.328430	0.444044	0.6688
LAG4D2PDRB	-0.214845	0.329835	-0.651371	0.5331
LAG1D2E	10.48981	31.68858	0.331028	0.7491
LAG2D2E	53.29970	29.28375	1.820112	0.1062
LAG3D2E	-27.77982	37.51672	-0.740465	0.4802
LAG4D2E	66.36340	35.89411	1.848866	0.1017
LAG5D2E	-50.33684	42.07278	-1.196423	0.2658
LAG6D2E	-1.795833	47.21503	-0.038035	0.9706
R-squared	0.911761	Mean dependent var	4170052.	
Adjusted R-squared	0.801462	S.D. dependent var	1279329.	
S.E. of regression	570038.9	Akaike info criterion	<b>29.63769</b>	
Sum squared resid	2.60E+12	Schwarz criterion	30.18447	
Log likelihood	-270.5581	F-statistic	8.266263	
Durbin-Watson stat	2.189008	Prob(F-statistic)	0.003171	

## LAG D<sup>2</sup>E = 4

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:26

Sample(adjusted): 1988 2007

Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1370370.	469508.8	2.918731	0.0153
LAG1D2PDRB	0.279223	0.259075	1.077772	0.3064
LAG2D2PDRB	0.082749	0.259646	0.318700	0.7565
LAG3D2PDRB	0.177333	0.258758	0.685322	0.5087
LAG4D2PDRB	-0.006716	0.302753	-0.022182	0.9827
LAG5D2PDRB	-0.543911	0.290960	-1.869366	0.0911
LAG1D2E	-4.979969	27.38055	-0.181880	0.8593
LAG2D2E	74.55379	30.17708	2.470543	0.0331
LAG3D2E	-18.74427	31.12831	-0.602162	0.5605
LAG4D2E	33.83698	28.27452	1.196730	0.2590
R-squared	0.923695	Mean dependent var	4037260.	
Adjusted R-squared	0.855020	S.D. dependent var	1379572.	
S.E. of regression	525288.3	Akaike info criterion	<b>29.48814</b>	
Sum squared resid	2.76E+12	Schwarz criterion	29.98600	
Log likelihood	-284.8814	F-statistic	13.45032	
Durbin-Watson stat	1.863106	Prob(F-statistic)	0.000176	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:27

Sample(adjusted): 1989 2007

Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1978427.	769419.5	2.571325	0.0331
LAG1D2PDRB	-0.045061	0.505784	-0.089091	0.9312
LAG2D2PDRB	0.103422	0.287688	0.359494	0.7285
LAG3D2PDRB	0.077601	0.303797	0.255437	0.8048
LAG4D2PDRB	-0.072247	0.340258	-0.212330	0.8372
LAG5D2PDRB	-0.060877	0.813201	-0.074861	0.9422
LAG6D2PDRB	-0.614320	0.929272	-0.661076	0.5271
LAG1D2E	35.10560	72.23257	0.486008	0.6400
LAG2D2E	31.37763	72.47857	0.432923	0.6765
LAG3D2E	14.70365	54.82917	0.268172	0.7954
LAG4D2E	54.83861	39.69088	1.381643	0.2044
R-squared	0.920151	Mean dependent var	4170052.	
Adjusted R-squared	0.820339	S.D. dependent var	1279329.	
S.E. of regression	542261.5	Akaike info criterion	<b>29.53778</b>	
Sum squared resid	2.35E+12	Schwarz criterion	30.08456	
Log likelihood	-269.6089	F-statistic	9.218893	
Durbin-Watson stat	1.693547	Prob(F-statistic)	0.002188	

## LAG D<sup>2</sup>PDRB = 5

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:29

Sample(adjusted): 1988 2007

Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1146260.	479285.0	2.391604	0.0405
LAG1D2PDRB	0.388087	0.260963	1.487133	0.1712
LAG2D2PDRB	-0.038762	0.264451	-0.146577	0.8867
LAG3D2PDRB	0.246706	0.253345	0.973796	0.3556
LAG4D2PDRB	-0.025227	0.290725	-0.086772	0.9328
LAG5D2PDRB	-0.406268	0.296709	-1.369244	0.2041
LAG1D2E	-1.010691	26.42425	-0.038249	0.9703
LAG2D2E	72.08351	29.00306	2.485376	0.0347
LAG3D2E	-19.64281	29.86637	-0.657690	0.5272
LAG4D2E	55.00765	31.23298	1.761204	0.1120
LAG5D2E	-39.55976	28.94310	-1.366812	0.2049
R-squared	0.936811	Mean dependent var	4037260.	
Adjusted R-squared	0.866602	S.D. dependent var	1379572.	
S.E. of regression	503871.1	Akaike info criterion	<b>29.39952</b>	
Sum squared resid	2.28E+12	Schwarz criterion	29.94717	
Log likelihood	-282.9952	F-statistic	13.34306	
Durbin-Watson stat	2.124055	Prob(F-statistic)	0.000308	

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:29

Sample(adjusted): 1989 2007

Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1393823.	593896.3	2.346913	0.0513
LAG1D2PDRB	0.312522	0.388355	0.804734	0.4474
LAG2D2PDRB	-0.047923	0.332031	-0.144333	0.8893
LAG3D2PDRB	0.219089	0.317796	0.689401	0.5128
LAG4D2PDRB	0.016061	0.358357	0.044818	0.9655
LAG5D2PDRB	-0.432117	0.321750	-1.343018	0.2212
LAG1D2E	-2.982414	31.82957	-0.093699	0.9280
LAG2D2E	72.26388	31.28327	2.309985	0.0542
LAG3D2E	-13.68503	37.27136	-0.367173	0.7243
LAG4D2E	55.37810	35.18060	1.574109	0.1595
LAG5D2E	-33.59828	41.99832	-0.799991	0.4500
LAG6D2E	-5.401535	45.08832	-0.119799	0.9080
R-squared	0.929839	Mean dependent var	4170052.	
Adjusted R-squared	0.819586	S.D. dependent var	1279329.	
S.E. of regression	543396.6	Akaike info criterion	<b>29.51370</b>	
Sum squared resid	2.07E+12	Schwarz criterion	30.11018	
Log likelihood	-268.3801	F-statistic	8.433709	
Durbin-Watson stat	2.225606	Prob(F-statistic)	0.004713	

## LAG D<sup>2</sup>E = 5

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:31

Sample(adjusted): 1989 2007

Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1692325.	795238.2	2.128072	0.0709
LAG1D2PDRB	0.102341	0.512698	0.199613	0.8475
LAG2D2PDRB	-0.010329	0.299255	-0.034515	0.9734
LAG3D2PDRB	0.155379	0.305724	0.508232	0.6269
LAG4D2PDRB	-0.077182	0.333879	-0.231169	0.8238
LAG5D2PDRB	-0.016564	0.798826	-0.020736	0.9840
LAG6D2PDRB	-0.515421	0.915859	-0.562773	0.5911
LAG1D2E	32.01765	70.92370	0.451438	0.6653
LAG2D2E	36.12787	71.23474	0.507166	0.6276
LAG3D2E	8.714530	54.05057	0.161229	0.8765
LAG4D2E	70.50984	41.28028	1.708076	0.1314
LAG5D2E	-35.30652	30.84718	-1.144562	0.2900
R-squared	0.932739	Mean dependent var	4170052.	
Adjusted R-squared	0.827042	S.D. dependent var	1279329.	
S.E. of regression	532050.3	Akaike info criterion	<b>29.47149</b>	
Sum squared resid	1.98E+12	Schwarz criterion	30.06798	
Log likelihood	-267.9792	F-statistic	8.824685	
Durbin-Watson stat	2.008996	Prob(F-statistic)	0.004109	



## LAG D<sup>2</sup>PDRB = 6 DAN LAG D<sup>2</sup>E = 6

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/27/09 Time: 14:32

Sample(adjusted): 1989 2007

Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1707630.	865528.0	1.972935	0.0960
LAG1D2PDRB	0.063600	0.626150	0.101573	0.9224
LAG2D2PDRB	0.013395	0.369502	0.036252	0.9723
LAG3D2PDRB	0.132057	0.374162	0.352940	0.7362
LAG4D2PDRB	-0.053881	0.401111	-0.134330	0.8975
LAG5D2PDRB	-0.015555	0.861617	-0.018053	0.9862
LAG6D2PDRB	-0.520010	0.988422	-0.526101	0.6177
LAG1D2E	34.23013	78.31328	0.437092	0.6773
LAG2D2E	35.73726	76.88808	0.464796	0.6585
LAG3D2E	11.47299	61.93499	0.185243	0.8591
LAG4D2E	69.24205	45.54911	1.520162	0.1793
LAG5D2E	-31.39924	44.54845	-0.704833	0.5073
LAG6D2E	-6.283933	47.64461	-0.131892	0.8994
R-squared	0.932933	Mean dependent var	4170052.	
Adjusted R-squared	0.798799	S.D. dependent var	1279329.	
S.E. of regression	573848.7	Akaike info criterion	<b>29.57386</b>	
Sum squared resid	1.98E+12	Schwarz criterion	30.22006	
Log likelihood	-267.9517	F-statistic	6.955233	
Durbin-Watson stat	2.036781	Prob(F-statistic)	0.013076	

## LAG D<sup>2</sup>E = 1

Dependent Variable: D2E

Method: Least Squares

Date: 10/27/09 Time: 15:04

Sample(adjusted): 1984 2007

Included observations: 24 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1413.510	2721.977	0.519295	0.6090
LAG1D2E	0.734366	0.178215	4.120677	0.0005
LAG1D2PDRB	0.002209	0.001855	1.190660	0.2471
R-squared	0.907664	Mean dependent var	28647.97	
Adjusted R-squared	0.898870	S.D. dependent var	16773.11	
S.E. of regression	5334.012	Akaike info criterion	<b>20.11806</b>	
Sum squared resid	5.97E+08	Schwarz criterion	20.26532	
Log likelihood	-238.4168	F-statistic	103.2148	
Durbin-Watson stat	2.477417	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:05  
 Sample(adjusted): 1985 2007  
 Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	844.3721	2969.026	0.284394	0.7792
LAG1D2E	0.633371	0.196507	3.223152	0.0045
LAG1D2PDRB	0.000729	0.002197	0.331710	0.7437
LAG2D2PDRB	0.002633	0.002081	1.265134	0.2211
R-squared	0.907350	Mean dependent var	29635.72	
Adjusted R-squared	0.892721	S.D. dependent var	16420.88	
S.E. of regression	5378.404	Akaike info criterion	<b>20.17494</b>	
Sum squared resid	5.50E+08	Schwarz criterion	20.37242	
Log likelihood	-228.0118	F-statistic	62.02440	
Durbin-Watson stat	2.332344	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:06  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1024.100	3173.829	0.322670	0.7509
LAG1D2E	0.534778	0.209471	2.552993	0.0206
LAG1D2PDRB	-0.000160	0.002276	-0.070352	0.9447
LAG2D2PDRB	0.001482	0.002232	0.664291	0.5154
LAG3D2PDRB	0.003120	0.002270	1.374418	0.1872
R-squared	0.908515	Mean dependent var	30709.83	
Adjusted R-squared	0.886989	S.D. dependent var	15958.90	
S.E. of regression	5364.925	Akaike info criterion	<b>20.20987</b>	
Sum squared resid	4.89E+08	Schwarz criterion	20.45783	
Log likelihood	-217.3086	F-statistic	42.20559	
Durbin-Watson stat	1.928836	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:07  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1850.025	3312.070	0.558571	0.5847
LAG1D2E	0.680819	0.221618	3.072034	0.0077
LAG1D2PDRB	-0.000839	0.002244	-0.373872	0.7137
LAG2D2PDRB	0.002796	0.002317	1.206394	0.2463
LAG3D2PDRB	0.004615	0.002372	1.946005	0.0706
LAG4D2PDRB	-0.003885	0.002384	-1.629923	0.1239
R-squared	0.913834	Mean dependent var	31892.70	
Adjusted R-squared	0.885112	S.D. dependent var	15332.97	
S.E. of regression	5197.131	Akaike info criterion	<b>20.18456</b>	
Sum squared resid	4.05E+08	Schwarz criterion	20.48299	
Log likelihood	-205.9379	F-statistic	31.81652	
Durbin-Watson stat	1.818330	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:07  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3119.728	2753.366	1.133060	0.2777
LAG1D2E	0.691528	0.169007	4.091718	0.0013
LAG1D2PDRB	-0.000974	0.001722	-0.565392	0.5814
LAG2D2PDRB	0.002893	0.001768	1.635944	0.1258
LAG3D2PDRB	0.002366	0.001917	1.234185	0.2390
LAG4D2PDRB	-0.007694	0.002133	-3.607823	0.0032
LAG5D2PDRB	0.006192	0.001752	3.533429	0.0037
R-squared	0.949713	Mean dependent var	33143.89	
Adjusted R-squared	0.926504	S.D. dependent var	14590.01	
S.E. of regression	3955.370	Akaike info criterion	<b>19.67275</b>	
Sum squared resid	2.03E+08	Schwarz criterion	20.02126	
Log likelihood	-189.7275	F-statistic	40.91967	
Durbin-Watson stat	1.692138	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:08  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4364.145	3226.567	1.352566	0.2033
LAG1D2E	0.692776	0.227981	3.038748	0.0113
LAG1D2PDRB	-0.001223	0.002021	-0.605121	0.5574
LAG2D2PDRB	0.002737	0.001877	1.458197	0.1727
LAG3D2PDRB	0.002330	0.002017	1.155321	0.2724
LAG4D2PDRB	-0.007532	0.002248	-3.350209	0.0065
LAG5D2PDRB	0.006401	0.002528	2.532602	0.0278
LAG6D2PDRB	-0.000210	0.002450	-0.085765	0.9332
R-squared	0.943371	Mean dependent var	34492.07	
Adjusted R-squared	0.907334	S.D. dependent var	13650.02	
S.E. of regression	4155.204	Akaike info criterion	<b>19.79767</b>	
Sum squared resid	1.90E+08	Schwarz criterion	20.19533	
Log likelihood	-180.0779	F-statistic	26.17814	
Durbin-Watson stat	1.759307	Prob(F-statistic)	0.000005	

### LAG D<sup>2</sup>PDRB = 1

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:09  
 Sample(adjusted): 1985 2007  
 Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2599.406	3009.874	0.863626	0.3986
LAG1D2E	0.536699	0.240241	2.234005	0.0377
LAG2D2E	0.282605	0.227979	1.239611	0.2302
LAG1D2PDRB	0.001353	0.001994	0.678716	0.5055
R-squared	0.907062	Mean dependent var	29635.72	
Adjusted R-squared	0.892387	S.D. dependent var	16420.88	
S.E. of regression	5386.768	Akaike info criterion	<b>20.17805</b>	
Sum squared resid	5.51E+08	Schwarz criterion	20.37553	
Log likelihood	-228.0476	F-statistic	61.81227	
Durbin-Watson stat	1.995520	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:10  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3100.709	3676.453	0.843397	0.4107
LAG1D2E	0.539062	0.256333	2.102979	0.0507
LAG2D2E	0.292293	0.270918	1.078899	0.2957
LAG3D2E	-0.014450	0.266805	-0.054161	0.9574
LAG1D2PDRB	0.001255	0.002317	0.541612	0.5951
R-squared	0.898390	Mean dependent var	30709.83	
Adjusted R-squared	0.874482	S.D. dependent var	15958.90	
S.E. of regression	5653.999	Akaike info criterion	<b>20.31483</b>	
Sum squared resid	5.43E+08	Schwarz criterion	20.56279	
Log likelihood	-218.4631	F-statistic	37.57671	
Durbin-Watson stat	2.017529	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:11  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4248.147	4178.084	1.016769	0.3254
LAG1D2E	0.512495	0.271265	1.889276	0.0783
LAG2D2E	0.267425	0.294864	0.906945	0.3788
LAG3D2E	-0.053380	0.321824	-0.165868	0.8705
LAG4D2E	0.100327	0.272676	0.367934	0.7181
LAG1D2PDRB	0.001024	0.002487	0.411899	0.6862
R-squared	0.888773	Mean dependent var	31892.70	
Adjusted R-squared	0.851697	S.D. dependent var	15332.97	
S.E. of regression	5904.751	Akaike info criterion	<b>20.43986</b>	
Sum squared resid	5.23E+08	Schwarz criterion	20.73829	
Log likelihood	-208.6185	F-statistic	23.97178	
Durbin-Watson stat	2.048168	Prob(F-statistic)	0.000001	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:12  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6588.892	5009.429	1.315298	0.2111
LAG1D2E	0.473518	0.283850	1.668195	0.1192
LAG2D2E	0.256302	0.305834	0.838043	0.4171
LAG3D2E	-0.060762	0.342397	-0.177461	0.8619
LAG4D2E	-0.003915	0.313920	-0.012473	0.9902
LAG5D2E	0.225276	0.293888	0.766536	0.4571
LAG1D2PDRB	0.000261	0.002698	0.096670	0.9245
R-squared	0.879759	Mean dependent var	33143.89	
Adjusted R-squared	0.824263	S.D. dependent var	14590.01	
S.E. of regression	6116.283	Akaike info criterion	<b>20.54451</b>	
Sum squared resid	4.86E+08	Schwarz criterion	20.89302	
Log likelihood	-198.4451	F-statistic	15.85266	
Durbin-Watson stat	1.927643	Prob(F-statistic)	0.000027	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:12  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9842.434	6015.969	1.636051	0.1301
LAG1D2E	0.524958	0.325893	1.610829	0.1355
LAG2D2E	0.256684	0.317930	0.807359	0.4366
LAG3D2E	0.043536	0.371793	0.117098	0.9089
LAG4D2E	0.034887	0.328229	0.106289	0.9173
LAG5D2E	0.360927	0.350724	1.029091	0.3255
LAG6D2E	-0.233689	0.372898	-0.626684	0.5437
LAG1D2PDRB	-0.001480	0.003377	-0.438180	0.6697
R-squared	0.868888	Mean dependent var	34492.07	
Adjusted R-squared	0.785453	S.D. dependent var	13650.02	
S.E. of regression	6322.585	Akaike info criterion	<b>20.63721</b>	
Sum squared resid	4.40E+08	Schwarz criterion	21.03486	
Log likelihood	-188.0535	F-statistic	10.41395	
Durbin-Watson stat	1.989427	Prob(F-statistic)	0.000441	

## LAG D<sup>2</sup>E = 2

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:13  
 Sample(adjusted): 1985 2007  
 Included observations: 23 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1749.674	3183.248	0.549650	0.5893
LAG1D2E	0.515858	0.242987	2.122989	0.0479
LAG2D2E	0.205452	0.246029	0.835074	0.4146
LAG1D2PDRB	0.000509	0.002230	0.228237	0.8220
LAG2D2PDRB	0.001955	0.002249	0.869224	0.3962
R-squared	0.910806	Mean dependent var	29635.72	
Adjusted R-squared	0.890985	S.D. dependent var	16420.88	
S.E. of regression	5421.759	Akaike info criterion	<b>20.22389</b>	
Sum squared resid	5.29E+08	Schwarz criterion	20.47073	
Log likelihood	-227.5747	F-statistic	45.95165	
Durbin-Watson stat	2.041207	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:14  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1846.905	3425.287	0.539197	0.5972
LAG1D2E	0.440050	0.251309	1.751029	0.0991
LAG2D2E	0.175860	0.248713	0.707079	0.4897
LAG1D2PDRB	-0.000311	0.002320	-0.133870	0.8952
LAG2D2PDRB	0.000964	0.002381	0.405000	0.6908
LAG3D2PDRB	0.002944	0.002317	1.270336	0.2221
R-squared	0.911287	Mean dependent var	30709.83	
Adjusted R-squared	0.883564	S.D. dependent var	15958.90	
S.E. of regression	5445.611	Akaike info criterion	<b>20.27001</b>	
Sum squared resid	4.74E+08	Schwarz criterion	20.56757	
Log likelihood	-216.9701	F-statistic	32.87131	
Durbin-Watson stat	1.700329	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:15  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3169.950	3524.523	0.899398	0.3836
LAG1D2E	0.557440	0.249399	2.235137	0.0422
LAG2D2E	0.254864	0.240007	1.061901	0.3063
LAG1D2PDRB	-0.001133	0.002251	-0.503236	0.6226
LAG2D2PDRB	0.002167	0.002382	0.909455	0.3785
LAG3D2PDRB	0.004506	0.002364	1.905905	0.0774
LAG4D2PDRB	-0.004254	0.002399	-1.773286	0.0979
R-squared	0.920257	Mean dependent var	31892.70	
Adjusted R-squared	0.886081	S.D. dependent var	15332.97	
S.E. of regression	5175.160	Akaike info criterion	<b>20.20233</b>	
Sum squared resid	3.75E+08	Schwarz criterion	20.55050	
Log likelihood	-205.1245	F-statistic	26.92731	
Durbin-Watson stat	1.452504	Prob(F-statistic)	0.000001	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:16  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2473.185	3077.106	0.803737	0.4372
LAG1D2E	0.752734	0.207845	3.621617	0.0035
LAG2D2E	-0.121540	0.226259	-0.537174	0.6010
LAG1D2PDRB	-0.000817	0.001795	-0.455385	0.6570
LAG2D2PDRB	0.003219	0.001918	1.678798	0.1190
LAG3D2PDRB	0.002184	0.002000	1.091974	0.2963
LAG4D2PDRB	-0.007928	0.002236	-3.545161	0.0040
LAG5D2PDRB	0.006821	0.002150	3.172824	0.0080
R-squared	0.950894	Mean dependent var	33143.89	
Adjusted R-squared	0.922249	S.D. dependent var	14590.01	
S.E. of regression	4068.257	Akaike info criterion	<b>19.74899</b>	
Sum squared resid	1.99E+08	Schwarz criterion	20.14728	
Log likelihood	-189.4899	F-statistic	33.19575	
Durbin-Watson stat	1.895410	Prob(F-statistic)	0.000001	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:16  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3518.261	3598.113	0.977807	0.3512
LAG1D2E	0.844238	0.341021	2.475620	0.0328
LAG2D2E	-0.177096	0.289226	-0.612309	0.5540
LAG1D2PDRB	-0.001366	0.002094	-0.652402	0.5289
LAG2D2PDRB	0.003302	0.002142	1.541812	0.1541
LAG3D2PDRB	0.002021	0.002137	0.945683	0.3666
LAG4D2PDRB	-0.007893	0.002389	-3.304089	0.0080
LAG5D2PDRB	0.008065	0.003762	2.143766	0.0577
LAG6D2PDRB	-0.001271	0.003061	-0.415252	0.6867
R-squared	0.945417	Mean dependent var	34492.07	
Adjusted R-squared	0.901751	S.D. dependent var	13650.02	
S.E. of regression	4278.547	Akaike info criterion	<b>19.86613</b>	
Sum squared resid	1.83E+08	Schwarz criterion	20.31349	
Log likelihood	-179.7282	F-statistic	21.65111	
Durbin-Watson stat	1.964901	Prob(F-statistic)	0.000024	

### LAG D<sup>2</sup>PDRB = 2

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:18  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2138.703	3898.125	0.548649	0.5908
LAG1D2E	0.521147	0.259876	2.005370	0.0621
LAG2D2E	0.223234	0.286576	0.778970	0.4474
LAG3D2E	-0.029832	0.270181	-0.110415	0.9135
LAG1D2PDRB	0.000485	0.002525	0.192182	0.8500
LAG2D2PDRB	0.001931	0.002377	0.812191	0.4286
R-squared	0.902414	Mean dependent var	30709.83	
Adjusted R-squared	0.871918	S.D. dependent var	15958.90	
S.E. of regression	5711.461	Akaike info criterion	<b>20.36534</b>	
Sum squared resid	5.22E+08	Schwarz criterion	20.66290	
Log likelihood	-218.0187	F-statistic	29.59146	
Durbin-Watson stat	2.076244	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:19  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3255.845	4537.546	0.717534	0.4848
LAG1D2E	0.509176	0.276834	1.839281	0.0872
LAG2D2E	0.229056	0.306806	0.746580	0.4677
LAG3D2E	-0.019951	0.332521	-0.060000	0.9530
LAG4D2E	0.016292	0.307784	0.052932	0.9585
LAG1D2PDRB	0.000251	0.002812	0.089263	0.9301
LAG2D2PDRB	0.001774	0.002779	0.638498	0.5335
R-squared	0.891920	Mean dependent var	31892.70	
Adjusted R-squared	0.845600	S.D. dependent var	15332.97	
S.E. of regression	6024.905	Akaike info criterion	<b>20.50639</b>	
Sum squared resid	5.08E+08	Schwarz criterion	20.85457	
Log likelihood	-208.3171	F-statistic	19.25560	
Durbin-Watson stat	2.094978	Prob(F-statistic)	0.000005	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:19  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5396.358	5309.054	1.016444	0.3295
LAG1D2E	0.466211	0.288327	1.616956	0.1319
LAG2D2E	0.202701	0.317956	0.637515	0.5358
LAG3D2E	-0.032229	0.349521	-0.092209	0.9281
LAG4D2E	-0.142279	0.364442	-0.390402	0.7031
LAG5D2E	0.285746	0.308205	0.927129	0.3721
LAG1D2PDRB	-0.000800	0.003056	-0.261909	0.7978
LAG2D2PDRB	0.002324	0.002970	0.782752	0.4489
R-squared	0.885600	Mean dependent var	33143.89	
Adjusted R-squared	0.818866	S.D. dependent var	14590.01	
S.E. of regression	6209.480	Akaike info criterion	<b>20.59472</b>	
Sum squared resid	4.63E+08	Schwarz criterion	20.99301	
Log likelihood	-197.9472	F-statistic	13.27071	
Durbin-Watson stat	1.951006	Prob(F-statistic)	0.000086	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:20  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8264.077	6182.790	1.336626	0.2110
LAG1D2E	0.589034	0.330478	1.782368	0.1050
LAG2D2E	0.192498	0.322708	0.596508	0.5641
LAG3D2E	0.133049	0.380282	0.349871	0.7337
LAG4D2E	-0.151683	0.372975	-0.406684	0.6928
LAG5D2E	0.534831	0.387363	1.380695	0.1974
LAG6D2E	-0.422454	0.413472	-1.021724	0.3310
LAG1D2PDRB	-0.003865	0.004072	-0.949191	0.3649
LAG2D2PDRB	0.003520	0.003384	1.040157	0.3228
R-squared	0.881688	Mean dependent var	34492.07	
Adjusted R-squared	0.787039	S.D. dependent var	13650.02	
S.E. of regression	6299.171	Akaike info criterion	<b>20.63974</b>	
Sum squared resid	3.97E+08	Schwarz criterion	21.08710	
Log likelihood	-187.0775	F-statistic	9.315310	
Durbin-Watson stat	2.094379	Prob(F-statistic)	0.000952	

### LAG D<sup>2</sup>E = 3

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:21  
 Sample(adjusted): 1986 2007  
 Included observations: 22 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1172.063	3889.623	0.301331	0.7673
LAG1D2E	0.452525	0.259945	1.740848	0.1022
LAG2D2E	0.223142	0.280653	0.795079	0.4390
LAG3D2E	-0.110597	0.271825	-0.406870	0.6898
LAG1D2PDRB	-1.74E-06	0.002501	-0.000696	0.9995
LAG2D2PDRB	0.000959	0.002445	0.392171	0.7004
LAG3D2PDRB	0.003172	0.002445	1.297083	0.2142
R-squared	0.912255	Mean dependent var	30709.83	
Adjusted R-squared	0.877157	S.D. dependent var	15958.90	
S.E. of regression	5593.423	Akaike info criterion	<b>20.34994</b>	
Sum squared resid	4.69E+08	Schwarz criterion	20.69709	
Log likelihood	-216.8494	F-statistic	25.99172	
Durbin-Watson stat	1.730648	Prob(F-statistic)	0.000000	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:22  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2891.882	4063.452	0.711681	0.4892
LAG1D2E	0.560969	0.259552	2.161298	0.0499
LAG2D2E	0.271475	0.270538	1.003465	0.3339
LAG3D2E	-0.041285	0.263887	-0.156451	0.8781
LAG1D2PDRB	-0.001006	0.002471	-0.407234	0.6905
LAG2D2PDRB	0.002153	0.002471	0.871281	0.3994
LAG3D2PDRB	0.004574	0.002489	1.837291	0.0891
LAG4D2PDRB	-0.004209	0.002503	-1.681460	0.1165
R-squared	0.920407	Mean dependent var	31892.70	
Adjusted R-squared	0.877549	S.D. dependent var	15332.97	
S.E. of regression	5365.469	Akaike info criterion	<b>20.29569</b>	
Sum squared resid	3.74E+08	Schwarz criterion	20.69360	
Log likelihood	-205.1047	F-statistic	21.47579	
Durbin-Watson stat	1.458154	Prob(F-statistic)	0.000004	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:23  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	582.0397	3569.056	0.163079	0.8734
LAG1D2E	0.796197	0.211401	3.766290	0.0031
LAG2D2E	-0.075726	0.229848	-0.329461	0.7480
LAG3D2E	-0.219808	0.212039	-1.036638	0.3222
LAG1D2PDRB	-4.12E-05	0.001940	-0.021260	0.9834
LAG2D2PDRB	0.003300	0.001913	1.724987	0.1125
LAG3D2PDRB	0.002309	0.001998	1.155929	0.2722
LAG4D2PDRB	-0.008094	0.002235	-3.621412	0.0040
LAG5D2PDRB	0.007496	0.002240	3.346564	0.0065
R-squared	0.955265	Mean dependent var	33143.89	
Adjusted R-squared	0.922730	S.D. dependent var	14590.01	
S.E. of regression	4055.667	Akaike info criterion	<b>19.75578</b>	
Sum squared resid	1.81E+08	Schwarz criterion	20.20386	
Log likelihood	-188.5578	F-statistic	29.36122	
Durbin-Watson stat	1.919267	Prob(F-statistic)	0.000002	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:23  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	601.0154	5012.596	0.119901	0.9072
LAG1D2E	0.590787	0.456907	1.293016	0.2282
LAG2D2E	0.097380	0.436557	0.223064	0.8285
LAG3D2E	-0.349516	0.411697	-0.848964	0.4179
LAG1D2PDRB	0.001050	0.003551	0.295659	0.7742
LAG2D2PDRB	0.002654	0.002302	1.152702	0.2787
LAG3D2PDRB	0.002697	0.002309	1.167947	0.2728
LAG4D2PDRB	-0.007782	0.002427	-3.206943	0.0107
LAG5D2PDRB	0.005345	0.004982	1.072947	0.3112
LAG6D2PDRB	0.002591	0.005507	0.470485	0.6492
R-squared	0.949464	Mean dependent var	34492.07	
Adjusted R-squared	0.898929	S.D. dependent var	13650.02	
S.E. of regression	4339.569	Akaike info criterion	<b>19.89435</b>	
Sum squared resid	1.69E+08	Schwarz criterion	20.39143	
Log likelihood	-178.9964	F-statistic	18.78806	
Durbin-Watson stat	1.958234	Prob(F-statistic)	0.000084	

### LAG D<sup>2</sup>PDRB = 3

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:25  
 Sample(adjusted): 1987 2007  
 Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2228.334	4536.854	0.491163	0.6315
LAG1D2E	0.443153	0.277308	1.598053	0.1340
LAG2D2E	0.232895	0.301486	0.772491	0.4536
LAG3D2E	-0.087723	0.331389	-0.264713	0.7954
LAG4D2E	-0.007638	0.303060	-0.025202	0.9803
LAG1D2PDRB	-0.000298	0.002799	-0.106330	0.9169
LAG2D2PDRB	0.000894	0.002824	0.316495	0.7567
LAG3D2PDRB	0.003177	0.002594	1.224780	0.2424
R-squared	0.903101	Mean dependent var	31892.70	
Adjusted R-squared	0.850925	S.D. dependent var	15332.97	
S.E. of regression	5920.099	Akaike info criterion	<b>20.49243</b>	
Sum squared resid	4.56E+08	Schwarz criterion	20.89034	
Log likelihood	-207.1705	F-statistic	17.30865	
Durbin-Watson stat	1.744834	Prob(F-statistic)	0.000012	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:25  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4251.248	5514.120	0.770975	0.4570
LAG1D2E	0.421605	0.295403	1.427218	0.1813
LAG2D2E	0.217302	0.321373	0.676168	0.5129
LAG3D2E	-0.071933	0.355670	-0.202246	0.8434
LAG4D2E	-0.099030	0.371126	-0.266836	0.7945
LAG5D2E	0.177511	0.334447	0.530761	0.6061
LAG1D2PDRB	-0.000972	0.003091	-0.314592	0.7590
LAG2D2PDRB	0.001341	0.003198	0.419375	0.6830
LAG3D2PDRB	0.002603	0.002952	0.881704	0.3968
R-squared	0.893151	Mean dependent var	33143.89	
Adjusted R-squared	0.815443	S.D. dependent var	14590.01	
S.E. of regression	6267.886	Akaike info criterion	<b>20.62643</b>	
Sum squared resid	4.32E+08	Schwarz criterion	21.07451	
Log likelihood	-197.2643	F-statistic	11.49365	
Durbin-Watson stat	1.710920	Prob(F-statistic)	0.000237	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:26  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7396.779	6701.236	1.103793	0.2983
LAG1D2E	0.533214	0.364309	1.463631	0.1773
LAG2D2E	0.202015	0.336721	0.599949	0.5633
LAG3D2E	0.081683	0.411019	0.198733	0.8469
LAG4D2E	-0.119432	0.394533	-0.302716	0.7690
LAG5D2E	0.423454	0.468501	0.903849	0.3896
LAG6D2E	-0.339370	0.465849	-0.728497	0.4848
LAG1D2PDRB	-0.003435	0.004339	-0.791642	0.4489
LAG2D2PDRB	0.002641	0.003994	0.661115	0.5251
LAG3D2PDRB	0.001565	0.003347	0.467631	0.6512
R-squared	0.884495	Mean dependent var	34492.07	
Adjusted R-squared	0.768990	S.D. dependent var	13650.02	
S.E. of regression	6560.683	Akaike info criterion	<b>20.72099</b>	
Sum squared resid	3.87E+08	Schwarz criterion	21.21807	
Log likelihood	-186.8494	F-statistic	7.657618	
Durbin-Watson stat	1.924449	Prob(F-statistic)	0.002835	

## LAG D<sup>2</sup>E = 4

Dependent Variable: D2E

Method: Least Squares

Date: 10/27/09 Time: 15:27

Sample(adjusted): 1987 2007

Included observations: 21 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3335.935	4288.377	0.777901	0.4517
LAG1D2E	0.557475	0.267656	2.082801	0.0593
LAG2D2E	0.251644	0.281885	0.892720	0.3896
LAG3D2E	-0.113104	0.309966	-0.364890	0.7215
LAG4D2E	0.143419	0.296740	0.483317	0.6376
LAG1D2PDRB	-0.000698	0.002626	-0.265734	0.7950
LAG2D2PDRB	0.001743	0.002685	0.649320	0.5284
LAG3D2PDRB	0.004625	0.002568	1.800696	0.0969
LAG4D2PDRB	-0.004600	0.002704	-1.701028	0.1147
R-squared	0.921927	Mean dependent var	31892.70	
Adjusted R-squared	0.869878	S.D. dependent var	15332.97	
S.E. of regression	5530.983	Akaike info criterion	<b>20.37165</b>	
Sum squared resid	3.67E+08	Schwarz criterion	20.81930	
Log likelihood	-204.9023	F-statistic	17.71269	
Durbin-Watson stat	1.463275	Prob(F-statistic)	0.000015	

Dependent Variable: D2E

Method: Least Squares

Date: 10/27/09 Time: 15:27

Sample(adjusted): 1988 2007

Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1177.187	3646.680	0.322811	0.7535
LAG1D2E	0.796127	0.212665	3.743574	0.0038
LAG2D2E	-0.111516	0.234386	-0.475781	0.6445
LAG3D2E	-0.325947	0.241774	-1.348147	0.2074
LAG4D2E	0.204791	0.219609	0.932528	0.3730
LAG1D2PDRB	0.000417	0.002012	0.207386	0.8399
LAG2D2PDRB	0.002739	0.002017	1.358011	0.2043
LAG3D2PDRB	0.002333	0.002010	1.160792	0.2727
LAG4D2PDRB	-0.008736	0.002351	-3.715179	0.0040
LAG5D2PDRB	0.007658	0.002260	3.388552	0.0069
R-squared	0.958844	Mean dependent var	33143.89	
Adjusted R-squared	0.921803	S.D. dependent var	14590.01	
S.E. of regression	4079.920	Akaike info criterion	<b>19.77240</b>	
Sum squared resid	1.66E+08	Schwarz criterion	20.27026	
Log likelihood	-187.7240	F-statistic	25.88612	
Durbin-Watson stat	1.938572	Prob(F-statistic)	0.000009	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:28  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3693.720	6253.699	0.590646	0.5711
LAG1D2E	0.897027	0.587093	1.527913	0.1651
LAG2D2E	-0.232903	0.589092	-0.395359	0.7029
LAG3D2E	-0.218254	0.445641	-0.489752	0.6375
LAG4D2E	0.274704	0.322600	0.851530	0.4192
LAG1D2PDRB	-0.000630	0.004111	-0.153258	0.8820
LAG2D2PDRB	0.002663	0.002338	1.138662	0.2878
LAG3D2PDRB	0.002039	0.002469	0.825696	0.4329
LAG4D2PDRB	-0.008850	0.002766	-3.200211	0.0126
LAG5D2PDRB	0.008967	0.006610	1.356605	0.2119
LAG6D2PDRB	-0.001731	0.007553	-0.229184	0.8245
R-squared	0.953664	Mean dependent var	34492.07	
Adjusted R-squared	0.895745	S.D. dependent var	13650.02	
S.E. of regression	4407.401	Akaike info criterion	<b>19.91286</b>	
Sum squared resid	1.55E+08	Schwarz criterion	20.45964	
Log likelihood	-178.1721	F-statistic	16.46529	
Durbin-Watson stat	2.007637	Prob(F-statistic)	0.000278	

#### LAG D<sup>2</sup>PDRB = 4

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:29  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5579.572	5144.083	1.084658	0.3035
LAG1D2E	0.544216	0.281678	1.932049	0.0822
LAG2D2E	0.227551	0.296440	0.767613	0.4605
LAG3D2E	-0.109396	0.328738	-0.332774	0.7462
LAG4D2E	0.014309	0.348602	0.041046	0.9681
LAG5D2E	0.261680	0.312327	0.837839	0.4217
LAG1D2PDRB	-0.001526	0.002869	-0.531830	0.6065
LAG2D2PDRB	0.002545	0.003032	0.839467	0.4208
LAG3D2PDRB	0.003875	0.002822	1.373117	0.1997
LAG4D2PDRB	-0.004907	0.002865	-1.712736	0.1175
R-squared	0.917386	Mean dependent var	33143.89	
Adjusted R-squared	0.843033	S.D. dependent var	14590.01	
S.E. of regression	5780.428	Akaike info criterion	<b>20.46920</b>	
Sum squared resid	3.34E+08	Schwarz criterion	20.96706	
Log likelihood	-194.6920	F-statistic	12.33828	
Durbin-Watson stat	1.393433	Prob(F-statistic)	0.000256	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:30  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7612.377	6416.907	1.186300	0.2695
LAG1D2E	0.511142	0.349127	1.464057	0.1813
LAG2D2E	0.220728	0.322632	0.684147	0.5132
LAG3D2E	-0.089236	0.413338	-0.215891	0.8345
LAG4D2E	0.038820	0.395461	0.098163	0.9242
LAG5D2E	0.265341	0.463534	0.572430	0.5828
LAG6D2E	0.022076	0.520189	0.042438	0.9672
LAG1D2PDRB	-0.001754	0.004337	-0.404394	0.6965
LAG2D2PDRB	0.002200	0.003837	0.573281	0.5822
LAG3D2PDRB	0.003835	0.003618	1.059939	0.3201
LAG4D2PDRB	-0.004904	0.003634	-1.349565	0.2141
R-squared	0.905915	Mean dependent var	34492.07	
Adjusted R-squared	0.788308	S.D. dependent var	13650.02	
S.E. of regression	6280.370	Akaike info criterion	<b>20.62114</b>	
Sum squared resid	3.16E+08	Schwarz criterion	21.16792	
Log likelihood	-184.9009	F-statistic	7.702929	
Durbin-Watson stat	1.401489	Prob(F-statistic)	0.004018	

### LAG D<sup>2</sup>E = 5

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:32  
 Sample(adjusted): 1988 2007  
 Included observations: 20 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1229.362	4090.451	0.300544	0.7706
LAG1D2E	0.795203	0.225517	3.526129	0.0065
LAG2D2E	-0.110941	0.247526	-0.448199	0.6646
LAG3D2E	-0.325738	0.254894	-1.277933	0.2332
LAG4D2E	0.199862	0.266557	0.749791	0.4725
LAG5D2E	0.009210	0.247014	0.037285	0.9711
LAG1D2PDRB	0.000392	0.002227	0.175992	0.8642
LAG2D2PDRB	0.002767	0.002257	1.225969	0.2513
LAG3D2PDRB	0.002317	0.002162	1.071512	0.3118
LAG4D2PDRB	-0.008732	0.002481	-3.519237	0.0065
LAG5D2PDRB	0.007626	0.002532	3.011423	0.0147
R-squared	0.958850	Mean dependent var	33143.89	
Adjusted R-squared	0.913127	S.D. dependent var	14590.01	
S.E. of regression	4300.281	Akaike info criterion	<b>19.87224</b>	
Sum squared resid	1.66E+08	Schwarz criterion	20.41989	
Log likelihood	-187.7224	F-statistic	20.97113	
Durbin-Watson stat	1.935612	Prob(F-statistic)	0.000048	

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:33  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3961.949	7035.050	0.563173	0.5909
LAG1D2E	0.899922	0.627424	1.434312	0.1946
LAG2D2E	-0.237356	0.630176	-0.376651	0.7176
LAG3D2E	-0.212639	0.478157	-0.444705	0.6700
LAG4D2E	0.260011	0.365185	0.712000	0.4995
LAG5D2E	0.033101	0.272889	0.121298	0.9069
LAG1D2PDRB	-0.000768	0.004536	-0.169378	0.8703
LAG2D2PDRB	0.002769	0.002647	1.046006	0.3303
LAG3D2PDRB	0.001966	0.002705	0.726877	0.4909
LAG4D2PDRB	-0.008846	0.002954	-2.994851	0.0201
LAG5D2PDRB	0.008925	0.007067	1.262949	0.2470
LAG6D2PDRB	-0.001824	0.008102	-0.225094	0.8283
R-squared	0.953761	Mean dependent var	34492.07	
Adjusted R-squared	0.881101	S.D. dependent var	13650.02	
S.E. of regression	4706.766	Akaike info criterion	<b>20.01602</b>	
Sum squared resid	1.55E+08	Schwarz criterion	20.61251	
Log likelihood	-178.1522	F-statistic	13.12625	
Durbin-Watson stat	1.994785	Prob(F-statistic)	0.001195	

## LAG D<sup>2</sup>PDRB = 5

Dependent Variable: D2E  
 Method: Least Squares  
 Date: 10/27/09 Time: 15:34  
 Sample(adjusted): 1989 2007  
 Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2698.490	5145.537	0.524433	0.6162
LAG1D2E	0.744931	0.275772	2.701253	0.0306
LAG2D2E	-0.108366	0.271039	-0.399817	0.7012
LAG3D2E	-0.333829	0.322920	-1.033783	0.3356
LAG4D2E	0.229452	0.304806	0.752782	0.4761
LAG5D2E	-0.025131	0.363875	-0.069064	0.9469
LAG6D2E	0.084647	0.390647	0.216685	0.8346
LAG1D2PDRB	0.000580	0.003365	0.172270	0.8681
LAG2D2PDRB	0.002253	0.002877	0.783131	0.4592
LAG3D2PDRB	0.002564	0.002753	0.931284	0.3827
LAG4D2PDRB	-0.008911	0.003105	-2.870137	0.0240
LAG5D2PDRB	0.007499	0.002788	2.689971	0.0311
R-squared	0.953737	Mean dependent var	34492.07	
Adjusted R-squared	0.881038	S.D. dependent var	13650.02	
S.E. of regression	4708.007	Akaike info criterion	<b>20.01655</b>	
Sum squared resid	1.55E+08	Schwarz criterion	20.61303	
Log likelihood	-178.1572	F-statistic	13.11900	
Durbin-Watson stat	1.905252	Prob(F-statistic)	0.001197	

## **LAG D<sup>2</sup>E = 6 DAN LAG D<sup>2</sup>PDRB = 6**

Dependent Variable: D2E  
Method: Least Squares  
Date: 10/27/09 Time: 15:36  
Sample(adjusted): 1989 2007  
Included observations: 19 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3763.065	7644.008	0.492290	0.6400
LAG1D2E	0.871173	0.691633	1.259589	0.2546
LAG2D2E	-0.232281	0.679046	-0.342069	0.7440
LAG3D2E	-0.248482	0.546986	-0.454275	0.6656
LAG4D2E	0.276485	0.402272	0.687309	0.5176
LAG5D2E	-0.017671	0.393435	-0.044914	0.9656
LAG6D2E	0.081654	0.420779	0.194054	0.8525
LAG1D2PDRB	-0.000265	0.005530	-0.047888	0.9634
LAG2D2PDRB	0.002461	0.003263	0.754107	0.4793
LAG3D2PDRB	0.002269	0.003304	0.686631	0.5180
LAG4D2PDRB	-0.009149	0.003542	-2.582533	0.0416
LAG5D2PDRB	0.008912	0.007609	1.171157	0.2859
LAG6D2PDRB	-0.001764	0.008729	-0.202089	0.8465
R-squared	0.954050	Mean dependent var	34492.07	
Adjusted R-squared	0.862149	S.D. dependent var	13650.02	
S.E. of regression	5068.010	Akaike info criterion	<b>20.11503</b>	
Sum squared resid	1.54E+08	Schwarz criterion	20.76122	
Log likelihood	-178.0927	F-statistic	10.38135	
Durbin-Watson stat	1.926916	Prob(F-statistic)	0.004563	



### Variabel $\Delta^2\text{PDRB}_t$

Dependent Variable: D2PDRB

Method: Least Squares

Date: 10/29/09 Time: 12:12

Sample(adjusted): 1984 2007

Included observations: 24 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LAG1D2PDRB	1.037317	0.034126	30.39692	0.0000
R-squared	0.856775	Mean dependent var	3569575.	
Adjusted R-squared	0.856775	S.D. dependent var	1647761.	
S.E. of regression	623597.2	Akaike info criterion	29.56517	
Sum squared resid	8.94E+12	Schwarz criterion	29.61426	
Log likelihood	-353.7820	Durbin-Watson stat	2.855145	

### Variabel $\Delta^2E_t$

Dependent Variable: D2E

Method: Least Squares

Date: 10/29/09 Time: 12:15

Sample(adjusted): 1984 2007

Included observations: 24 after adjusting endpoints

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LAG1D2E	1.026307	0.036015	28.49676	0.0000
R-squared	0.888617	Mean dependent var	28647.97	
Adjusted R-squared	0.888617	S.D. dependent var	16773.11	
S.E. of regression	5597.867	Akaike info criterion	20.13893	
Sum squared resid	7.21E+08	Schwarz criterion	20.18802	
Log likelihood	-240.6672	Durbin-Watson stat	2.524031	