

LAMPIRAN 1**DATA PAD (Y), PERTUMBUHAN EKONOMI (X1), JUMLAH PENDUDUK (X2) KURS (X3) KABUPATEN TASIKMALAYA**

TAHUN	PAD	X1	X2	X3
1986	68274200	11.7	1609386	1110
1987	5084678	-8,9	1616267	1386
1988	13753167	6.35	1621819	1651
1989	16069257	6.84	1624490	1686
1990	22153725	7.29	1815048	1763
1991	30617747	4.91	1815103	2000
1992	5609687	6.97	181057	2000
1993	6955808	61.06	1817506	2000
1994	8062203	5.71	1820351	2010
1995	9313485	6.92	1823183	2100
1996	11249248	6.99	1896546	2150
1997	18819647	3.76	1905421	3300
1998	13901207	-15,54	1916615	4000
1999	13739530	2.21	1919759	8000
2000	1,54434E+12	2.76	1971014	8200
2001	2,53061E+12	-49,32	1535859	9500
2002	9,56573E+11	2.98	1582793	9000
2003	1,86592E+12	3.13	1606711	8500
2004	2,05989E+12	3.03	1616102	9000
2005	2,05989E+12	32.58	1645971	9500
2006	3,54406E+12	2.09	1668581	9800
2007	3,47255E+12	53.09	1707297	9200
2008	47194342024	3.86	1707297	9125
2009	34663570399	7.47	1727320	9666
2010	48338061521	4.09	1675675	9474
2011	55771204716	4.13	1692432	9036
2012	1,81339E+12	4.00	1716178	9113
2013	7,04742E+12	-234,16	1720124	9670
2014	1,54255E+13	4.54	1728618	12189
2015	1,86487E+11	4.34	1735998	12440

LAMPIRAN 2

Uji Level PAD

Null Hypothesis: PAD has a unit root
Exogenous: Constant
Lag Length: 1 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-3.331099	0.0229
Test critical values:		
1% level	-3.689194	
5% level	-2.971853	
10% level	-2.625121	

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

Augmented Dickey-Fuller Test Equation
Dependent Variable: D(PAD)
Method: Least Squares
Date: 01/10/17 Time: 10:03
Sample (adjusted): 1988 2015
Included observations: 28 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
PAD(-1)	-1.280644	0.384451	-3.331099	0.0027
D(PAD(-1))	1.102365	0.596903	1.846808	0.0766
C	1.33E+17	6.37E+16	2.094561	0.0465
R-squared	0.405980	Mean dependent var		6.66E+14
Adjusted R-squared	0.358459	S.D. dependent var		3.62E+17
S.E. of regression	2.90E+17	Akaike info criterion		83.35650
Sum squared resid	2.10E+36	Schwarz criterion		83.49923
Log likelihood	-1163.991	Hannan-Quinn criter.		83.40013
F-statistic	8.543076	Durbin-Watson stat		1.766002
Prob(F-statistic)	0.001488			

LAMPIRAN 3

Uji Level PE

Null Hypothesis: PE has a unit root
Exogenous: Constant
Lag Length: 0 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-5.496423	0.0001
Test critical values:		
1% level	-3.679322	
5% level	-2.967767	
10% level	-2.622989	

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

Augmented Dickey-Fuller Test Equation
Dependent Variable: D(PE)
Method: Least Squares
Date: 01/10/17 Time: 10:02
Sample (adjusted): 1987 2015
Included observations: 29 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
PE(-1)	-1.056106	0.192144	-5.496423	0.0000
C	-1080.120	855.6258	-1.262375	0.2176

R-squared	0.528060	Mean dependent var	-0.253793
Adjusted R-squared	0.510581	S.D. dependent var	6410.332
S.E. of regression	4484.572	Akaike info criterion	19.72115
Sum squared resid	5.43E+08	Schwarz criterion	19.81544
Log likelihood	-283.9566	Hannan-Quinn criter.	19.75068
F-statistic	30.21067	Durbin-Watson stat	2.006699
Prob(F-statistic)	0.000008		

LAMPIRAN 4

Uji Level Jumlah Penduduk

Null Hypothesis: JP has a unit root
 Exogenous: Constant
 Lag Length: 7 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-7.103764	0.0000
Test critical values:		
1% level	-3.769597	
5% level	-3.004861	
10% level	-2.642242	

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

Augmented Dickey-Fuller Test Equation
 Dependent Variable: D(JP)
 Method: Least Squares
 Date: 01/10/17 Time: 10:04
 Sample (adjusted): 1994 2015
 Included observations: 22 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
JP(-1)	-1.779066	0.250440	-7.103764	0.0000
D(JP(-1))	0.825585	0.134103	6.156337	0.0000
D(JP(-2))	0.785649	0.126035	6.233557	0.0000
D(JP(-3))	0.731778	0.116721	6.269454	0.0000
D(JP(-4))	0.621425	0.105631	5.882970	0.0001
D(JP(-5))	0.496364	0.087976	5.642007	0.0001
D(JP(-6))	0.346743	0.065470	5.296244	0.0001
D(JP(-7))	0.194886	0.040876	4.767689	0.0004
C	3044537.	429061.6	7.095804	0.0000
R-squared	0.801595	Mean dependent var	-3704.909	
Adjusted R-squared	0.679499	S.D. dependent var	99311.32	
S.E. of regression	56222.94	Akaike info criterion	25.00413	
Sum squared resid	4.11E+10	Schwarz criterion	25.45046	
Log likelihood	-266.0454	Hannan-Quinn criter.	25.10927	
F-statistic	6.565298	Durbin-Watson stat	0.694537	
Prob(F-statistic)	0.001561			

LAMPIRAN 5

Uji Level Kurs

Null Hypothesis: KURS has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.336189	0.9075
Test critical values:		
1% level	-3.679322	
5% level	-2.967767	
10% level	-2.622989	

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

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(KURS)

Method: Least Squares

Date: 01/10/17 Time: 10:05

Sample (adjusted): 1987 2015

Included observations: 29 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
KURS(-1)	-0.015948	0.047437	-0.336189	0.7393
C	487.5475	337.0110	1.446681	0.1595
R-squared	0.004169	Mean dependent var		390.6897
Adjusted R-squared	-0.032714	S.D. dependent var		926.5521
S.E. of regression	941.5857	Akaike info criterion		16.59948
Sum squared resid	23937760	Schwarz criterion		16.69378
Log likelihood	-238.6925	Hannan-Quinn criter.		16.62901
F-statistic	0.113023	Durbin-Watson stat		1.806158
Prob(F-statistic)	0.739327			

LAMPIRAN 6

Uji First Different PAD

Null Hypothesis: D(PAD) has a unit root

Exogenous: Constant

Lag Length: 5 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-6.297687	0.0000
Test critical values:		
1% level	-3.752946	
5% level	-2.998064	
10% level	-2.638752	

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

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(PAD,2)

Method: Least Squares

Date: 01/10/17 Time: 10:06

Sample (adjusted): 1993 2015

Included observations: 23 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(PAD(-1))	-9.367465	1.487445	-6.297687	0.0000
D(PAD(-1),2)	7.809061	1.448085	5.392681	0.0001
D(PAD(-2),2)	6.346130	1.367742	4.639859	0.0003
D(PAD(-3),2)	5.810874	1.233842	4.709576	0.0002
D(PAD(-4),2)	4.038418	0.931909	4.333489	0.0005
D(PAD(-5),2)	2.641235	0.658971	4.008122	0.0010
C	8.73E+16	5.52E+16	1.582653	0.1331
R-squared	0.837883	Mean dependent var		-6.63E+16
Adjusted R-squared	0.777089	S.D. dependent var		5.29E+17
S.E. of regression	2.50E+17	Akaike info criterion		83.20402
Sum squared resid	1.00E+36	Schwarz criterion		83.54960
Log likelihood	-949.8462	Hannan-Quinn criter.		83.29093
F-statistic	13.78233	Durbin-Watson stat		1.677659
Prob(F-statistic)	0.000016			

LAMPIRAN 7

Uji First different PE

Null Hypothesis: D(PE) has a unit root
Exogenous: Constant
Lag Length: 1 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-6.704338	0.0000
Test critical values: 1% level	-3.699871	
5% level	-2.976263	
10% level	-2.627420	

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

Augmented Dickey-Fuller Test Equation
Dependent Variable: D(PE,2)
Method: Least Squares
Date: 01/10/17 Time: 10:03
Sample (adjusted): 1989 2015
Included observations: 27 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(PE(-1))	-3.006171	0.448392	-6.704338	0.0000
D(PE(-1),2)	1.004124	0.283273	3.544729	0.0016
C	-870.8469	966.6732	-0.900870	0.3766
R-squared	0.835909	Mean dependent var		-0.572222
Adjusted R-squared	0.822235	S.D. dependent var		11522.14
S.E. of regression	4857.992	Akaike info criterion		19.91908
Sum squared resid	5.66E+08	Schwarz criterion		20.06306
Log likelihood	-265.9075	Hannan-Quinn criter.		19.96189
F-statistic	61.13013	Durbin-Watson stat		2.067516
Prob(F-statistic)	0.000000			

LAMPIRAN 8

Uji First Different Jumlah Penduduk

Null Hypothesis: D(JP) has a unit root

Exogenous: Constant

Lag Length: 7 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-12.18723	0.0000
Test critical values:		
1% level	-3.788030	
5% level	-3.012363	
10% level	-2.646119	

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

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(JP,2)

Method: Least Squares

Date: 01/10/17 Time: 10:06

Sample (adjusted): 1995 2015

Included observations: 21 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(JP(-1))	-2.194373	0.180055	-12.18723	0.0000
D(JP(-1),2)	1.030849	0.158868	6.488712	0.0000
D(JP(-2),2)	0.974078	0.133378	7.303129	0.0000
D(JP(-3),2)	0.901999	0.109395	8.245346	0.0000
D(JP(-4),2)	0.771519	0.086059	8.965045	0.0000
D(JP(-5),2)	0.614976	0.062828	9.788189	0.0000
D(JP(-6),2)	0.427120	0.039693	10.76052	0.0000
D(JP(-7),2)	0.235808	0.018919	12.46416	0.0000
C	1604.410	7850.328	0.204375	0.8415
R-squared	0.972062	Mean dependent var		215.9524
Adjusted R-squared	0.953437	S.D. dependent var		157189.6
S.E. of regression	33919.02	Akaike info criterion		23.99887
Sum squared resid	1.38E+10	Schwarz criterion		24.44652
Log likelihood	-242.9881	Hannan-Quinn criter.		24.09602
F-statistic	52.19098	Durbin-Watson stat		0.641708
Prob(F-statistic)	0.000000			

LAMPIRAN 9

Uji First Different KURS

Null Hypothesis: D(KURS) has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=7)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-4.678942	0.0009
Test critical values:		
1% level	-3.689194	
5% level	-2.971853	
10% level	-2.625121	

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

Augmented Dickey-Fuller Test Equation

Dependent Variable: D(KURS,2)

Method: Least Squares

Date: 01/10/17 Time: 10:07

Sample (adjusted): 1988 2015

Included observations: 28 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(KURS(-1))	-0.914372	0.195423	-4.678942	0.0001
C	360.9046	196.8189	1.833689	0.0782
R-squared	0.457117	Mean dependent var		-0.892857
Adjusted R-squared	0.436237	S.D. dependent var		1275.538
S.E. of regression	957.7265	Akaike info criterion		16.63575
Sum squared resid	23848239	Schwarz criterion		16.73091
Log likelihood	-230.9005	Hannan-Quinn criter.		16.66484
F-statistic	21.89250	Durbin-Watson stat		2.029104
Prob(F-statistic)	0.000078			

LAMPIRAN 10

Uji Lag Optimal

VAR Lag Order Selection Criteria

Endogenous variables: D(LOG(PAD)) D(PE) D(LOG(JP)) D(LOG(KURS))

Exogenous variables: C

Date: 02/01/17 Time: 13:12

Sample: 1986 2015

Included observations: 27

Lag	LogL	LR	FPE	AIC	SC	HQ
0	-376.8653	NA	21017547	28.21224	28.40422*	28.26933*
1	-358.6772	29.63983*	18182041*	28.05016*	29.01004	28.33558
2	-342.9064	21.02774	20207251	28.06714	29.79492	28.58090

* indicates lag order selected by the criterion

LR: sequential modified LR test statistic (each test at 5% level)

FPE: Final prediction error

AIC: Akaike information criterion

SC: Schwarz information criterion

HQ: Hannan-Quinn information criterion

LAMPIRAN 11

Uji Stabilitas VECM

Roots of Characteristic Polynomial
Endogenous variables: PAD PE JP KURS
Exogenous variables: C
Lag specification: 1 1
Date: 01/04/17 Time: 11:56

Root	Modulus
0.977442	0.977442
-0.085092 - 0.246621i	0.260889
-0.085092 + 0.246621i	0.260889
-0.051400	0.051400

No root lies outside the unit circle.
VAR satisfies the stability condition.

Uji Kointegrasi

Date: 02/01/17 Time: 13:13
Sample (adjusted): 1989 2015
Included observations: 27 after adjustments
Trend assumption: Linear deterministic trend
Series: D(LOG(PAD)) D(PE) D(LOG(JP)) D(LOG(KURS))
Lags interval (in first differences): 1 to 1

Unrestricted Cointegration Rank Test (Trace)

Hypothesized No. of CE(s)	Eigenvalue	Trace Statistic	0.05 Critical Value	Prob.**
None *	0.720855	81.24024	47.85613	0.0000
At most 1 *	0.619522	46.78763	29.79707	0.0002
At most 2 *	0.438374	20.69682	15.49471	0.0075
At most 3 *	0.172735	5.120004	3.841466	0.0236

Trace test indicates 4 cointegrating eqn(s) at the 0.05 level

* denotes rejection of the hypothesis at the 0.05 level

**MacKinnon-Haug-Michelis (1999) p-values

Unrestricted Cointegration Rank Test (Maximum Eigenvalue)

Hypothesized No. of CE(s)	Eigenvalue	Max-Eigen Statistic	0.05 Critical Value	Prob.**
None *	0.720855	34.45261	27.58434	0.0056
At most 1 *	0.619522	26.09081	21.13162	0.0092
At most 2 *	0.438374	15.57682	14.26460	0.0308

At most 3 * 0.172735 5.120004 3.841466 0.0236

Max-eigenvalue test indicates 4 cointegrating eqn(s) at the 0.05 level

* denotes rejection of the hypothesis at the 0.05 level

**MacKinnon-Haug-Michelis (1999) p-values

Unrestricted Cointegrating Coefficients (normalized by b*S11*b=I):

D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
-0.122997	-0.000557	0.631019	1.857220
-0.012282	-0.000108	-3.162577	-0.225264
-0.243847	5.69E-05	0.071679	3.545776
0.048311	0.000117	0.133066	8.050774

Unrestricted Adjustment Coefficients (alpha):

D(LOG(PAD),2)	D(PE,2)	D(LOG(JP),2)	D(LOG(KURS),2)	
0.047520	5191.697	0.346673	0.621166	4.358914
		625.0882		-277.5618
				0.063137
				-0.038059
	0.019880	-0.018841		0.011057
				-0.060873

1 Cointegrating Equation(s): Log likelihood -366.3002

Normalized cointegrating coefficients (standard error in parentheses)

D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1.000000	0.004526	-5.130370	-15.09975
	(0.00059)	(3.55886)	(9.52976)

Adjustment coefficients (standard error in parentheses)

D(LOG(PAD),2)	-0.005845
	(0.18059)
D(PE,2)	-638.5619
	(94.0575)
D(LOG(JP),2)	0.012788
	(0.02155)
D(LOG(KURS),2)	-0.002445
	(0.00402)

2 Cointegrating Equation(s): Log likelihood -353.2548

Normalized cointegrating coefficients (standard error in parentheses)

D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1.000000	0.000000	-285.7539	-50.83183
		(48.5011)	(128.446)
0.000000	1.000000	62004.11	7895.046
		(10625.6)	(28139.8)

Adjustment coefficients (standard error in parentheses)

D(LOG(PAD),2)	-0.010103	-6.38E-05
	(0.18125)	(0.00083)
D(PE,2)	-646.2392	-2.957324
	(93.0093)	(0.42662)

D(LOG(JP),2)	0.005159 (0.01372)	-8.96E-06 (6.3E-05)
D(LOG(KURS),2)	-0.002214 (0.00401)	-9.04E-06 (1.8E-05)

3 Cointegrating Equation(s): Log likelihood -345.4664

Normalized cointegrating coefficients (standard error in parentheses)

D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1.000000	0.000000	0.000000	-14.50085 (8.21130)
0.000000	1.000000	0.000000	11.79502 (2643.35)
0.000000	0.000000	1.000000	0.127141 (0.44893)

Adjustment coefficients (standard error in parentheses)

D(LOG(PAD),2)	-1.073012 (0.30509)	0.000184 (0.00064)	-0.753951 (3.59973)
D(PE,2)	-578.5565 (205.043)	-2.973124 (0.42737)	1279.274 (2419.31)
D(LOG(JP),2)	-0.010237 (0.03010)	-5.37E-06 (6.3E-05)	-2.025569 (0.35521)
D(LOG(KURS),2)	-0.004910 (0.00884)	-8.41E-06 (1.8E-05)	0.072922 (0.10436)

LAMPIRAN 12

Uji VECM Jangka Panjang dan Jangka Pendek

Vector Error Correction Estimates

Date: 02/01/17 Time: 13:07

Sample (adjusted): 1989 2015

Included observations: 27 after adjustments

Standard errors in () & t-statistics in []

Cointegrating Eq:	CointEq1			
D(LOG(PAD(-1)))	1.000000			
D(PE(-1))	0.004526 (0.00059) [7.62156]	Jp		
D(LOG(JP(-1)))	-5.130370 (3.55886) [-1.44158]			
D(LOG(KURS(-1)))	-15.09975 (9.52976) [-1.58448]			
C	0.247195			

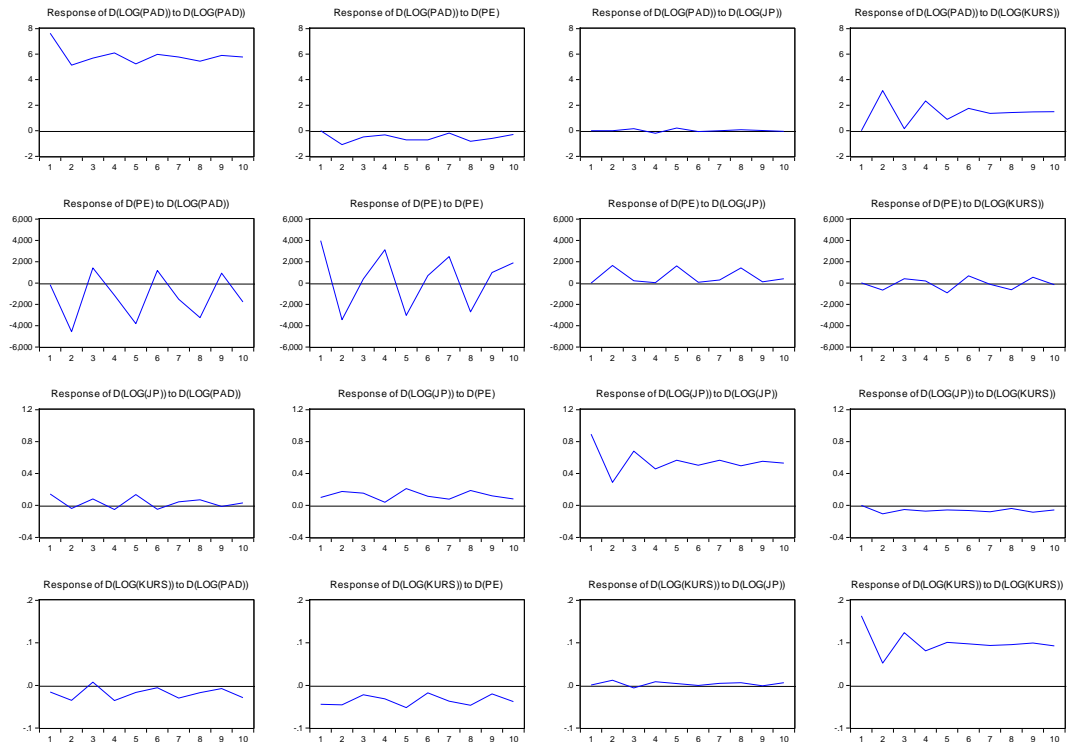
Error Correction:	D(LOG(PAD),2)	D(PE,2)	D(LOG(JP),2)	D(LOG(KURS), 2)
CointEq1	-0.005845 (0.18059) [-0.03236]	-638.5619 (94.0575) [-6.78906]	0.012788 (0.02155) [0.59350]	-0.002445 (0.00402) [-0.60792]
D(LOG(PAD(-1)),2)	-0.282670 (0.24527) [-1.15248]	-25.22074 (127.743) [-0.19743]	-0.024569 (0.02926) [-0.83957]	-0.001941 (0.00546) [-0.35538]
D(PE(-1),2)	-3.17E-05 (0.00049) [-0.06487]	0.929902 (0.25432) [3.65650]	-2.90E-05 (5.8E-05) [-0.49731]	2.78E-06 (1.1E-05) [0.25540]
D(LOG(JP(-1)),2)	-0.042625 (1.44326) [-0.02953]	-1439.003 (751.687) [-1.91436]	-0.611445 (0.17220) [-3.55079]	0.000765 (0.03214) [0.02381]
D(LOG(KURS(-1)),2) J pendek	19.20917 (8.48790) [2.26312]	-13790.99 (4420.71) [-3.11963]	-0.458581 (1.01272) [-0.45282]	-0.715104 (0.18904) [-3.78277]

C	-0.144212 (1.53298) [-0.09407]	-799.8877 (798.415) [-1.00184]	0.028436 (0.18290) [0.15547]	-0.007643 (0.03414) [-0.22386]
R-squared	0.384877	0.903940	0.457546	0.466820
Adj. R-squared	0.238419	0.881069	0.328391	0.339873
Sum sq. resids	1222.358	3.32E+08	17.40097	0.606342
S.E. equation	7.629386	3973.577	0.910284	0.169922
F-statistic	2.627899	39.52268	3.542598	3.677268
Log likelihood	-89.78280	-258.6790	-32.38065	12.93667
Akaike AIC	7.095022	19.60585	2.843011	-0.513827
Schwarz SC	7.382986	19.89381	3.130975	-0.225863
Mean dependent	-0.200387	-0.572222	3.08E-05	-0.005725
S.D. dependent	8.742416	11522.14	1.110756	0.209139
Determinant resid covariance (dof adj.)		19522852		
Determinant resid covariance		7144394.		
Log likelihood		-366.3002		
Akaike information criterion		29.20742		
Schwarz criterion		30.55125		

LAMPIRAN 13

UJI IRF

Response to Cholesky One S.D. Innovations



LAMPIRAN 14

Uji Varian Decomposition (VDC)

Varian
ce
Decom
position
of
D(LOG(
PAD)):

Period	S.E.	D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1	7.629386	100.0000	0.000000	0.000000	0.000000
2	9.780899	88.38480	1.240079	2.08E-06	10.37512
3	11.33178	91.12751	1.102765	0.020221	7.749503
4	13.08445	90.06642	0.885699	0.036396	9.011483
5	14.14007	90.82090	1.011797	0.055449	8.111854
6	15.47219	90.83606	1.060048	0.047796	8.056099
7	16.57298	91.32290	0.935925	0.041658	7.699519
8	17.52620	91.34710	1.059623	0.039363	7.553917
9	18.56029	91.54981	1.046476	0.035279	7.368430
10	19.49549	91.73681	0.969855	0.032518	7.260821

Varian
ce
Decom
position
of
D(PE):

Period	S.E.	D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1	3973.577	0.170425	99.82958	0.000000	0.000000
2	7195.358	40.52513	53.40212	5.186603	0.886145
3	7353.662	42.42237	51.39813	5.039362	1.140142
4	8075.786	37.24629	57.57533	4.180001	0.998379
5	9613.308	42.03588	50.57752	5.756546	1.630050
6	9733.777	42.46310	49.84657	5.620457	2.069874
7	10165.65	41.19741	51.65877	5.228298	1.915525
8	11118.17	42.97634	49.11865	5.971630	1.933380
9	11212.34	42.92978	49.05738	5.880695	2.132143
10	11514.21	43.06524	49.19735	5.693107	2.044296

Varian
ce
Decom
position
of
D(LOG(
JP)):

Period	S.E.	D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1	0.910284	2.492797	1.160807	96.34640	0.000000
2	0.977319	2.313543	4.227225	92.27415	1.185081

3	1.203893	1.980609	4.429660	92.63331	0.956420
4	1.291084	1.879389	3.949444	93.03971	1.131461
5	1.433375	2.410726	5.376316	91.14093	1.072032
6	1.525810	2.230334	5.320104	91.32427	1.125288
7	1.631825	2.022504	4.876544	91.88586	1.215094
8	1.717834	1.991792	5.601833	91.25890	1.147474
9	1.810622	1.798475	5.485055	91.46031	1.256162
10	1.889797	1.680538	5.224548	91.84912	1.245794

Varian
ce
Decom
position
of
D(LOG(
KURS))
:

Period	S.E.	D(LOG(PAD))	D(PE)	D(LOG(JP))	D(LOG(KURS))
1	0.169922	0.853965	6.833445	0.001501	92.31109
2	0.187428	4.238374	11.61333	0.418308	83.72999
3	0.226028	3.024683	8.928472	0.359801	87.68704
4	0.244891	4.689209	9.268089	0.430141	85.61256
5	0.270584	4.225065	11.27476	0.377741	84.12243
6	0.288206	3.757775	10.30873	0.332961	85.60053
7	0.306874	4.251851	10.54612	0.319800	84.88223
8	0.325302	4.057491	11.43812	0.319684	84.18471
9	0.340882	3.741698	10.76687	0.292184	85.19925
10	0.356571	4.065400	10.97349	0.297634	84.66347

Choles
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Orderin
g:
D(LOG(
PAD))
D(PE)
D(LOG(
JP))
D(LOG(
KURS))

LAMPIRAN 15

Uji Kausalitas Granger

Pairwise Granger Causality Tests

Date: 01/10/17 Time: 12:10

Sample: 1986 2015

Lags: 1

Null Hypothesis:	Obs	F-Statistic	Prob.
PE does not Granger Cause PAD	29	49.3603	2.E-07
PAD does not Granger Cause PE		0.03831	0.8464
JP does not Granger Cause PAD	29	0.03990	0.8432
PAD does not Granger Cause JP		0.01328	0.9092
KURS does not Granger Cause PAD	29	2.21702	0.1485
PAD does not Granger Cause KURS		0.51656	0.4787
JP does not Granger Cause PE	29	0.13889	0.7124
PE does not Granger Cause JP		0.01598	0.9004
KURS does not Granger Cause PE	29	0.90345	0.3506
PE does not Granger Cause KURS		7.45429	0.0112
KURS does not Granger Cause JP	29	0.07837	0.7817
JP does not Granger Cause KURS		1.80974	0.1902

