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Lampiran

Data Penelitian

| obs | E | JUB | PDB | IHK |
|--------|----------|----------|----------|----------|
| 1994:1 | 2144.000 | 149.3110 | 85605.00 | 38.58420 |
| 1994:2 | 2160.000 | 152.6110 | 87888.20 | 38.92650 |
| 1994:3 | 2181.000 | 162.7440 | 91142.90 | 40.02350 |
| 1994:4 | 2200.000 | 174.3190 | 90004.90 | 40.77310 |
| 1995:1 | 2219.000 | 181.7010 | 92563.00 | 42.02500 |
| 1995:2 | 2246.000 | 192.1260 | 94340.40 | 43.01460 |
| 1995:3 | 2276.000 | 206.0790 | 98293.70 | 43.62180 |
| 1995:4 | 2308.000 | 222.6380 | 98595.20 | 37.18980 |
| 1996:1 | 2338.000 | 232.4930 | 97712.50 | 24.78820 |
| 1996:2 | 2342.000 | 249.4430 | 100253.8 | 24.83570 |
| 1996:3 | 2340.000 | 259.9260 | 108696.9 | 25.04310 |
| 1996:4 | 2383.000 | 288.6320 | 107105.9 | 25.33300 |
| 1997:1 | 2419.000 | 294.5810 | 105261.0 | 25.96520 |
| 1997:2 | 2450.000 | 312.8390 | 105867.1 | 26.14010 |
| 1997:3 | 3275.000 | 329.0740 | 112212.7 | 26.88220 |
| 1997:4 | 4650.000 | 355.6430 | 109905.0 | 27.94420 |
| 1998:1 | 8325.000 | 449.8240 | 101083.5 | 35.52060 |
| 1998:2 | 14900.00 | 565.7850 | 90495.00 | 40.95300 |
| 1998:3 | 10700.00 | 550.4040 | 94021.20 | 49.03420 |
| 1998:4 | 8025.000 | 577.3810 | 96563.80 | 49.63640 |
| 1999:1 | 8685.000 | 603.3250 | 93973.00 | 51.62800 |
| 1999:2 | 6726.000 | 615.4110 | 93848.00 | 50.94330 |
| 1999:3 | 8386.000 | 652.2890 | 96127.00 | 49.57650 |
| 1999:4 | 7100.000 | 646.2050 | 95104.00 | 50.58850 |
| 2000:1 | 7590.000 | 656.4510 | 98585.00 | 51.06070 |
| 2000:2 | 8735.000 | 684.3350 | 98476.00 | 52.03530 |
| 2000:3 | 8780.000 | 686.4530 | 100669.0 | 52.94240 |
| 2000:4 | 9595.000 | 747.0280 | 99946.00 | 55.31620 |
| 2001:1 | 10400.00 | 766.8120 | 102539.0 | 56.47320 |

Keterangan :

PDB = Produk Domestik Bruto berdasarkan harga konstan 1993 (Milyar Rupiah)

JUB = Jumlah uang beredar (Milyar Rupiah)

IHK = IHK dengan penyamaan tahun dasar 1996

E = Nilai tukar rupiah terhadap dolar Amerika Serikat (Ribuan Rupiah)

Data Selisih

| obs | DE | DIIHK | DJUB | DPDB | ECT |
|--------|-----------|-----------|-----------|-----------|-----------|
| 1994:1 | - | - | - | - | - |
| 1994:2 | 16.00000 | 0.342300 | 3.500000 | 2283.200 | 2271.042 |
| 1994:3 | 21.00000 | 1.097000 | 9.933000 | 3254.700 | 3244.730 |
| 1994:4 | 19.00000 | 0.749600 | 11.57500 | -1138.000 | -1144.675 |
| 1995:1 | 19.00000 | 1.251900 | 7.382000 | 2558.100 | 2547.734 |
| 1995:2 | 27.00000 | 0.989600 | 10.42500 | 1777.400 | 1761.815 |
| 1995:3 | 30.00000 | 0.607200 | 13.95300 | 3953.300 | 3937.860 |
| 1995:4 | 32.00000 | -6.432000 | 16.55900 | 301.5000 | 279.6270 |
| 1996:1 | 30.00000 | -12.40160 | 9.855000 | -882.7000 | -915.2466 |
| 1996:2 | 4.000000 | 0.047500 | 16.95000 | 2541.300 | 2554.298 |
| 1996:3 | -2.000000 | 0.207400 | 10.48300 | 8443.100 | 8455.790 |
| 1996:4 | 43.00000 | 0.289900 | 28.70600 | -1591.000 | -1605.004 |
| 1997:1 | 36.00000 | 0.632200 | 5.949000 | -1844.900 | -1874.319 |
| 1997:2 | 31.00000 | 0.174900 | 18.25800 | 606.1000 | 593.5329 |
| 1997:3 | 825.0000 | 0.742100 | 16.23500 | 6345.600 | 5537.577 |
| 1997:4 | 1375.000 | 1.062000 | 26.56900 | -2307.700 | -3655.069 |
| 1998:1 | 3675.000 | 7.576400 | 94.18100 | -8821.500 | -12394.74 |
| 1998:2 | 6575.000 | 5.432400 | 115.9610 | -10598.50 | -17042.11 |
| 1998:3 | -4200.000 | 8.081200 | -15.38100 | 3526.200 | 7718.900 |
| 1998:4 | -2675.000 | 0.602200 | 26.97700 | 2542.600 | 5245.179 |
| 1999:1 | 660.0000 | 1.991600 | 25.94400 | -2590.800 | -3222.864 |
| 1999:2 | -1959.000 | -0.684700 | 12.08600 | -125.0000 | 1845.401 |
| 1999:3 | 1660.000 | -1.366800 | 36.87800 | 2279.000 | 654.5112 |
| 1999:4 | -1286.000 | 1.012000 | -6.084000 | -1023.000 | 257.9280 |
| 2000:1 | 490.0000 | 0.472200 | 10.24600 | 3481.000 | 3001.718 |
| 2000:2 | 1145.000 | 0.974600 | 27.88400 | -109.0000 | -1225.141 |
| 2000:3 | 45.00000 | 0.907100 | 2.118000 | 2193.000 | 2151.025 |
| 2000:4 | 815.0000 | 2.373800 | 60.57500 | -723.0000 | -1475.051 |
| 2001:1 | 805.0000 | 1.157000 | 19.78400 | 2593.000 | 1808.941 |

Keterangan :

DE = $E - E(-1)$

DIIHK = $IIHK - IIHK(-1)$

DJUB = $JUB - JUB(-1)$

DPDB = $PDB - PDB(-1)$

ECT = $(DPDB + DJUB + DIIHK) - DE$

Data yang dipositipkan

| obs | DIIHK1 | DJUB1 | DPDB1 | ECT1 | DE1 |
|--------|----------|----------|----------|----------|----------|
| 1994:1 | - | - | - | - | - |
| 1994:2 | 13.34234 | 19.50000 | 12883.20 | 19371.04 | 4316.000 |
| 1994:3 | 14.09698 | 25.93300 | 13854.90 | 20344.93 | 4321.000 |
| 1994:4 | 13.74964 | 27.57500 | 9461.700 | 15955.02 | 4319.000 |
| 1995:1 | 14.25191 | 23.38200 | 13158.30 | 19647.93 | 4319.000 |
| 1995:2 | 13.98953 | 26.42500 | 12377.40 | 18861.81 | 4327.000 |
| 1995:3 | 13.60721 | 29.95300 | 14553.30 | 21037.86 | 4330.000 |
| 1995:4 | 6.568055 | 32.55900 | 10901.50 | 17379.63 | 4332.000 |
| 1996:1 | 0.598391 | 25.85500 | 9717.300 | 16184.75 | 4330.000 |
| 1996:2 | 13.04748 | 32.95000 | 13141.30 | 19654.30 | 4304.000 |
| 1996:3 | 13.20740 | 26.48300 | 19043.10 | 25555.79 | 4298.000 |
| 1996:4 | 13.28986 | 44.70600 | 9009.000 | 15495.00 | 4343.000 |
| 1997:1 | 13.63220 | 21.94900 | 8755.100 | 15225.68 | 4336.000 |
| 1997:2 | 13.17492 | 34.25800 | 11206.10 | 17693.53 | 4331.000 |
| 1997:3 | 13.74215 | 32.23500 | 16945.60 | 22637.58 | 5125.000 |
| 1997:4 | 14.06200 | 42.56900 | 8292.300 | 13444.93 | 5675.000 |
| 1998:1 | 20.57640 | 110.1810 | 1778.500 | 4705.257 | 7975.000 |
| 1998:2 | 18.43242 | 131.9610 | 11.50000 | 57.89342 | 10875.00 |
| 1998:3 | 21.08116 | 0.619000 | 14126.20 | 24818.90 | 100.0000 |
| 1998:4 | 13.60221 | 42.97700 | 13142.60 | 22345.18 | 1625.000 |
| 1999:1 | 14.99155 | 41.94400 | 8009.200 | 13877.14 | 4960.000 |
| 1999:2 | 12.31533 | 28.08600 | 10475.00 | 18945.40 | 2341.000 |
| 1999:3 | 11.63315 | 52.87800 | 12879.00 | 17754.51 | 5960.000 |
| 1999:4 | 14.01202 | 9.916000 | 9577.000 | 17357.93 | 3014.000 |
| 2000:1 | 13.47228 | 26.24600 | 14081.00 | 20101.72 | 4790.000 |
| 2000:2 | 13.97454 | 43.88400 | 10491.00 | 15874.86 | 5445.000 |
| 2000:3 | 13.90707 | 18.11800 | 12793.00 | 19251.03 | 4345.000 |
| 2000:4 | 15.37387 | 76.57500 | 9877.000 | 15624.95 | 5115.000 |
| 2001:1 | 14.15695 | 35.78400 | 13193.00 | 18908.94 | 5105.000 |

Keterangan :

DIIHK1 = DIIHK + 13

DJUB1 = DJUB + 16

DPDB1 = DPDB + 10.600

DE1 = DE + 4300

ECT1 = ECT + 17.100

Data yang siap di estimasi

| obs | LDE1 | LDJUB1 | LDPDB1 | LDIHK1 | LIHK(-1) | LJUB(-1) | LPDB(-1) | LECT1(-1) |
|--------|----------|-----------|----------|-----------|----------|----------|----------|-----------|
| 1994:1 | - | - | - | - | - | - | - | - |
| 1994:2 | - | - | - | - | - | - | - | - |
| 1994:3 | 8.371242 | 3.255516 | 9.536380 | 2.645962 | 3.661675 | 5.029202 | 11.38382 | 9.871535 |
| 1994:4 | 8.370779 | 3.316910 | 9.155039 | 2.621010 | 3.689467 | 5.092178 | 11.42018 | 9.920577 |
| 1995:1 | 8.370779 | 3.151966 | 9.484793 | 2.656890 | 3.708023 | 5.160887 | 11.40762 | 9.677548 |
| 1995:2 | 8.372630 | 3.274311 | 9.423628 | 2.638314 | 3.738265 | 5.202362 | 11.43564 | 9.885717 |
| 1995:3 | 8.373323 | 3.399629 | 9.585573 | 2.610599 | 3.761540 | 5.258151 | 11.45466 | 9.844895 |
| 1995:4 | 8.373785 | 3.483054 | 9.296656 | 1.882209 | 3.775557 | 5.328260 | 11.49572 | 9.954079 |
| 1996:1 | 8.373323 | 3.252504 | 9.181663 | -0.513496 | 3.616035 | 5.405547 | 11.49878 | 9.763054 |
| 1996:2 | 8.367300 | 3.494991 | 9.483515 | 2.568597 | 3.210368 | 5.448860 | 11.48978 | 9.691825 |
| 1996:3 | 8.365905 | 3.276503 | 9.854460 | 2.580777 | 3.212282 | 5.519230 | 11.51546 | 9.886051 |
| 1996:4 | 8.376321 | 3.800108 | 9.105979 | 2.587004 | 3.220598 | 5.560397 | 11.59632 | 10.14862 |
| 1997:1 | 8.374708 | 3.088722 | 9.077392 | 2.612435 | 3.232108 | 5.665153 | 11.58157 | 9.648272 |
| 1997:2 | 8.373554 | 3.533920 | 9.324214 | 2.578314 | 3.256757 | 5.685554 | 11.56420 | 9.630739 |
| 1997:3 | 8.541886 | 3.473053 | 9.737763 | 2.620464 | 3.263471 | 5.745689 | 11.56994 | 9.780954 |
| 1997:4 | 8.643826 | 3.751126 | 9.023083 | 2.643476 | 3.291464 | 5.796283 | 11.62815 | 10.02737 |
| 1998:1 | 8.984067 | 4.702124 | 7.483526 | 3.024145 | 3.330210 | 5.873927 | 11.60737 | 9.506357 |
| 1998:2 | 9.294222 | 4.882506 | 2.442347 | 2.914110 | 3.570113 | 6.108856 | 11.52370 | 8.456436 |
| 1998:3 | 4.605170 | -0.479650 | 9.555787 | 3.048382 | 3.712425 | 6.338214 | 11.41305 | 4.058603 |
| 1998:4 | 7.393263 | 3.760665 | 9.483614 | 2.610232 | 3.892518 | 6.310653 | 11.45128 | 10.11936 |
| 1999:1 | 8.509161 | 3.736335 | 8.988346 | 2.707490 | 3.904724 | 6.358502 | 11.47796 | 10.01437 |
| 1999:2 | 7.758333 | 3.335271 | 9.256747 | 2.510842 | 3.944064 | 6.402456 | 11.45076 | 9.537998 |
| 1999:3 | 8.692826 | 3.967987 | 9.463353 | 2.453863 | 3.930713 | 6.422290 | 11.44943 | 9.849317 |
| 1999:4 | 8.011023 | 2.294150 | 9.167120 | 2.639914 | 3.903517 | 6.480488 | 11.47343 | 9.784395 |
| 2000:1 | 8.474286 | 3.267514 | 9.552582 | 2.600628 | 3.923724 | 6.471117 | 11.46273 | 9.761805 |
| 2000:2 | 8.602453 | 3.781550 | 9.258273 | 2.637241 | 3.933015 | 6.486848 | 11.49867 | 9.908561 |
| 2000:3 | 8.376781 | 2.896906 | 9.456653 | 2.632400 | 3.951922 | 6.528448 | 11.49757 | 9.672492 |
| 2000:4 | 8.539933 | 4.338271 | 9.197964 | 2.732665 | 3.969205 | 6.531538 | 11.51959 | 9.865320 |
| 2001:1 | 8.537976 | 3.577501 | 9.487442 | 2.650209 | 4.013066 | 6.616103 | 11.51239 | 9.656624 |

Keterangan :

L = Logaritma Natural

(-1) = Backward lag Operation

**Asumsi Penggunaan ECM
(Regresi Lancung)**

Dependent Variable: LE
 Method: Least Squares
 Date: 04/02/02 Time: 21:20
 Sample: 1994:1 2001:1
 Included observations: 29

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | 32.34745 | 10.89051 | 2.970241 | 0.0065 |
| LJUB | 1.226006 | 0.113833 | 10.77023 | 0.0000 |
| LIHK | -0.082202 | 0.252037 | -0.326150 | 0.7470 |
| LPDB | -2.686464 | 0.924937 | -2.904484 | 0.0076 |
| R-squared | 0.920263 | Mean dependent var | 8.379646 | |
| Adjusted R-squared | 0.910695 | S.D. dependent var | 0.682786 | |
| S.E. of regression | 0.204044 | Akaike info criterion | -0.213523 | |
| Sum squared resid | 1.040846 | Schwarz criterion | -0.024930 | |
| Log likelihood | 7.096082 | F-statistic | 96.17693 | |
| Durbin-Watson stat | 0.581057 | Prob(F-statistic) | 0.000000 | |

Hasil Estimasi Model ECM

Dependent Variable: LDE1

Method: Least Squares

Date: 04/08/02 Time: 17:54

Sample(adjusted): 1994:3 2001:1

Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | -13.53394 | 23.75302 | -0.569777 | 0.5755 |
| LDJUB1 | 0.216706 | 0.173595 | 1.248345 | 0.2271 |
| LDPDB1 | -0.173872 | 0.075077 | -2.315907 | 0.0319 |
| LDIIHK1 | 0.016281 | 0.107371 | 0.151637 | 0.8811 |
| LIHK(-1) | 0.187720 | 0.501721 | 0.374151 | 0.7124 |
| LJUB(-1) | -0.159395 | 0.221613 | -0.719246 | 0.4807 |
| LPDB(-1) | 1.616853 | 2.028917 | 0.796905 | 0.4354 |
| LECT1(-1) | 0.446985 | 0.131518 | 3.398662 | 0.0030 |
| R-squared | 0.887270 | Mean dependent var | 8.275143 | |
| Adjusted R-squared | 0.845738 | S.D. dependent var | 0.807884 | |
| S.E. of regression | 0.317306 | Akaike info criterion | 0.783292 | |
| Sum squared resid | 1.912974 | Schwarz criterion | 1.167243 | |
| Log likelihood | -2.574438 | F-statistic | 21.36356 | |
| Durbin-Watson stat | 1.997944 | Prob(F-statistic) | 0.000000 | |

Uji Multikolinieritas dengan metode VIF

Dependent Variable: LDIIHK1
 Method: Least Squares
 Date: 04/02/02 Time: 21:52
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | 57.61004 | 47.76048 | 1.206228 | 0.2418 |
| LDJUB1 | 0.255291 | 0.356988 | 0.715124 | 0.4828 |
| LDPDB1 | 0.032696 | 0.156183 | 0.209347 | 0.8363 |
| LDIIHK(-1) | -1.276293 | 1.005140 | -1.269767 | 0.2187 |
| LPDB(-1) | -4.707321 | 4.092149 | -1.150330 | 0.2636 |
| LJUB(-1) | 0.676085 | 0.436064 | 1.550427 | 0.1367 |
| LECT1(-1) | -0.152775 | 0.271756 | -0.562175 | 0.5802 |
| R-squared | 0.173665 | Mean dependent var | 2.514617 | |
| Adjusted R-squared | -0.074236 | S.D. dependent var | 0.637570 | |
| S.E. of regression | 0.660812 | Akaike info criterion | 2.227718 | |
| Sum squared resid | 8.733440 | Schwarz criterion | 2.563676 | |
| Log likelihood | -23.07419 | F-statistic | 0.700541 | |
| Durbin-Watson stat | 1.619424 | Prob(F-statistic) | 0.652474 | |

Dependent Variable: LDJUB1
 Method: Least Squares
 Date: 04/02/02 Time: 21:50
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | -30.21852 | 29.84064 | -1.012663 | 0.3233 |
| LDPDB1 | -0.333481 | 0.061577 | -5.415707 | 0.0000 |
| LDIIHK1 | 0.097663 | 0.136569 | 0.715124 | 0.4828 |
| LDIIHK(-1) | 0.258707 | 0.643670 | 0.401924 | 0.6920 |
| LPDB(-1) | 2.554164 | 2.550266 | 1.001528 | 0.3285 |
| LJUB(-1) | -0.019138 | 0.285428 | -0.067050 | 0.9472 |
| LECT1(-1) | 0.647634 | 0.087906 | 7.367348 | 0.0000 |
| R-squared | 0.852338 | Mean dependent var | 3.393090 | |
| Adjusted R-squared | 0.808040 | S.D. dependent var | 0.932868 | |
| S.E. of regression | 0.408720 | Akaike info criterion | 1.266842 | |
| Sum squared resid | 3.341044 | Schwarz criterion | 1.602800 | |
| Log likelihood | -10.10237 | F-statistic | 19.24076 | |
| Durbin-Watson stat | 2.649956 | Prob(F-statistic) | 0.000000 | |

Dependent Variable: LDPDB1
 Method: Least Squares
 Date: 04/02/02 Time: 21:51
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|----------|
| C | -4.932507 | 70.73626 | -0.069731 | 0.9451 |
| LDJUB1 | -1.782907 | 0.329210 | -5.415707 | 0.0000 |
| LDIIHK1 | 0.066873 | 0.319438 | 0.209347 | 0.8363 |
| LIHK(-1) | -0.030992 | 1.494288 | -0.020741 | 0.9837 |
| LPDB(-1) | 0.599907 | 6.041340 | 0.099300 | 0.9219 |
| LJUB(-1) | 0.138165 | 0.659321 | 0.209556 | 0.8361 |
| LECT1(-1) | 1.283145 | 0.266667 | 4.811784 | 0.0001 |
| R-squared | 0.641250 | Mean dependent var | | 9.039403 |
| Adjusted R-squared | 0.533625 | S.D. dependent var | | 1.383844 |
| S.E. of regression | 0.945050 | Akaike info criterion | | 2.943256 |
| Sum squared resid | 17.86239 | Schwarz criterion | | 3.279214 |
| Log likelihood | -32.73396 | F-statistic | | 5.958186 |
| Durbin-Watson stat | 2.665824 | Prob(F-statistic) | | 0.001060 |

Dependent Variable: LECT1(-1)
 Method: Least Squares
 Date: 04/02/02 Time: 21:56
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|----------|
| C | -14.28892 | 40.25826 | -0.354931 | 0.7264 |
| LDJUB1 | 1.128324 | 0.153152 | 7.367348 | 0.0000 |
| LDPDB1 | 0.418141 | 0.086899 | 4.811784 | 0.0001 |
| LDIIHK1 | -0.101825 | 0.181126 | -0.562175 | 0.5802 |
| LIHK(-1) | 0.684930 | 0.839165 | 0.816204 | 0.4240 |
| LPDB(-1) | 1.429688 | 3.434716 | 0.416246 | 0.6817 |
| LJUB(-1) | -0.416035 | 0.365123 | -1.139437 | 0.2680 |
| R-squared | 0.827739 | Mean dependent var | | 9.552699 |
| Adjusted R-squared | 0.776060 | S.D. dependent var | | 1.140021 |
| S.E. of regression | 0.539484 | Akaike info criterion | | 1.822006 |
| Sum squared resid | 5.820853 | Schwarz criterion | | 2.157963 |
| Log likelihood | -17.59707 | F-statistic | | 16.01712 |
| Durbin-Watson stat | 2.294118 | Prob(F-statistic) | | 0.000001 |

Dependent Variable: LIIHK(-1)
 Method: Least Squares
 Date: 04/02/02 Time: 21:53
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | 40.34039 | 5.540818 | 7.280584 | 0.0000 |
| LDJUB1 | 0.030971 | 0.077057 | 0.401924 | 0.6920 |
| LDPDB1 | -0.000694 | 0.033460 | -0.020741 | 0.9837 |
| LDIIHK1 | -0.058452 | 0.046033 | -1.269767 | 0.2187 |
| LPDB(-1) | -3.414363 | 0.484527 | -7.046799 | 0.0000 |
| LJUB(-1) | 0.367298 | 0.054862 | 6.694944 | 0.0000 |
| LECT1(-1) | 0.047064 | 0.057662 | 0.816204 | 0.4240 |
| R-squared | 0.815187 | Mean dependent var | 3.652475 | |
| Adjusted R-squared | 0.759743 | S.D. dependent var | 0.288511 | |
| S.E. of regression | 0.141417 | Akaike info criterion | -0.855798 | |
| Sum squared resid | 0.399974 | Schwarz criterion | -0.519840 | |
| Log likelihood | 18.55327 | F-statistic | 14.70291 | |
| Durbin-Watson stat | 0.941826 | Prob(F-statistic) | 0.000002 | |

Dependent Variable: LJUB(-1)
 Method: Least Squares
 Date: 04/02/02 Time: 21:55
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | -76.93877 | 16.68591 | -4.611003 | 0.0002 |
| LDJUB1 | -0.011743 | 0.175136 | -0.067050 | 0.9472 |
| LDPDB1 | 0.015857 | 0.075669 | 0.209556 | 0.8361 |
| LDIIHK1 | 0.158701 | 0.102359 | 1.550427 | 0.1367 |
| LIIHK(-1) | 1.882567 | 0.281192 | 6.694944 | 0.0000 |
| LPDB(-1) | 6.684532 | 1.398828 | 4.778666 | 0.0001 |
| LECT1(-1) | -0.146523 | 0.128592 | -1.139437 | 0.2680 |
| R-squared | 0.725674 | Mean dependent var | 5.882489 | |
| Adjusted R-squared | 0.643377 | S.D. dependent var | 0.536119 | |
| S.E. of regression | 0.320160 | Akaike info criterion | 0.778419 | |
| Sum squared resid | 2.050043 | Schwarz criterion | 1.114377 | |
| Log likelihood | -3.508660 | F-statistic | 8.817677 | |
| Durbin-Watson stat | 0.722824 | Prob(F-statistic) | 0.000090 | |

Dependent Variable: LPDB(-1)
 Method: Least Squares
 Date: 04/02/02 Time: 21:54
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | 11.69390 | 0.124926 | 93.60695 | 0.0000 |
| LDJUB1 | 0.018698 | 0.018669 | 1.001528 | 0.3285 |
| LDPDB1 | 0.000821 | 0.008272 | 0.099300 | 0.9219 |
| LDIIHK1 | -0.013183 | 0.011460 | -1.150330 | 0.2636 |
| LIHK(-1) | -0.208789 | 0.029629 | -7.046799 | 0.0000 |
| LJUB(-1) | 0.079751 | 0.016689 | 4.778666 | 0.0001 |
| LECT1(-1) | 0.006007 | 0.014432 | 0.416246 | 0.6817 |
| R-squared | 0.769102 | Mean dependent var | 11.49555 | |
| Adjusted R-squared | 0.699833 | S.D. dependent var | 0.063829 | |
| S.E. of regression | 0.034970 | Akaike info criterion | -3.650221 | |
| Sum squared resid | 0.024458 | Schwarz criterion | -3.314263 | |
| Log likelihood | 56.27798 | F-statistic | 11.10306 | |
| Durbin-Watson stat | 1.236941 | Prob(F-statistic) | 0.000018 | |

Hasil Perhitungan Nilai VIF

| Variabel Dependen | Koefisien Determinasi | Nilai VIF = $(1/(1 - R^2))$ | Nilai Perbandingan | Multikolinieritas |
|----------------------|--------------------------|--------------------------------|--------------------|-------------------|
| LDPDB | 0.64125 | 2.7875 | 10 | Tidak Terjadi |
| LDJUB | 0.852338 | 6.7722 | 10 | Tidak Terjadi |
| LDIIHK | 0.173665 | 1.2102 | 10 | Tidak Terjadi |
| LIPDB _{t-1} | 0.769102 | 4.3309 | 10 | Tidak Terjadi |
| LJUB _{t-1} | 0.725674 | 3.6453 | 10 | Tidak Terjadi |
| LIHK _{t-1} | 0.815187 | 5.4109 | 10 | Tidak Terjadi |
| LECT _{t-1} | 0.827739 | 5.8051 | 10 | Tidak Terjadi |

Uji Autokorelasi

Breusch-Godfrey Serial Correlation LM Test:

| | | | |
|---------------|----------|-------------|----------|
| F-statistic | 1.014699 | Probability | 0.383445 |
| Obs*R-squared | 2.879426 | Probability | 0.236996 |

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 04/02/02 Time: 23:01

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|--------|
| C | 10.54435 | 25.41260 | 0.414926 | 0.6834 |
| LDJUB1 | -0.033018 | 0.177994 | -0.185502 | 0.8550 |
| LDPDB1 | -0.020120 | 0.076719 | -0.262254 | 0.7963 |
| LDIIHK1 | -0.017888 | 0.109998 | -0.162621 | 0.8727 |
| LIHK(-1) | -0.213688 | 0.531036 | -0.402398 | 0.6924 |
| LPDB(-1) | -0.902969 | 2.172003 | -0.415731 | 0.6828 |
| LJUB(-1) | 0.096561 | 0.235913 | 0.409308 | 0.6874 |
| LECT1(-1) | 0.040833 | 0.134969 | 0.302533 | 0.7659 |
| RESID(-1) | -0.003185 | 0.244656 | -0.013020 | 0.9898 |
| RESID(-2) | 0.357845 | 0.251833 | 1.420960 | 0.1734 |
| R-squared | 0.106645 | Mean dependent var | 3.66E-16 | |
| Adjusted R-squared | -0.366307 | S.D. dependent var | 0.271249 | |
| S.E. of regression | 0.317061 | Akaike info criterion | 0.818672 | |
| Sum squared resid | 1.708971 | Schwarz criterion | 1.298612 | |
| Log likelihood | -1.052073 | F-statistic | 0.225489 | |
| Durbin-Watson stat | 1.792735 | Prob(F-statistic) | 0.986002 | |

Uji Asumsi Homoskedastis

Dependent Variable: SISA^2
 Method: Least Squares
 Date: 04/02/02 Time: 23:07
 Sample(adjusted): 1994:3 2001:1
 Included observations: 27 after adjusting endpoints

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------|-----------------------|-------------|-----------|
| C | 0.014925 | 0.279120 | 0.053472 | 0.9578 |
| LDE1F^2 | 0.000810 | 0.004000 | 0.202550 | 0.8411 |
| R-squared | 0.001638 | Mean dependent var | | 0.070851 |
| Adjusted R-squared | -0.038296 | S.D. dependent var | | 0.208499 |
| S.E. of regression | 0.212454 | Akaike info criterion | | -0.188999 |
| Sum squared resid | 1.128414 | Schwarz criterion | | -0.093011 |
| Log likelihood | 4.551484 | F-statistic | | 0.041027 |
| Durbin-Watson stat | 2.110420 | Prob(F-statistic) | | 0.841126 |

$$\chi^2_{hitung} = 0.001638 \times 27 = 0.044226$$

$$\chi^2_{(1, 0.05)} = 3,84146$$