

## LAMPIRAN I

Data Volume Ekspor Kayu Lapis, Produksi Kayu Lapis Indonesia, GDP Jepang, Kurs yen terhadap rupiah, dan Harga Kayu Lapis Indonesia pada Tahun 1997-2013

| TAHUN | Volume Ekspor | Produksi  | GDP Jepang | Kurs Yen terhadap Rupiah | Harga Domestik |
|-------|---------------|-----------|------------|--------------------------|----------------|
| 1997  | 1,882.40      | 6,709,836 | 4324.28    | 34,304                   | 334            |
| 1998  | 1,224.50      | 7,154,729 | 3914.57    | 30,969                   | 205            |
| 1999  | 1,546.30      | 4,611,878 | 4432.6     | 35,004                   | 275            |
| 2000  | 1,546.50      | 4,442,735 | 4,730,987  | 37,299                   | 299            |
| 2001  | 1,561.50      | 2,101,485 | 4159.86    | 32,716                   | 105            |
| 2002  | 1,485.90      | 1,694,405 | 3,980.897  | 31,235                   | 109            |
| 2003  | 1,161.10      | 6,110,556 | 4302.94    | 33,690                   | 112            |
| 2004  | 1,057.50      | 4,514,392 | 4655.8     | 36,441                   | 121            |
| 2005  | 887.60        | 4,533,749 | 4571.87    | 35,781                   | 136            |
| 2006  | 831.00        | 3,811,794 | 4,356,347  | 34,076                   | 166            |
| 2007  | 674.10        | 3,454,350 | 4,356,347  | 34,033                   | 191            |
| 2008  | 563.01        | 3,353,479 | 4,849,185  | 37,865                   | 203            |
| 2009  | 529.80        | 3,004,950 | 5,035,141  | 39,322                   | 149            |
| 2010  | 610.30        | 3,324,488 | 5,498,719  | 42,935                   | 149            |
| 2011  | 664.20        | 3,302,843 | 5,908,988  | 46,230                   | 152            |
| 2012  | 625.20        | 5,178.252 | 5,957,249  | 46,701                   | 159            |
| 2013  | 670.60        | 3,261,970 | 3,561,431  | 38,549                   | 164            |

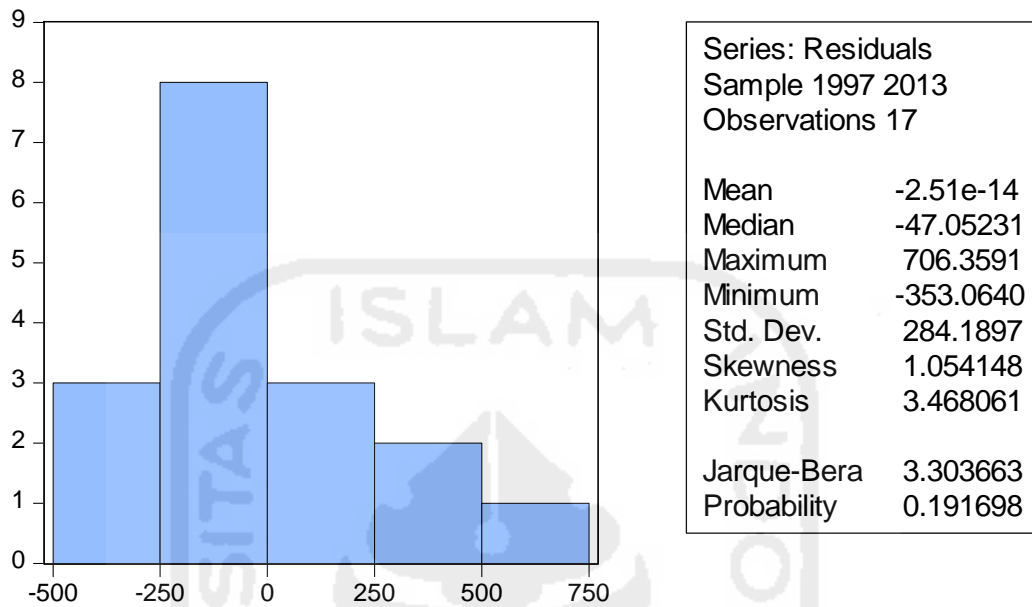
## LAMPIRAN II

### Hasil Regresi

Dependent Variable: Y  
Method: Least Squares  
Date: 01/10/17 Time: 15:56  
Sample: 1997 2013  
Included observations: 17

| Variable           | Coefficient | Std. Error            | t-Statistic | Prob.    |
|--------------------|-------------|-----------------------|-------------|----------|
| C                  | 1031.988    | 366.6045              | 2.814991    | 0.0156   |
| X1                 | -4.58E-06   | 1.16E-05              | -0.395139   | 0.6997   |
| X2                 | -8.88E-05   | 4.03E-05              | -2.204709   | 0.0477   |
| X3                 | -0.006278   | 0.010857              | -0.578248   | 0.5738   |
| X4                 | 2.796090    | 1.261071              | 2.217235    | 0.0467   |
| R-squared          | 0.578235    | Mean dependent var    |             | 1030.677 |
| Adjusted R-squared | 0.437647    | S.D. dependent var    |             | 437.5956 |
| S.E. of regression | 328.1540    | Akaike info criterion |             | 14.66477 |
| Sum squared resid  | 1292220.    | Schwarz criterion     |             | 14.90983 |
| Log likelihood     | -119.6506   | Hannan-Quinn criter.  |             | 14.68913 |
| F-statistic        | 4.112964    | Durbin-Watson stat    |             | 1.052880 |
| Prob(F-statistic)  | 0.025158    |                       |             |          |

### Uji Normalitas



### Hasil Uji Multikolinieritas Dengan Uji Korelasi

|    | X1        | X2        | X3       | X4        |
|----|-----------|-----------|----------|-----------|
| X1 | 1.000000  | 0.174054  | 0.148152 | -0.014508 |
| X2 | 0.174054  | 1.000000  | 0.555981 | -0.076465 |
| X3 | 0.148152  | 0.555981  | 1.000000 | 0.159299  |
| X4 | -0.014508 | -0.076465 | 0.159299 | 1.000000  |

## Hasil Uji Autokorelasi Menggunakan LM Test

Breusch-Godfrey Serial Correlation LM Test:

|               |          |                     |        |
|---------------|----------|---------------------|--------|
| F-statistic   | 2.500059 | Prob. F(3,9)        | 0.1255 |
| Obs*R-squared | 7.727372 | Prob. Chi-Square(3) | 0.0520 |

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 01/11/17 Time: 14:00

Sample: 1997 2013

Included observations: 17

Presample missing value lagged residuals set to zero.

| Variable  | Coefficient | Std. Error | t-Statistic | Prob.  |
|-----------|-------------|------------|-------------|--------|
| C         | -847.0851   | 506.6673   | -1.671876   | 0.1289 |
| X1        | 4.76E-06    | 1.04E-05   | 0.459089    | 0.6571 |
| X2        | 4.78E-06    | 4.21E-05   | 0.113452    | 0.9122 |
| X3        | 0.017423    | 0.011732   | 1.485103    | 0.1717 |
| X4        | 1.002625    | 1.189723   | 0.842738    | 0.4212 |
| RESID(-1) | 0.894149    | 0.380516   | 2.349836    | 0.0433 |
| RESID(-2) | 0.237793    | 0.337900   | 0.703737    | 0.4994 |
| RESID(-3) | -0.115112   | 0.348508   | -0.330300   | 0.7487 |

|                    |           |                       |           |
|--------------------|-----------|-----------------------|-----------|
| R-squared          | 0.454551  | Mean dependent var    | -2.51E-14 |
| Adjusted R-squared | 0.030313  | S.D. dependent var    | 284.1897  |
| S.E. of regression | 279.8492  | Akaike info criterion | 14.41157  |
| Sum squared resid  | 704840.0  | Schwarz criterion     | 14.80367  |
| Log likelihood     | -114.4983 | Hannan-Quinn criter.  | 14.45054  |
| F-statistic        | 1.071454  | Durbin-Watson stat    | 1.424125  |
| Prob(F-statistic)  | 0.450604  |                       |           |

## Hasil Uji Heterokedastisitas

### Dengan Metode White

Heteroskedasticity Test: White

|                     |          |                      |        |
|---------------------|----------|----------------------|--------|
| F-statistic         | 30.86938 | Prob. F(14,2)        | 0.0318 |
| Obs*R-squared       | 16.92169 | Prob. Chi-Square(14) | 0.2604 |
| Scaled explained SS | 10.40481 | Prob. Chi-Square(14) | 0.7320 |

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 01/10/17 Time: 15:53

Sample: 1997 2013

Included observations: 17

| Variable | Coefficient | Std. Error | t-Statistic | Prob.  |
|----------|-------------|------------|-------------|--------|
| C        | 5200440.    | 546209.0   | 9.520972    | 0.0109 |
| X1^2     | 2.47E-09    | 6.25E-10   | 3.959364    | 0.0583 |
| X1*X2    | -4.54E-08   | 6.00E-09   | -7.564757   | 0.0170 |
| X1*X3    | 1.83E-05    | 2.76E-06   | 6.632634    | 0.0220 |
| X1*X4    | 0.000251    | 0.000410   | 0.610559    | 0.6036 |
| X1       | -0.663898   | 0.108722   | -6.106397   | 0.0258 |
| X2^2     | -9.75E-09   | 8.35E-09   | -1.167835   | 0.3633 |
| X2*X3    | 8.21E-06    | 4.38E-06   | 1.872640    | 0.2020 |
| X2*X4    | 0.000341    | 0.000139   | 2.447863    | 0.1341 |
| X2       | -0.138873   | 0.104018   | -1.335078   | 0.3135 |
| X3^2     | -0.000339   | 0.000570   | -0.594227   | 0.6126 |
| X3*X4    | 0.366589    | 0.180608   | 2.029750    | 0.1795 |
| X3       | -136.8854   | 29.31630   | -4.669259   | 0.0429 |
| X4^2     | -5.724527   | 8.549836   | -0.669548   | 0.5721 |
| X4       | -12198.27   | 5926.285   | -2.058334   | 0.1758 |

|                    |           |                       |          |
|--------------------|-----------|-----------------------|----------|
| R-squared          | 0.995394  | Mean dependent var    | 76012.97 |
| Adjusted R-squared | 0.963148  | S.D. dependent var    | 123092.1 |
| S.E. of regression | 23629.77  | Akaike info criterion | 22.60304 |
| Sum squared resid  | 1.12E+09  | Schwarz criterion     | 23.33823 |
| Log likelihood     | -177.1259 | Hannan-Quinn criter.  | 22.67612 |
| F-statistic        | 30.86938  | Durbin-Watson stat    | 2.530321 |
| Prob(F-statistic)  | 0.031803  |                       |          |

