## Lampiran 3

Jasa Budaya

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:45
Sample (adjusted): 1 88
Included observations: 88 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.263059 | 0.608630 | 3.718281 | 0.0004 |
| X1 | -1.99E-05 | 7.71E-06 | -2.576668 | 0.0118 |
| X2 | 0.003515 | 0.004168 | 0.843268 | 0.4016 |
| X3 | -0.000581 | 0.022565 | -0.025739 | 0.9795 |
| X4 | -0.213437 | 0.293167 | -0.728039 | 0.4687 |
| X5 | 8.02E-07 | 1.18E-07 | 6.774910 | 0.0000 |
| X61 | -0.380594 | 0.572203 | -0.665138 | 0.5079 |
| X62 | -0.072055 | 0.314198 | -0.229331 | 0.8192 |

| | | | |
|---|---|---|---|
| R-squared | 0.415295 | Mean dependent var | 3.079545 |
| Adjusted R-squared | 0.364133 | S.D. dependent var | 1.669342 |
| S.E. of regression | 1.331154 | Akaike info criterion | 3.496478 |
| Sum squared resid | 141.7578 | Schwarz criterion | 3.721691 |
| Log likelihood | -145.8450 | Hannan-Quinn criter. | 3.587211 |
| F-statistic | 8.117300 | Durbin-Watson stat | 1.880819 |
| Prob(F-statistic) | 0.000000 | | |

X3 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:45
Sample (adjusted): 1 88
Included observations: 88 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.251411 | 0.404466 | 5.566377 | 0.0000 |
| X1 | -1.99E-05 | 7.58E-06 | -2.622731 | 0.0104 |
| X2 | 0.003522 | 0.004132 | 0.852377 | 0.3965 |
| X4 | -0.213485 | 0.291347 | -0.732751 | 0.4658 |
| X5 | 8.01E-07 | 1.14E-07 | 6.999016 | 0.0000 |
| X61 | -0.381874 | 0.566511 | -0.674081 | 0.5022 |
| X62 | -0.072847 | 0.310754 | -0.234420 | 0.8153 |

| | | | |
|---|---|---|---|
| R-squared | 0.415290 | Mean dependent var | 3.079545 |
| Adjusted R-squared | 0.371978 | S.D. dependent var | 1.669342 |
| S.E. of regression | 1.322917 | Akaike info criterion | 3.473759 |
| Sum squared resid | 141.7590 | Schwarz criterion | 3.670820 |
| Log likelihood | -145.8454 | Hannan-Quinn criter. | 3.553150 |
| F-statistic | 9.588369 | Durbin-Watson stat | 1.880467 |
| Prob(F-statistic) | 0.000000 | | |

X62 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:46
Sample (adjusted): 1 88
Included observations: 88 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.207434 | 0.356258 | 6.196162 | 0.0000 |
| X1 | -2.00E-05 | 7.53E-06 | -2.653044 | 0.0096 |
| X2 | 0.003590 | 0.004098 | 0.875823 | 0.3837 |
| X4 | -0.213216 | 0.289661 | -0.736087 | 0.4638 |
| X5 | 7.99E-07 | 1.13E-07 | 7.040632 | 0.0000 |
| X61 | -0.336277 | 0.528997 | -0.635689 | 0.5267 |

| | | | |
|---|---|---|---|
| R-squared | 0.414893 | Mean dependent var | 3.079545 |
| Adjusted R-squared | 0.379216 | S.D. dependent var | 1.669342 |
| S.E. of regression | 1.315272 | Akaike info criterion | 3.451710 |
| Sum squared resid | 141.8551 | Schwarz criterion | 3.620620 |
| Log likelihood | -145.8752 | Hannan-Quinn criter. | 3.519760 |
| F-statistic | 11.62908 | Durbin-Watson stat | 1.882504 |
| Prob(F-statistic) | 0.000000 | | |

X61 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:46
Sample (adjusted): 1 88
Included observations: 88 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.159016 | 0.346769 | 6.226084 | 0.0000 |
| X1 | -1.94E-05 | 7.44E-06 | -2.602254 | 0.0110 |
| X2 | 0.003212 | 0.004041 | 0.794931 | 0.4289 |
| X4 | -0.196504 | 0.287428 | -0.683665 | 0.4961 |
| X5 | 8.04E-07 | 1.13E-07 | 7.132543 | 0.0000 |

| | | | |
|---|---|---|---|
| R-squared | 0.412010 | Mean dependent var | 3.079545 |
| Adjusted R-squared | 0.383673 | S.D. dependent var | 1.669342 |
| S.E. of regression | 1.310542 | Akaike info criterion | 3.433899 |
| Sum squared resid | 142.5542 | Schwarz criterion | 3.574657 |
| Log likelihood | -146.0915 | Hannan-Quinn criter. | 3.490607 |
| F-statistic | 14.53971 | Durbin-Watson stat | 1.889444 |
| Prob(F-statistic) | 0.000000 | | |

X4 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:47
Sample (adjusted): 1 88
Included observations: 88 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.044165 | 0.302397 | 6.759878 | 0.0000 |
| X1 | -1.97E-05 | 7.40E-06 | -2.656644 | 0.0094 |
| X2 | 0.003536 | 0.004000 | 0.884010 | 0.3792 |
| X5 | 8.18E-07 | 1.11E-07 | 7.388346 | 0.0000 |

| | | | |
|---|---|---|---|
| R-squared | 0.408699 | Mean dependent var | 3.079545 |
| Adjusted R-squared | 0.387581 | S.D. dependent var | 1.669342 |
| S.E. of regression | 1.306381 | Akaike info criterion | 3.416787 |
| Sum squared resid | 143.3570 | Schwarz criterion | 3.529393 |
| Log likelihood | -146.3386 | Hannan-Quinn criter. | 3.462153 |
| F-statistic | 19.35319 | Durbin-Watson stat | 1.910162 |
| Prob(F-statistic) | 0.000000 | | |

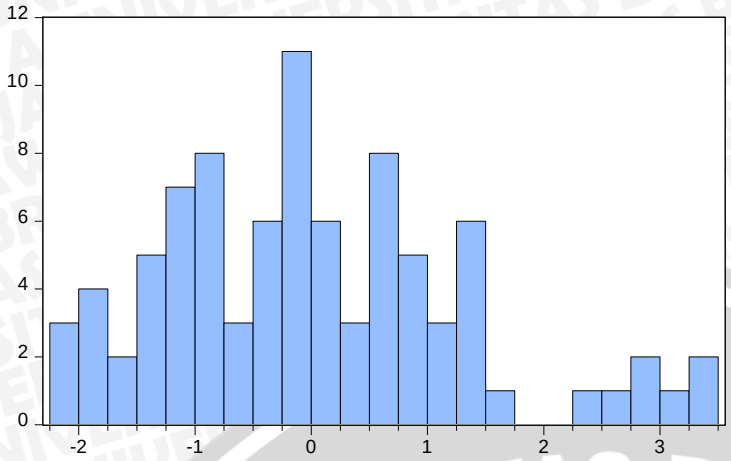
X2 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:47
Sample (adjusted): 1 88
Included observations: 88 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.080236 | 0.299246 | 6.951598 | 0.0000 |
| X1 | -1.63E-05 | 6.31E-06 | -2.576242 | 0.0117 |
| X5 | 8.15E-07 | 1.10E-07 | 7.373896 | 0.0000 |

| | | | |
|---|---|---|---|
| R-squared | 0.403198 | Mean dependent var | 3.079545 |
| Adjusted R-squared | 0.389155 | S.D. dependent var | 1.669342 |
| S.E. of regression | 1.304700 | Akaike info criterion | 3.403320 |
| Sum squared resid | 144.6906 | Schwarz criterion | 3.487775 |
| Log likelihood | -146.7461 | Hannan-Quinn criter. | 3.437345 |
| F-statistic | 28.71286 | Durbin-Watson stat | 1.887857 |
| Prob(F-statistic) | 0.000000 | | |

Uji Normalitas




| | |
|---|---|
| Series: Residuals | |
| Sample 1 88 | |
| Observations 88 | |
| Mean | 1.27e-16 |
| Median | -0.160461 |
| Maximum | 3.328415 |
| Minimum | -2.075179 |
| Std. Dev. | 1.289617 |
| Skewness | 0.631182 |
| Kurtosis | 3.035524 |
| Jarque-Bera | 5.847695 |
| Probability | 0.053727 |

Uji Heterokedastisitas

Heteroskedasticity Test: White

| | | | |
|---|---|---|---|
| F-statistic | 1.028614 | Prob. F(5,82) | 0.4064 |
| Obs*R-squared | 5.193644 | Prob. Chi-Square(5) | 0.3927 |
| Scaled explained SS | 4.931635 | Prob. Chi-Square(5) | 0.4243 |

Test Equation:
Dependent Variable: RESID^2
Method: Least Squares
Date: 07/23/16 Time: 00:48
Sample: 1 88
Included observations: 88

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 2.566511 | 1.171945 | 2.189958 | 0.0314 |
| X1^2 | 3.14E-10 | 3.75E-10 | 0.835235 | 0.4060 |
| X1*X5 | 7.15E-12 | 1.06E-11 | 0.672484 | 0.5032 |
| X1 | -6.30E-05 | 4.55E-05 | -1.383177 | 0.1704 |
| X5^2 | 2.00E-14 | 1.51E-13 | 0.132149 | 0.8952 |
| X5 | 2.06E-08 | 7.65E-07 | 0.026880 | 0.9786 |

| | | | |
|---|---|---|---|
| R-squared | 0.059019 | Mean dependent var | 1.644212 |
| Adjusted R-squared | 0.001642 | S.D. dependent var | 2.359270 |
| S.E. of regression | 2.357332 | Akaike info criterion | 4.618684 |
| Sum squared resid | 455.6753 | Schwarz criterion | 4.787594 |
| Log likelihood | -197.2221 | Hannan-Quinn criter. | 4.686734 |
| F-statistic | 1.028614 | Durbin-Watson stat | 1.958489 |
| Prob(F-statistic) | 0.406391 | | |

Uji Multikolinieritas

| | Y | X1 | X5 |
|---|---|---|---|
| Y | 1.000000 | -0.146371 | 0.597158 |
| X1 | -0.146371 | 1.000000 | 0.114026 |
| X5 | 0.597158 | 0.114026 | 1.000000 |

**Jasa Pengaturan**

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:50
Sample (adjusted): 1 20
Included observations: 20 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1.636533 | 1.381467 | 1.184635 | 0.2591 |
| X1 | -3.44E-05 | 1.26E-05 | -2.726480 | 0.0184 |
| X2 | 0.008347 | 0.010659 | 0.783018 | 0.4488 |
| X3 | -0.004241 | 0.065577 | -0.064670 | 0.9495 |
| X4 | -0.239835 | 0.775864 | -0.309120 | 0.7625 |
| X5 | 1.34E-06 | 5.26E-07 | 2.545371 | 0.0257 |
| X61 | 1.088651 | 1.359625 | 0.800699 | 0.4389 |
| X62 | -0.769856 | 0.750975 | -1.025142 | 0.3255 |

| | | | |
|---|---|---|---|
| R-squared | 0.699067 | Mean dependent var | 3.500000 |
| Adjusted R-squared | 0.523523 | S.D. dependent var | 1.905670 |
| S.E. of regression | 1.315433 | Akaike info criterion | 3.675384 |
| Sum squared resid | 20.76438 | Schwarz criterion | 4.073677 |
| Log likelihood | -28.75384 | Hannan-Quinn criter. | 3.753135 |
| F-statistic | 3.982282 | Durbin-Watson stat | 1.926258 |
| Prob(F-statistic) | 0.017648 | | |

X3 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:50
Sample (adjusted): 1 20
Included observations: 20 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1.592980 | 1.159075 | 1.374355 | 0.1926 |
| X1 | -3.43E-05 | 1.20E-05 | -2.852371 | 0.0136 |
| X2 | 0.008396 | 0.010217 | 0.821814 | 0.4260 |
| X4 | -0.262919 | 0.661969 | -0.397177 | 0.6977 |
| X5 | 1.31E-06 | 3.19E-07 | 4.116298 | 0.0012 |
| X61 | 1.048450 | 1.161960 | 0.902312 | 0.3833 |
| X62 | -0.791220 | 0.648063 | -1.220900 | 0.2438 |

| | | | |
|---|---|---|---|
| R-squared | 0.698962 | Mean dependent var | 3.500000 |
| Adjusted R-squared | 0.560021 | S.D. dependent var | 1.905670 |
| S.E. of regression | 1.264048 | Akaike info criterion | 3.575732 |
| Sum squared resid | 20.77162 | Schwarz criterion | 3.924239 |
| Log likelihood | -28.75732 | Hannan-Quinn criter. | 3.643765 |
| F-statistic | 5.030653 | Durbin-Watson stat | 1.930725 |
| Prob(F-statistic) | 0.007126 | | |

X4 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:51
Sample (adjusted): 1 20
Included observations: 20 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1.381617 | 0.998233 | 1.384062 | 0.1880 |
| X1 | -3.23E-05 | 1.06E-05 | -3.043676 | 0.0088 |
| X2 | 0.008607 | 0.009891 | 0.870233 | 0.3988 |
| X5 | 1.32E-06 | 3.09E-07 | 4.271919 | 0.0008 |
| X61 | 1.041066 | 1.126321 | 0.924306 | 0.3710 |
| X62 | -0.739951 | 0.615678 | -1.201848 | 0.2494 |

| | | | |
|---|---|---|---|
| R-squared | 0.695309 | Mean dependent var | 3.500000 |
| Adjusted R-squared | 0.586491 | S.D. dependent var | 1.905670 |
| S.E. of regression | 1.225435 | Akaike info criterion | 3.487794 |
| Sum squared resid | 21.02367 | Schwarz criterion | 3.786514 |
| Log likelihood | -28.87794 | Hannan-Quinn criter. | 3.546107 |
| F-statistic | 6.389640 | Durbin-Watson stat | 1.948870 |
| Prob(F-statistic) | 0.002728 | | |

X2 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:52
Sample (adjusted): 1 20
Included observations: 20 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1.655602 | 0.939588 | 1.762051 | 0.0984 |
| X1 | -3.53E-05 | 9.95E-06 | -3.546932 | 0.0029 |
| X5 | 1.38E-06 | 2.97E-07 | 4.655535 | 0.0003 |
| X61 | 1.334708 | 1.065860 | 1.252236 | 0.2297 |
| X62 | -0.710564 | 0.609757 | -1.165322 | 0.2621 |

| | | | |
|---|---|---|---|
| R-squared | 0.678827 | Mean dependent var | 3.500000 |
| Adjusted R-squared | 0.593181 | S.D. dependent var | 1.905670 |
| S.E. of regression | 1.215481 | Akaike info criterion | 3.440475 |
| Sum squared resid | 22.16091 | Schwarz criterion | 3.689408 |
| Log likelihood | -29.40475 | Hannan-Quinn criter. | 3.489069 |
| F-statistic | 7.925963 | Durbin-Watson stat | 1.821668 |
| Prob(F-statistic) | 0.001217 | | |

X62 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:52
Sample (adjusted): 1 20
Included observations: 20 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1.255683 | 0.884403 | 1.419809 | 0.1749 |
| X1 | -3.22E-05 | 9.70E-06 | -3.321161 | 0.0043 |
| X5 | 1.38E-06 | 3.01E-07 | 4.603970 | 0.0003 |
| X61 | 1.627019 | 1.047447 | 1.553318 | 0.1399 |

| | | | |
|---|---|---|---|
| R-squared | 0.649751 | Mean dependent var | 3.500000 |
| Adjusted R-squared | 0.584079 | S.D. dependent var | 1.905670 |
| S.E. of regression | 1.229003 | Akaike info criterion | 3.427140 |
| Sum squared resid | 24.16718 | Schwarz criterion | 3.626287 |
| Log likelihood | -30.27140 | Hannan-Quinn criter. | 3.466016 |
| F-statistic | 9.893931 | Durbin-Watson stat | 1.767228 |
| Prob(F-statistic) | 0.000627 | | |

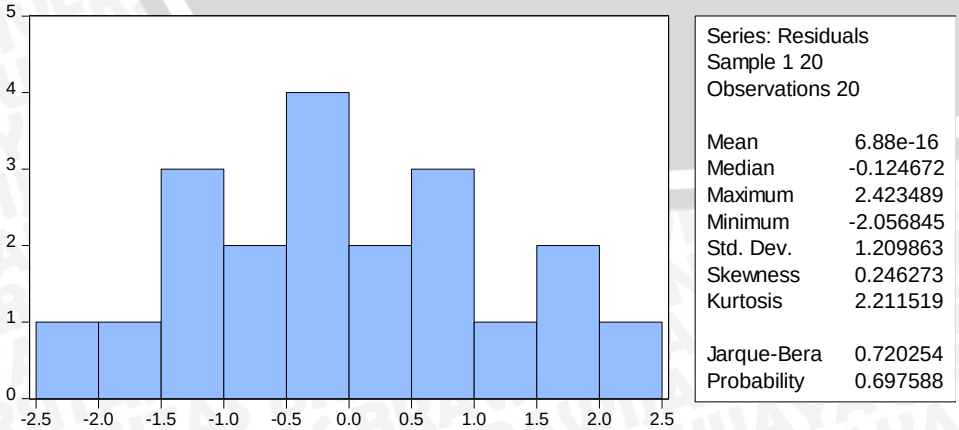
X61 keluar

Dependent Variable: Y
Method: Least Squares
Date: 07/23/16 Time: 00:53
Sample (adjusted): 1 20
Included observations: 20 after adjustments

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1.963841 | 0.788703 | 2.489963 | 0.0234 |
| X1 | -3.22E-05 | 1.01E-05 | -3.186642 | 0.0054 |
| X5 | 1.16E-06 | 2.74E-07 | 4.228450 | 0.0006 |

| | | | |
|---|---|---|---|
| R-squared | 0.596934 | Mean dependent var | 3.500000 |
| Adjusted R-squared | 0.549514 | S.D. dependent var | 1.905670 |
| S.E. of regression | 1.279053 | Akaike info criterion | 3.467597 |
| Sum squared resid | 27.81158 | Schwarz criterion | 3.616957 |
| Log likelihood | -31.67597 | Hannan-Quinn criter. | 3.496754 |
| F-statistic | 12.58833 | Durbin-Watson stat | 2.174083 |
| Prob(F-statistic) | 0.000442 | | |

Uji Normalitas



Uji Heterokedastisitas

Heteroskedasticity Test: White

| | | | |
|---|---|---|---|
| F-statistic | 0.784538 | Prob. F(5,14) | 0.5775 |
| Obs*R-squared | 4.377344 | Prob. Chi-Square(5) | 0.4965 |
| Scaled explained SS | 1.915793 | Prob. Chi-Square(5) | 0.8607 |

Test Equation:
Dependent Variable: RESID^2
Method: Least Squares
Date: 07/23/16 Time: 00:53
Sample: 1 20
Included observations: 20

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | -2.196986 | 2.468419 | -0.890038 | 0.3885 |
| X1^2 | -2.78E-10 | 5.98E-10 | -0.464301 | 0.6496 |
| X1*X5 | 9.15E-13 | 1.54E-11 | 0.059525 | 0.9534 |
| X1 | 2.31E-05 | 5.82E-05 | 0.395791 | 0.6982 |
| X5^2 | -4.97E-13 | 3.20E-13 | -1.553951 | 0.1425 |
| X5 | 2.77E-06 | 1.70E-06 | 1.624747 | 0.1265 |

| | | | |
|---|---|---|---|
| R-squared | 0.218867 | Mean dependent var | 1.390579 |
| Adjusted R-squared | -0.060109 | S.D. dependent var | 1.570359 |
| S.E. of regression | 1.616867 | Akaike info criterion | 4.042182 |
| Sum squared resid | 36.59960 | Schwarz criterion | 4.340902 |
| Log likelihood | -34.42182 | Hannan-Quinn criter. | 4.100495 |
| F-statistic | 0.784538 | Durbin-Watson stat | 1.301341 |
| Prob(F-statistic) | 0.577515 | | |

Uji Multikolinieritas

| | Y | X1 | X5 |
|---|---|---|---|
| Y | 1.000000 | -0.415942 | 0.596798 |
| X1 | -0.415942 | 1.000000 | 0.119353 |
| X5 | 0.596798 | 0.119353 | 1.000000 |