

LAMPIRAN

LAMPIRAN 1

DATA PENELITIAN

Kode	Sektor Industri	Tahun	Y	X1	X2
1	Tekstil	2010	29.427.227.642	527.542.648	1.208.072.125
1	Tekstil	2011	34.699.723.941	562.215.958	1.481.383.306
1	Tekstil	2012	39.067.330.526	538.279.776	1.826.367.938
1	Tekstil	2013	56.083.543.197	568.923.943	2.331.397.377
1	Tekstil	2014	53.610.143.598	767.941.197	2.253.483.685
2	Produk dari Batu Bara dan Pengilangan Minyak	2010	31.555.979	1.205.621	326.418
2	Produk dari Batu Bara dan Pengilangan Minyak	2011	46.711.425	6.221.501	941.794
2	Produk dari Batu Bara dan Pengilangan Minyak	2012	58.416.246	4.953.406	711.986
2	Produk dari Batu Bara dan Pengilangan Minyak	2013	48.498.160	2.211.899	260.912
2	Produk dari Batu Bara dan Pengilangan Minyak	2014	83.873.348	4.767.046	347.101
3	Percetakan dan Reproduksi Media Rekaman	2010	1.718.165.816	7.514.726	32.838.596
3	Percetakan dan Reproduksi Media Rekaman	2011	2.688.038.983	22.094.554	40.794.953
3	Percetakan dan Reproduksi Media Rekaman	2012	2.973.960.750	53.587.472	111.295.719
3	Percetakan dan Reproduksi Media Rekaman	2013	2.210.872.260	25.408.786	36.361.289
3	Percetakan dan Reproduksi Media Rekaman	2014	2.125.986.477	10.739.373	25.818.487

4	Peralatan Listrik	2010	275.096.122	2.794.066	2.082.238
4	Peralatan Listrik	2011	547.465.669	153.978	6.724.195
4	Peralatan Listrik	2012	949.641.454	1.377.446	3.263.768
4	Peralatan Listrik	2013	1.842.041.759	8.672.613	8.902.487
4	Peralatan Listrik	2014	1.150.857.694	6.688.772	8.324.846
5	Pengolahan Tembakau	2010	44.371.434.880	93.760.737	19.244.084
5	Pengolahan Tembakau	2011	45.094.101.100	32.278.635	17.950.161
5	Pengolahan Tembakau	2012	61.261.264.612	80.308.548	156.286.984
5	Pengolahan Tembakau	2013	96.516.310.991	240.939.702	43.358.798
5	Pengolahan Tembakau	2014	97.445.944.316	333.610.673	38.770.747
6	Pengolahan Lainnya	2010	1.286.897.199	12.101.878	28.304.273
6	Pengolahan Lainnya	2011	1.646.800.493	19.288.547	15.558.373
6	Pengolahan Lainnya	2012	2.208.078.476	21.349.314	24.950.714
6	Pengolahan Lainnya	2013	2.619.289.028	30.512.150	25.252.453
6	Pengolahan Lainnya	2014	2.718.014.107	24.497.934	24.001.813
7	Pakaian Jadi	2010	7.099.394.910	51.955.414	81.244.366
7	Pakaian Jadi	2011	7.038.666.138	64.080.277	52.569.098
7	Pakaian Jadi	2012	10.470.160.081	78.791.415	110.734.484
7	Pakaian Jadi	2013	12.792.979.713	130.445.064	181.354.162
7	Pakaian Jadi	2014	17.584.949.239	165.784.851	489.555.731
8	Minuman	2010	1.527.437.868	39.558.590	45.794.998
8	Minuman	2011	1.681.781.189	48.424.962	21.695.572
8	Minuman	2012	1.892.885.729	55.012.898	20.052.733
8	Minuman	2013	2.363.120.491	58.108.924	23.440.839
8	Minuman	2014	3.620.789.164	94.305.027	36.129.102
9	Mesin dan Perlengkapan	2010	382.875.937	12.842.186	15.272.702
9	Mesin dan Perlengkapan	2011	703.281.170	11.295.838	24.460.051
9	Mesin dan Perlengkapan	2012	681.729.976	12.684.289	16.527.813
9	Mesin dan Perlengkapan	2013	289.560.272	4.460.544	9.362.948
9	Mesin dan Perlengkapan	2014	571.773.586	5.776.041	19.283.789
10	Makanan	2010	24.962.176.416	453.113.715	299.216.963
10	Makanan	2011	25.056.098.811	499.624.495	282.904.360
10	Makanan	2012	25.371.638.730	646.196.941	225.387.809
10	Makanan	2013	42.840.973.793	717.488.965	272.574.095
10	Makanan	2014	36.323.786.830	1.056.968.4 29	468.723.404
11	Logam Dasar	2010	4.645.600.932	266.401.218	671.558.795

11	Logam Dasar	2011	2.047.724.701	47.824.449	77.153.983
11	Logam Dasar	2012	3.433.472.273	72.703.222	177.819.802
11	Logam Dasar	2013	3.152.907.431	66.946.573	77.034.619
11	Logam Dasar	2014	3.230.783.609	63.651.088	74.469.348
12	Kulit, Barang dari Kulit dan Alas Kaki	2010	584.709.920	4.823.272	10.015.173
12	Kulit, Barang dari Kulit dan Alas Kaki	2011	767.012.143	6.046.609	14.981.669
12	Kulit, Barang dari Kulit dan Alas Kaki	2012	1.364.070.796	15.195.396	59.844.336
12	Kulit, Barang dari Kulit dan Alas Kaki	2013	724.520.168	5.438.285	6.168.696
12	Kulit, Barang dari Kulit dan Alas Kaki	2014	971.107.396	7.970.188	13.138.750
13	Komputer, Barang Elektronik dan Optik	2010	1.154.491.942	5.409.433	17.127.901
13	Komputer, Barang Elektronik dan Optik	2011	851.293.928	2.723.842	1.832.907
13	Komputer, Barang Elektronik dan Optik	2012	1.412.992.576	3.180.219	1.893.402
13	Komputer, Barang Elektronik dan Optik	2013	1.605.050.659	3.304.830	10.643.237
13	Komputer, Barang Elektronik dan Optik	2014	2.410.449.940	4.173.760	4.277.196
14	Kertas dan Barang dari Kertas	2010	2.326.908.577	49.164.280	70.696.819
14	Kertas dan Barang dari Kertas	2011	2.408.799.040	36.021.816	86.737.806
14	Kertas dan Barang dari Kertas	2012	3.068.173.993	33.466.221	66.087.256
14	Kertas dan Barang dari Kertas	2013	4.292.829.978	90.891.480	166.485.139
14	Kertas dan Barang dari Kertas	2014	7.606.010.676	117.020.121	2.252.097.025
15	Kendaraan Bermotor Trailer dan Semi Trailer	2010	1.800.243.824	8.938.365	55.690.766
15	Kendaraan Bermotor Trailer dan Semi Trailer	2011	3.943.760.176	61.266.154	531.654.653
15	Kendaraan Bermotor Trailer dan Semi Trailer	2012	1.804.244.703	2.124.333	10.409.145
15	Kendaraan Bermotor Trailer dan Semi	2013	2.357.140.206	2.169.046	13.841.122

	Trailer				
15	Kendaraan Bermotor Trailer dan Semi Trailer	2014	2.399.869.367	1.955.401	134.973.279
16	Kayu, Barang dari Kayu dan Gabus (Tidak Termasuk Furnitur), dan Barang Anyaman dari Bambu, Rotan dan Sejenisnya	2010	6.167.927.479	71.167.890	141.878.088
16	Kayu, Barang dari Kayu dan Gabus (Tidak Termasuk Furnitur), dan Barang Anyaman dari Bambu, Rotan dan Sejenisnya	2011	9.488.819.340	95.815.102	216.729.021
16	Kayu, Barang dari Kayu dan Gabus (Tidak Termasuk Furnitur), dan Barang Anyaman dari Bambu, Rotan dan Sejenisnya	2012	13.962.358.241	235.047.751	312.545.654
16	Kayu, Barang dari Kayu dan Gabus (Tidak Termasuk Furnitur), dan Barang Anyaman dari Bambu, Rotan dan Sejenisnya	2013	12.210.864.294	151.019.866	206.909.700
16	Kayu, Barang dari Kayu dan Gabus (Tidak Termasuk Furnitur), dan Barang Anyaman dari Bambu, Rotan dan Sejenisnya	2014	13.333.977.977	177.111.921	309.946.123
17	Karet, Barang dari Karet dan Plastik	2010	5.676.713.758	50.619.574	200.138.431
17	Karet, Barang dari Karet dan Plastik	2011	8.395.707.547	82.629.404	312.663.322
17	Karet, Barang dari Karet dan Plastik	2012	12.947.954.709	210.291.701	437.468.381
17	Karet, Barang dari Karet dan Plastik	2013	8.961.192.574	151.893.192	315.581.532
17	Karet, Barang dari Karet dan Plastik	2014	10.124.203.129	47.475.433	350.071.331

18	Jasa Reparasi dan Pemasangan Mesin dan Peralatan Mesin dan Peralatannya	2010	257.635.943	3.896.112	11.146.035
18	Jasa Reparasi dan Pemasangan Mesin dan Peralatan Mesin dan Peralatannya	2011	202.886.533	5.188.384	3.592.235
18	Jasa Reparasi dan Pemasangan Mesin dan Peralatan Mesin dan Peralatannya	2012	333.867.514	4.198.822	2.462.604
18	Jasa Reparasi dan Pemasangan Mesin dan Peralatan Mesin dan Peralatannya	2013	260.798.773	2.021.287	1.275.841
18	Jasa Reparasi dan Pemasangan Mesin dan Peralatan Mesin dan Peralatannya	2014	365.521.515	3.750.873	2.176.893
19	Furnitur	2010	4.805.499.862	21.962.746	39.669.075
19	Furnitur	2011	5.595.814.566	42.126.105	81.020.491
19	Furnitur	2012	5.536.496.886	47.246.495	96.067.994
19	Furnitur	2013	5.207.253.339	46.631.955	62.737.826
19	Furnitur	2014	7.247.713.260	42.198.755	79.417.012
20	Farmasi Produk Obat Kimia dan Obat Tradisional	2010	3.210.422.730	30.760.077	29.979.965
20	Farmasi Produk Obat Kimia dan Obat Tradisional	2011	3.092.068.508	32.971.768	36.423.520
20	Farmasi Produk Obat Kimia dan Obat Tradisional	2012	4.281.838.682	44.460.003	68.875.119
20	Farmasi Produk Obat Kimia dan Obat Tradisional	2013	5.043.453.961	131.028.119	54.596.484
20	Farmasi Produk Obat Kimia dan Obat Tradisional	2014	7.509.400.610	92.690.177	168.975.271
21	Barang Logam, Bukan Mesin dan Peralatannya	2010	1.410.668.480	135.405.937	269.726.704
21	Barang Logam, Bukan Mesin dan Peralatannya	2011	1.109.788.263	27.332.756	28.996.208
21	Barang Logam, Bukan	2012	2.086.355.649	58.051.127	29.829.397

	Mesin dan Peralatannya				
21	Barang Logam, Bukan Mesin dan Peralatannya	2013	1.580.780.697	30.788.959	20.574.778
21	Barang Logam, Bukan Mesin dan Peralatannya	2014	1.682.990.325	35.590.498	27.031.275
22	Barang Galian Bukan Logam	2010	3.407.886.007	273.034.718	159.942.107
22	Barang Galian Bukan Logam	2011	2.990.471.722	190.996.186	212.422.392
22	Barang Galian Bukan Logam	2012	6.531.986.959	1.236.687.491	447.346.005
22	Barang Galian Bukan Logam	2013	6.603.296.528	826.252.803	314.369.583
22	Barang Galian Bukan Logam	2014	7.529.243.742	732.361.207	354.310.236
23	Bahan Kimia dan Barang dari Bahan Kimia	2010	3.450.991.861	45.907.035	77.878.323
23	Bahan Kimia dan Barang dari Bahan Kimia	2011	3.811.850.750	170.198.906	45.575.675
23	Bahan Kimia dan Barang dari Bahan Kimia	2012	5.661.084.264	356.000.529	220.375.510
23	Bahan Kimia dan Barang dari Bahan Kimia	2013	8.761.052.048	314.995.054	91.886.824
23	Bahan Kimia dan Barang dari Bahan Kimia	2014	10.472.167.804	275.961.338	320.638.223
24	Alat Angkutan Lainnya	2010	1.046.028.848	1.199.407	102.412
24	Alat Angkutan Lainnya	2011	1.433.112.512	1.635.784	351.509
24	Alat Angkutan Lainnya	2012	1.490.979.705	31.516.427	5.115.829
24	Alat Angkutan Lainnya	2013	2.498.903.964	730.952	3.325.524
24	Alat Angkutan Lainnya	2014	722.191.903	761.202	1.329.786

LAMPIRAN 2

HASIL OLAH DATA DENGAN EVIEWS

PLS

Dependent Variable: LOG(Y)

Method: Panel Least Squares

Date: 03/17/18 Time: 17:32

Sample: 2010 2014

Periods included: 5

Cross-sections included: 24

Total panel (balanced) observations: 120

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.926713	0.813885	12.19671	0.0000
LOG(X1)	0.343292	0.084766	4.049899	0.0001
LOG(X2)	0.339010	0.077794	4.357792	0.0000
R-squared	0.652403	Mean dependent var		21.80757
Adjusted R-squared	0.646461	S.D. dependent var		1.598914
S.E. of regression	0.950700	Akaike info criterion		2.761447
Sum squared resid	105.7483	Schwarz criterion		2.831134
Log likelihood	-162.6868	Hannan-Quinn criter.		2.789747
F-statistic	109.7983	Durbin-Watson stat		0.675857
Prob(F-statistic)	0.000000			

FEM

Dependent Variable: LOG(Y)

Method: Panel Least Squares

Date: 03/17/18 Time: 17:32

Sample: 2010 2014

Periods included: 5

Cross-sections included: 24

Total panel (balanced) observations: 120

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	16.04622	0.745406	21.52682	0.0000
LOG(X1)	0.198512	0.046617	4.258319	0.0000
LOG(X2)	0.132711	0.043303	3.064698	0.0028

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.973401	Mean dependent var	21.80757
Adjusted R-squared	0.966327	S.D. dependent var	1.598914
S.E. of regression	0.293404	Akaike info criterion	0.574606
Sum squared resid	8.092095	Schwarz criterion	1.178563
Log likelihood	-8.476378	Hannan-Quinn criter.	0.819876
F-statistic	137.5992	Durbin-Watson stat	2.160397
Prob(F-statistic)	0.000000		

CROSS SECTION FIXED EFFECT

SEKTOR_I NDUSTRI	Effect
1	1.563782
2	-3.004865
3	-0.147026
4	-0.493811
5	2.847013
6	-0.215509
7	0.895297
8	-0.395982
9	-1.394716
10	1.464435
11	-0.270135
12	-0.817413
13	-0.029396
14	-0.120661
15	0.084630
16	0.768215
17	0.628737
18	-1.584443
19	0.540969
20	0.238610
21	-0.727717
22	-0.267904
23	0.192950
24	0.244941

REM

Dependent Variable: LOG(Y)

Method: Panel EGLS (Cross-section random effects)

Date: 03/17/18 Time: 17:33

Sample: 2010 2014

Periods included: 5

Cross-sections included: 24

Total panel (balanced) observations: 120

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	15.09544	0.717657	21.03434	0.0000
LOG(X1)	0.224287	0.045319	4.949060	0.0000
LOG(X2)	0.161519	0.042029	3.843011	0.0002

Effects Specification

	S.D.	Rho
Cross-section random	0.921145	0.9079
Idiosyncratic random	0.293404	0.0921

Weighted Statistics

R-squared	0.425450	Mean dependent var	3.075379
Adjusted R-squared	0.415628	S.D. dependent var	0.399927
S.E. of regression	0.305721	Sum squared resid	10.93543
F-statistic	43.31875	Durbin-Watson stat	1.812719
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.526438	Mean dependent var	21.80757
Sum squared resid	144.0702	Durbin-Watson stat	0.625738

CROSS SECTION RANDOM EFFECT

SEKTOR_I NDUSTRI	Effect
1	1.353306
2	-2.760356
3	-0.131534
4	-0.354986
5	2.759972
6	-0.183620
7	0.818662
8	-0.391236
9	-1.307233
10	1.303623
11	-0.323060
12	-0.734438
13	0.086637
14	-0.173252
15	0.118847
16	0.668719
17	0.532687
18	-1.424526
19	0.511218
20	0.210016
21	-0.723360
22	-0.386926
23	0.114712
24	0.416126

UJI CHOW

Redundant Fixed Effects Tests

Equation: EQ02

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	49.321781	(23,94)	0.0000
Cross-section Chi-square	308.420855	23	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(Y)

Method: Panel Least Squares

Date: 03/17/18 Time: 17:32

Sample: 2010 2014

Periods included: 5

Cross-sections included: 24

Total panel (balanced) observations: 120

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.926713	0.813885	12.19671	0.0000
LOG(X1)	0.343292	0.084766	4.049899	0.0001
LOG(X2)	0.339010	0.077794	4.357792	0.0000
R-squared	0.652403	Mean dependent var	21.80757	
Adjusted R-squared	0.646461	S.D. dependent var	1.598914	
S.E. of regression	0.950700	Akaike info criterion	2.761447	
Sum squared resid	105.7483	Schwarz criterion	2.831134	
Log likelihood	-162.6868	Hannan-Quinn criter.	2.789747	
F-statistic	109.7983	Durbin-Watson stat	0.675857	
Prob(F-statistic)	0.000000			

UJI HAUSMAN

Correlated Random Effects - Hausman Test

Equation: EQ02

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	12.028942	2	0.0024

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(X1)	0.198512	0.224287	0.000119	0.0183
LOG(X2)	0.132711	0.161519	0.000109	0.0057

Cross-section random effects test equation:

Dependent Variable: LOG(Y)

Method: Panel Least Squares

Date: 03/17/18 Time: 17:33

Sample: 2010 2014

Periods included: 5

Cross-sections included: 24

Total panel (balanced) observations: 120

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	16.04622	0.745406	21.52682	0.0000
LOG(X1)	0.198512	0.046617	4.258319	0.0000
LOG(X2)	0.132711	0.043303	3.064698	0.0028

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.973401	Mean dependent var	21.80757
Adjusted R-squared	0.966327	S.D. dependent var	1.598914
S.E. of regression	0.293404	Akaike info criterion	0.574606
Sum squared resid	8.092095	Schwarz criterion	1.178563
Log likelihood	-8.476378	Hannan-Quinn criter.	0.819876
F-statistic	137.5992	Durbin-Watson stat	2.160397
Prob(F-statistic)	0.000000		