

LAMPIRAN

Lampiran 1

Tabel Data Ketimpangan Pendapatan, PDRB per kapita, IPM, PAD,
dan DAU DIY Tahun 2011-2018

DIY	Tahun	IG	PDRB	IPM	PAD	DAU
			Rupiah		Ribu Rupiah	Ribu Rupiah
Kota Yogyakarta	2011	0.194	46,616,180.00	82.98	228,870,560.00	436,129,820.00
	2012	0.179	48,701,750.00	83.29	338,839,610.00	536,466,610.00
	2013	0.146	50,258,516.00	83.61	385,920,170.00	597,212,210.00
	2014	0.396	52,267,568.00	83.78	470,634,760.00	618,742,350.00
	2015	0.446	54,259,260.00	84.56	510,548,830.00	622,365,351.00
	2016	0.429	56,345,754.00	85.32	540,504,300.00	670,278,830.00
	2017	0.457	58,604,180.00	85.49	657,049,370.00	658,504,190.00
	2018	0.427	60,329,422.00	86.11	667,492,080.00	658,504,190.00
Sleman	2011	0.271	20,451,340.00	80.04	226,723,271.00	631,920,733.00
	2012	0.278	21,489,417.00	80.1	301,069,539.00	795,708,767.00
	2013	0.253	22,219,295.00	80.26	455,998,564.00	891,598,912.00
	2014	0.396	22,670,462.00	80.73	573,337,599.00	952,102,502.00
	2015	0.446	24,067,206.00	81.2	643,130,080.00	984,410,612.00
	2016	0.394	25,052,453.00	82.15	712,121,170.00	101,431,063.00
	2017	0.453	26,104,734.00	82.85	657,049,370.00	996,492,454.00
	2018	0.450	26,855,581.00	83.42	894,272,961.00	632,920,733.00
Bantul	2011	0.337	13,816,538.00	75.79	128,900,086.00	625,060,827.00
	2012	0.343	14,447,874.00	76.13	166,597,778.00	768,034,584.00
	2013	0.318	14,928,969.00	76.78	224,197,864.00	854,810,634.00
	2014	0.321	15,478,869.00	77.11	357,411,062.00	949,252,188.00
	2015	0.376	16,045,644.00	77.99	390,624,492.00	942,850,827.00
	2016	0.381	17,635,842.00	78.42	404,454,703.00	999,814,365.00
	2017	0.392	17,293,722.00	78.67	494,179,068.00	982,250,842.00
	2018	0.412	18,224,517.00	79.45	462,653,957.00	982,250,840.00
Gunung Kidul	2011	0.301	13,640,173.00	64.83	54,462,418.00	572,008,916.00
	2012	0.323	13,999,816.00	65.69	67,050,781.00	687,944,489.00
	2013	0.303	14,535,156.00	66.31	66,710,859.00	779,069,238.00
	2014	0.296	15,032,198.00	67.03	159,304,338.00	847,388,294.00
	2015	0.319	15,591,612.00	67.41	196,099,244.00	872,566,961.00
	2016	0.334	16,190,634.00	67.82	206,278,866.00	954,997,369.00
	2017	0.325	16,840,806.00	68.73	271,370,044.00	938,221,136.00
	2018	0.337	17,267,198.00	69.24	227,229,980.00	947,221,136.00
Kulon Progo	2011	0.337	13,321,990.00	69.53	53,752,293.00	444,043,865.00
	2012	0.343	13,923,844.00	69.74	74,028,663.00	531,104,016.00
	2013	0.324	14,302,305.00	70.14	95,991,512.00	594,978,790.00
	2014	0.382	14,801,237.00	70.68	158,800,563.00	639,409,211.00
	2015	0.367	15,360,343.00	71.52	170,822,326.00	657,260,489.00
	2016	0.372	15,949,107.00	72.38	180,273,363.00	657,260,489.00
	2017	0.375	15,845,204.00	73.23	249,692,648.00	705,868,940.00
	2018	0.365	16,597,462.00	73.76	211,047,699.00	705,868,940.00

Lampiran 2

Hasil Uji Common Effect Model

Dependent Variable: INDEKSGINI?

Method: Pooled Least Squares

Date: 12/23/19 Time: 08:03

Sample: 2011 2018

Included observations: 8

Cross-sections included: 5

Total pool (balanced) observations: 40

Cross sections without valid observations dropped

Variable	Coefficient	Std. Error	t-Statistic	Prob.
PDRB?	9.35E-09	9.75E-10	9.590696	0.0000
IPM?	3.809008	0.029455	129.3148	0.0000
PAD?	-2.61E-10	6.41E-11	-4.075846	0.0002
DAU?	3.00E-11	6.19E-11	0.484420	0.0310
R-squared	0.906074	Mean dependent var		7.332100
Adjusted R-squared	0.898247	S.D. dependent var		0.215540
S.E. of regression	0.068755	Akaike info criterion		-2.421901
Sum squared resid	0.170180	Schwarz criterion		-2.253013
Log likelihood	52.43802	Hannan-Quinn criter.		-2.360836
Durbin-Watson stat	0.105816			

Lampiran 3

Hasil Uji Fixed Effect Model

Dependent Variable: LOG(INDEKSGINI?)

Method: Pooled Least Squares

Date: 12/23/19 Time: 08:10

Sample: 2011 2018

Included observations: 8

Cross-sections included: 5

Total pool (balanced) observations: 40

Cross sections without valid observations dropped

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.010023	0.008315	121.4650	0.0000
LOG(PDRB?)	-0.056522	0.000778	-72.64231	0.0000
LOG(IPM?)	-0.037822	0.015765	-2.399037	0.0226
LOG(PAD?)	-0.000192	0.000112	-1.715824	0.0162
LOG(DAU?)	1.30E-06	6.18E-05	0.021109	0.0133
Fixed Effects (Cross)				
_KOTA--C	0.000460			
YOGYAKARTA--C	-8.60E-05			
_SLEMAN--C	-0.000773			
_BANTUL--C	0.000519			
_GUNUNG--C	-0.000120			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.999984	Mean dependent var	1.991849
Adjusted R-squared	0.999980	S.D. dependent var	0.028957
S.E. of regression	0.000131	Akaike info criterion	-14.85150
Sum squared resid	5.30E-07	Schwarz criterion	-14.47151
Log likelihood	306.0301	Hannan-Quinn criter.	-14.71411
F-statistic	239117.9	Durbin-Watson stat	0.627114
Prob(F-statistic)	0.000000		

Lampiran 4

Hasil Uji Random Effect Model

Dependent Variable: LOG(INDEKSGINI?)

Method: Pooled EGLS (Period random effects)

Date: 12/23/19 Time: 08:11

Sample: 2011 2018

Included observations: 8

Cross-sections included: 5

Total pool (balanced) observations: 40

Swamy and Arora estimator of component variances

Cross sections without valid observations dropped

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.007930	0.002264	445.2783	0.0000
LOG(PDRB?)	0.057946	0.000103	561.0949	0.0000
LOG(IPM?)	0.001377	0.003590	0.383734	0.7035
LOG(PAD?)	0.000346	7.81E-05	4.433643	0.0001
LOG(DAU?)	-9.56E-05	8.63E-05	-1.107492	0.2756
Random Effects (Period)				
2011—C	0.000000			
2012—C	0.000000			
2013—C	0.000000			
2014—C	0.000000			
2015—C	0.000000			
2016—C	0.000000			
2017—C	0.000000			
2018—C	0.000000			

Effects Specification		S.D.	Rho
Period random		0.000000	0.0000
Idiosyncratic random		0.000194	1.0000

Weighted Statistics			
R-squared	0.999954	Mean dependent var	1.991849
Adjusted R-squared	0.999948	S.D. dependent var	0.028957
S.E. of regression	0.000208	Sum squared resid	1.52E-06
F-statistic	188373.9	Durbin-Watson stat	0.338112
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	0.999954	Mean dependent var	1.991849
Sum squared resid	1.52E-06	Durbin-Watson stat	0.338112

Lampiran 5

Hasil Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	14.463463	(4,31)	0.0000
Cross-section Chi-square	42.120228	4	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(INDEKSGINI?)

Method: Panel Least Squares

Date: 12/23/19 Time: 08:13

Sample: 2011 2018

Included observations: 8

Cross-sections included: 5

Total pool (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.007930	0.002427	415.3040	0.0000
LOG(PDRB?)	0.057946	0.000111	523.3243	0.0000
LOG(IPM?)	0.001377	0.003849	0.357903	0.7226
LOG(PAD?)	0.000346	8.38E-05	4.135189	0.0002
LOG(DAU?)	-9.56E-05	9.26E-05	-1.032940	0.3087
R-squared	0.999954	Mean dependent var		1.991849
Adjusted R-squared	0.999948	S.D. dependent var		0.028957
S.E. of regression	0.000208	Akaike info criterion		-13.99850
Sum squared resid	1.52E-06	Schwarz criterion		-13.78739
Log likelihood	284.9699	Hannan-Quinn criter.		-13.92217
F-statistic	188373.9	Durbin-Watson stat		0.338112
Prob(F-statistic)	0.000000			

Lampiran 6

Hasil Uji Hausman

Correlated Random Effects - Hausman Test
 Pool: PANEL
 Test period random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Period random	12.229931	4	0.0157

** WARNING: estimated period random effects variance is zero.

Period random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(PDRB?)	0.058012	0.057946	0.000000	0.0010
LOG(IPM?)	-0.011888	0.001377	0.000015	0.0005
LOG(PAD?)	0.000786	0.000346	0.000000	0.0005
LOG(DAU?)	-0.000074	-0.000096	0.000000	0.5527

Period random effects test equation:
 Dependent Variable: LOG(INDEKSGINI?)
 Method: Panel Least Squares
 Date: 12/23/19 Time: 08:21
 Sample: 2011 2018
 Included observations: 8
 Cross-sections included: 5
 Total pool (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.006226	0.002456	409.6246	0.0000
LOG(PDRB?)	0.058012	0.000105	551.3695	0.0000
LOG(IPM?)	-0.011888	0.005248	-2.265000	0.0314
LOG(PAD?)	0.000786	0.000149	5.264349	0.0000
LOG(DAU?)	-7.39E-05	9.37E-05	-0.788770	0.4369

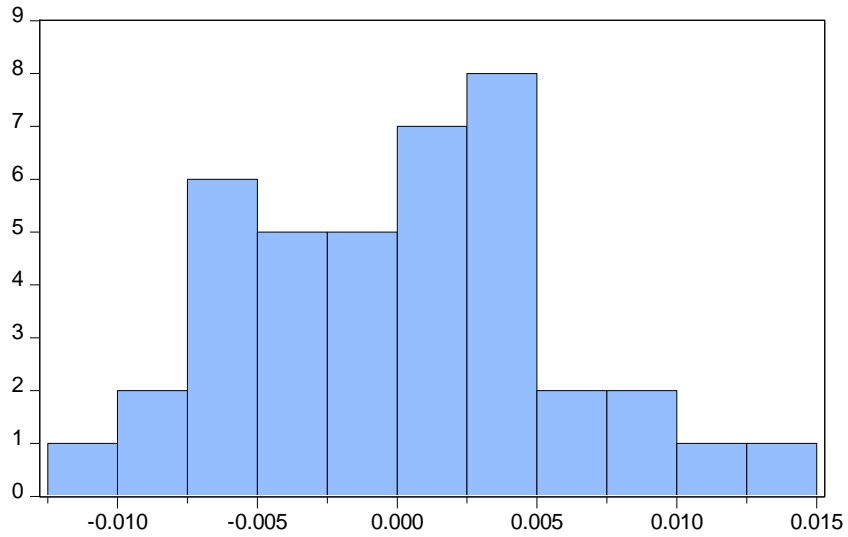
Effects Specification

Period fixed (dummy variables)

R-squared	0.999968	Mean dependent var	1.991849
Adjusted R-squared	0.999955	S.D. dependent var	0.028957
S.E. of regression	0.000194	Akaike info criterion	-14.01102
Sum squared resid	1.06E-06	Schwarz criterion	-13.50435
Log likelihood	292.2204	Hannan-Quinn criter.	-13.82782
F-statistic	78745.34	Durbin-Watson stat	0.769663
Prob(F-statistic)	0.000000		

Lampiran 7

Hasil Uji Normality



Series: Standardized Residuals	
Sample 2011 2018	
Observations 40	
Mean	-3.90e-19
Median	0.000114
Maximum	0.014013
Minimum	-0.010839
Std. Dev.	0.005689
Skewness	0.339599
Kurtosis	2.707119
Jarque-Bera	0.911815
Probability	0.633872

Lampiran 8

Hasil Uji Heteroskedasitas

Dependent Variable: LOG(ABS(RESID))
 Method: Panel Least Squares
 Date: 12/23/19 Time: 08:34
 Sample: 2011 2018
 Periods included: 8
 Cross-sections included: 5
 Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-38.18162	13.46173	-2.836308	0.3075
PDRB	6.13E-09	1.41E-08	0.436599	0.6651
IPM	18.29969	7.380893	2.479333	0.2181
PAD	-2.89E-09	1.08E-09	-2.680673	0.4111
DAU	4.09E-10	7.58E-10	0.539060	0.5933
R-squared	0.240043	Mean dependent var		-4.269964
Adjusted R-squared	0.153190	S.D. dependent var		0.911535
S.E. of regression	0.838815	Akaike info criterion		2.602816
Sum squared resid	24.62640	Schwarz criterion		2.813926
Log likelihood	-47.05633	Hannan-Quinn criter.		2.679147
F-statistic	2.763802	Durbin-Watson stat		1.183388
Prob(F-statistic)	0.042646			

Lampiran 9

Hasil Uji Multikolinearitas

	INDEKSGINI	PDRB	IPM	PAD	DAU
INDEKSGINI	1	0.987699	0.793325	0.62916	-0.26964
PDRB	0.987699	1	0.73501	0.548078	-0.30072
IPM	0.793325	0.73501	1	0.800878	-0.07882
PAD	0.62916	0.548078	0.800878	1	0.084793
DAU	-0.26964	-0.30072	-0.07882	0.084793	1