

LAMPIRAN

Lampiran 1

Data KEM, PDRB, IPM, DAU, dan Jumlah Penduduk

kabupaten	tahun	KEM	PDRB	IPM	DAU	PEND
bantul	2010	146.9	4.97	75.31	528.5	911,503
bantul	2011	159.4	5.27	75.79	625.4	922,104
bantul	2012	158.8	5.34	76.13	768.1	934,674
bantul	2013	156.6	5.49	76.78	854.9	947,072
bantul	2014	153.49	5.18	77.11	949.3	959,445
bantul	2015	160.15	4.94	77.99	942.9	972,511
bantul	2016	156.82	6.15	78.42	982.3	983,527
bantul	2017	139.67	6.2	78.67	999.9	995,264
gunung kidul	2010	148.7	4.15	64.2	521.3	675,382
gunung kidul	2011	157.1	4.33	64.83	572.4	685,003
gunung kidul	2012	156.5	4.84	65.69	688.0	692,579
gunung kidul	2013	152.2	4.66	66.31	779.1	700,191
gunung kidul	2014	148.39	4.78	67.03	847.4	707,794
gunung kidul	2015	155	4.89	67.41	872.6	715,282
gunung kidul	2016	151.7	5.01	67.82	938.3	722,479
gunung kidul	2017	135.74	5.12	68.73	955.0	729,364
kulon progo	2010	90	3.06	68.83	411.3	388,869
kulon progo	2011	92.8	4.95	69.53	444.3	394,200
kulon progo	2012	92.4	5.01	69.74	531.2	398,672
kulon progo	2013	86.5	5.06	70.14	595.0	403,179
kulon progo	2014	84.67	5.21	70.68	639.5	407,709
kulon progo	2015	88.13	5.3	71.52	657.3	412,198
kulon progo	2016	86.4	5.39	72.38	705.9	416,683
kulon progo	2017	84.17	5.47	73.23	718.5	421,295
sleman	2010	117	4.49	79.69	563.4	1,093,110
sleman	2011	117.3	5.19	80.04	632.2	1,116,184
sleman	2012	116.8	5.45	80.1	795.8	1,128,934
sleman	2013	110.8	5.69	80.26	891.6	1,141,733
sleman	2014	110.44	5.86	80.73	952.2	1,154,501
sleman	2015	110.96	5.93	81.2	984.5	1,167,481
sleman	2016	110.7	6.11	82.15	996.5	1,180,479
sleman	2017	96.75	6.15	82.85	1.014	1,193,512

kabupaten	tahun	KEM	PDRB	IPM	DAU	PEND
yogyakarta	2010	37.8	4.88	82.72	395.5	388,627
yogyakarta	2011	37.7	5.17	82.98	436.4	392,506
yogyakarta	2012	37.6	5.32	83.29	536.5	397,594
yogyakarta	2013	35.6	5.8	83.61	597.3	402,679
yogyakarta	2014	36.6	6	83.78	618.8	407,667
yogyakarta	2015	35.98	6.2	84.56	622.4	412,704
yogyakarta	2016	36.29	6.4	85.32	658.6	417,744
yogyakarta	2017	32.2	6.61	85.49	670,3	422,732

Keterangan :

KEM : Kemiskinan (ribuan)

PDRB: Pertumbuhan PDRB (persen)

IPM : Indeks Pembangunan Manusia (angka indeks)

DAU : Dana Alokasi Umum (miliar rupiah)

PEND : Jumlah Penduduk (jiwa)

Lampiran II

Hasil Estimasi *Common Effect Model*

Dependent Variable: Y
Method: Panel Least Squares
Date: 07/28/19 Time: 06:00
Sample: 2010 2017
Periods included: 8
Cross-sections included: 5
Total panel (unbalanced) observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	300.9490	54.60250	5.511634	0.0000
X1	-27.71581	10.25535	-2.702571	0.0107
X2	-2.300595	1.023620	-2.247508	0.0312

X3	1.75E-07	2.87E-08	6.100345	0.0000
X4	1.75E-06	1.04E-05	0.168728	0.8670
R-squared	0.732032	Mean dependent var	107.0731	
Adjusted R-squared	0.700506	S.D. dependent var	44.57268	
S.E. of regression	24.39287	Akaike info criterion	9.345668	
Sum squared resid	20230.41	Schwarz criterion	9.558945	
Log likelihood	-177.2405	Hannan-Quinn criter.	9.422190	
F-statistic	23.22017	Durbin-Watson stat	0.411942	
Prob(F-statistic)	0.000000			

Lampiran III

Hasil Estimasi *Fixed Effect Model*

Dependent Variable: Y
Method: Panel Least Squares
Date: 07/28/19 Time: 06:03
Sample: 2010 2017
Periods included: 8
Cross-sections included: 5
Total panel (unbalanced) observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
X1	13.06817	6.189692	2.111279	0.0432
X2	-2.276131	0.701644	-3.243997	0.0029
X3	-3.07E-09	2.18E-08	-0.140871	0.8889
X4	5.13E-05	8.17E-06	6.276903	0.0000
C	200.4558	53.10391	3.774785	0.0007

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.957696	Mean dependent var	107.0731
Adjusted R-squared	0.946415	S.D. dependent var	44.57268
S.E. of regression	10.31785	Akaike info criterion	7.704802
Sum squared resid	3193.741	Schwarz criterion	8.088701
Log likelihood	-141.2436	Hannan-Quinn criter.	7.842542
F-statistic	84.89469	Durbin-Watson stat	0.780359
Prob(F-statistic)	0.000000		

Lampiran IV

Hasil Estimasi *Random Effect Model*

Dependent Variable: Y
 Method: Panel EGLS (Cross-section random effects)
 Date: 07/28/19 Time: 06:07
 Sample: 2010 2017
 Periods included: 8
 Cross-sections included: 5
 Total panel (unbalanced) observations: 39
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	300.9490	23.09611	13.03029	0.0000
X1	-27.71581	4.337873	-6.389262	0.0000
X2	-2.300595	0.432977	-5.313428	0.0000
X3	1.75E-07	1.21E-08	14.42208	0.0000
X4	1.75E-06	4.39E-06	0.398898	0.6925
Effects Specification				
			S.D.	Rho
Cross-section random			1.21E-05	0.0000
Idiosyncratic random			10.31785	1.0000
Weighted Statistics				
R-squared	0.732032	Mean dependent var	107.0731	
Adjusted R-squared	0.700506	S.D. dependent var	44.57268	
S.E. of regression	24.39287	Sum squared resid	20230.41	
F-statistic	23.22017	Durbin-Watson stat	0.411942	
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.732032	Mean dependent var	107.0731	
Sum squared resid	20230.41	Durbin-Watson stat	0.411942	

Lampiran V

Hasil Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	40.007942	(4,30)	0.0000
Cross-section Chi-square	71.993761	4	0.0000

Cross-section fixed effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 07/28/19 Time: 06:04

Sample: 2010 2017

Periods included: 8

Cross-sections included: 5

Total panel (unbalanced) observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
X1	-27.71581	10.25535	-2.702571	0.0107
X2	-2.300595	1.023620	-2.247508	0.0312
X3	1.75E-07	2.87E-08	6.100345	0.0000
X4	1.75E-06	1.04E-05	0.168728	0.8670
C	300.9490	54.60250	5.511634	0.0000

R-squared	0.732032	Mean dependent var	107.0731
Adjusted R-squared	0.700506	S.D. dependent var	44.57268
S.E. of regression	24.39287	Akaike info criterion	9.345668
Sum squared resid	20230.41	Schwarz criterion	9.558945
Log likelihood	-177.2405	Hannan-Quinn criter.	9.422190
F-statistic	23.22017	Durbin-Watson stat	0.411942
Prob(F-statistic)	0.000000		

Lampiran VI

Hasil Uji Housman

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	160.031767	4	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
X1	13.068166	-27.715812	19.495147	0.0000
X2	-2.276131	-2.300595	0.304835	0.9647
X3	-0.000000	0.000000	0.000000	0.0000
X4	0.000051	0.000002	0.000000	0.0000

Cross-section random effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 07/28/19 Time: 06:09

Sample: 2010 2017

Periods included: 8

Cross-sections included: 5

Total panel (unbalanced) observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	200.4558	53.10391	3.774785	0.0007
X1	13.06817	6.189692	2.111279	0.0432
X2	-2.276131	0.701644	-3.243997	0.0029
X3	-3.07E-09	2.18E-08	-0.140871	0.8889
X4	5.13E-05	8.17E-06	6.276903	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.957696	Mean dependent var	107.0731
Adjusted R-squared	0.946415	S.D. dependent var	44.57268
S.E. of regression	10.31785	Akaike info criterion	7.704802
Sum squared resid	3193.741	Schwarz criterion	8.088701
Log likelihood	-141.2436	Hannan-Quinn criter.	7.842542
F-statistic	84.89469	Durbin-Watson stat	0.780359
Prob(F-statistic)	0.000000		

Lampiran VII

Intersep

No	Kabupaten/Kota	Effect	C	Konstanta
1	Kabupaten Bantul	90,5798	200,4558	291,0356
2	Kabupaten Gunung Kidul	21,4026	200,4558	221,8584
3	Kabupaten Kulon Progo	-87,78262	200,4558	112,67318
4	Kabupaten Sleman	92,1514	200,4558	292,6072
5	Kota Yogyakarta	-116,3512	200,4558	84,1046

