

LAMPIRAN

A. Data

Kabupaten	Tahun	PDRB (juta)	PAD (juta)	INVESTASI (%)	TINGKAT PENGANGGURAN (%)
Kulon Progo	2007	4.455.556	33.129.460	0	4.34
	2008	4.665.308	36.188.575	1.82	3.56
	2009	4.850.346	41.937.645	0.01	4.31
	2010	4.998.871	44.416.717	78.84	4.18
	2011	5.246.147	49.588.455	4.21	3.03
	2012	5.475.148	54.293.141	6.08	3.04
	2013	5.741.660	64.750.332	6.08	2.85
	2014	6.002.787	92.815.160	705.51	2.88
	2015	6.281.566	187.802.917	796	3.72
Bantul	2007	10.509.554	43.027.036	491.7	5.17
	2008	11.024.865	48.429.062	491.7	5.06
	2009	11.518.166	65.991.514	491.7	5.85
	2010	12.090.974	90.238.880	40.11	5.24
	2011	12.728.666	106.885.124	98.3	4.39
	2012	13.407.022	121.593.862	94.76	3.7
	2013	14.138.719	170.006.171	94.73	3.36
	2014	14.867.409	265.128.265	871.99	2.57
	2015	15.610.514	312.419.914	89	3
Gunung Kidul	2007	7.829.248	22.228.567	76.19	3.93
	2008	8.172.653	25.239.545	63.38	3.29
	2009	8.516.079	31.950.621	76.94	3.94
	2010	8.864.152	39.756.345	99.24	4.04
	2011	9.248.011	41.985.405	62.07	2.23
	2012	9.695.980	55.600.362	54.37	1.38
	2013	10.177.433	66.710.860	54.37	1.69
	2014	10.639.466	90.333.149	69.71	1.61
	2015	11.151.688	145.856.403	69	2.9
Sleman	2007	18.759.542	92.185.494	55.89	7.75
	2008	19.721.074	97.906.951	66.99	6.83
	2009	20.603.760	117.315.381	73.25	7.43
	2010	21.528.101	147.072.535	4.21	7.17
	2011	22.645.852	203.416.683	125.65	5.36
	2012	23.957.113	220.367.231	109.73	5.64
	2013	25.367.414	298.406.947	129.7	3.28
	2014	26.740.537	383.497.912	133.26	4.21
	2015	28.159.674	577.585.009	133	5.37

Yogyakarta	2007	12.290.450	100.374.387	70.98	9.65
	2008	12.920.226	119.300.781	75.81	7.85
	2009	13.495.848	135.106.762	65.6	8.07
	2010	14.167.677	178.761.036	16.58	7.41
	2011	18.206.090	202.260.820	80.89	6.7
	2012	19.189.075	241.190.745	87.15	5.33
	2013	20.239.558	304.797.499	111.75	6.45
	2014	21.312.144	404.272.608	111.66	6.35
	2015	22.412.176	449.849.108	101	5.52

B. Hasil Olah Data E-Views

1. Common effect

Dependent Variable: LOG(PDRB?)

Method: Pooled Least Squares

Date: 04/02/17 Time: 17:15

Sample: 2007 2015

Included observations: 9

Cross-sections included: 5

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG(PAD?)	0.877669	0.010867	80.76768	0.0000
TI?	-0.000490	0.000336	-1.455722	0.1529
TP?	0.030011	0.036980	0.811542	0.4216

Dependent Variable: LOG

Method: Pooled Least Squ

Date: 04/02/17 Time: 17:

Sample: 2007 2015

Included observations: 9

Cross-sections included: 5

Total pool (balanced) obs

Variable			
C			
LOG(PAD?)			
TI?			
TP?			
Fixed Effects (Cross)			
_KP--C			
_BANTUL--C			
_GK--C			
_SLEMAN--C			
_YK--C			
R-squared	0.291895	Mean dependent var	16.29269
Adjusted R-squared	0.258175	S.D. dependent var	0.531115

S.E. of regression	0.457446	Akaike info criterion	1.338023
Sum squared resid	8.788771	Schwarz criterion	1.458467
Log likelihood	-27.10551	Hannan-Quinn criter.	1.382923
Durbin-Watson stat	0.200474		

2. Fixed effect

Dependent Variable: LOG(PDRB?)

Method: Pooled Least Squares

Date: 04/02/17 Time: 17:17

Sample: 2007 2015

Included observations: 9

Cross-sections included: 5

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	13.01913	0.442910	29.39455	0.0000
LOG(PAD?)	0.186635	0.022002	8.482507	0.0000
TI?	-1.78E-05	4.73E-05	-0.376199	0.7089
TP?	-0.036250	0.010868	-3.335403	0.0019
Fixed Effects (Cross)				
_KP--C	-0.744342			
_BANTUL--C	0.048492			
_GK--C	-0.173648			
_SLEMAN--C	0.575630			
_YK--C	0.293869			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.990640	Mean dependent var	16.29269
Adjusted R-squared	0.988869	S.D. dependent var	0.531115
S.E. of regression	0.056034	Akaike info criterion	-2.765890
Sum squared resid	0.116175	Schwarz criterion	-2.444706
Log likelihood	70.23253	Hannan-Quinn criter.	-2.646156
F-statistic	559.4202	Durbin-Watson stat	0.773237
Prob(F-statistic)	0.000000		

3. Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	298.055186	(4,37)	0.0000
Cross-section Chi-square	157.644801	4	T0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(PDRB?)

Method: Panel Least Squares

Date: 04/02/17 Time: 17:18

Sample: 2007 2015

Included observations: 9

Cross-sections included: 5

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.507877	1.037545	7.236191	0.0000
LOG(PAD?)	0.461323	0.057996	7.954325	0.0000
TI?	-0.000279	0.000228	-1.224633	0.2277
TP?	0.065054	0.025272	2.574209	0.0138
R-squared	0.689036	Mean dependent var		16.29269
Adjusted R-squared	0.666283	S.D. dependent var		0.531115
S.E. of regression	0.306816	Akaike info criterion		0.559550
Sum squared resid	3.859577	Schwarz criterion		0.720142
Log likelihood	-8.589873	Hannan-Quinn criter.		0.619417
F-statistic	30.28275	Durbin-Watson stat		0.161056
Prob(F-statistic)	0.000000			

4. Random effect

Dependent Variable: LOG(PDRB?)
 Method: Pooled EGLS (Cross-section random effects)
 Date: 04/02/17 Time: 17:19
 Sample: 2007 2015
 Included observations: 9
 Cross-sections included: 5
 Total pool (balanced) observations: 45
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	12.67590	0.443155	28.60378	0.0000
LOG(PAD?)	0.203213	0.021405	9.493596	0.0000
TI?	-2.88E-05	4.71E-05	-0.611584	0.5442
TP?	-0.028027	0.010553	-2.655847	0.0112
Random Effects (Cross)				
_KP--C	-0.720094			
_BANTUL--C	0.052858			
_GK--C	-0.144980			
_SLEMAN--C	0.551355			
_YK--C	0.260862			
Effects Specification				
			S.D.	Rho
Cross-section random			0.238782	0.9478
Idiosyncratic random			0.056034	0.0522
Weighted Statistics				
R-squared	0.838213	Mean dependent var		1.270572
Adjusted R-squared	0.826375	S.D. dependent var		0.154042
S.E. of regression	0.064187	Sum squared resid		0.168918
F-statistic	70.80654	Durbin-Watson stat		0.487345
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.319288	Mean dependent var		16.29269
Sum squared resid	8.448769	Durbin-Watson stat		0.009744

5. Uji Hausman

Correlated Random Effects - Hausman Test

Pool: PANEL

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	15.797965	3	0.0012

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(PAD?)	0.186635	0.203213	0.000026	0.0011
TI?	-0.000018	-0.000029	0.000000	0.0021
TP?	-0.036250	-0.028027	0.000007	0.0016

Cross-section random effects test equation:

Dependent Variable: LOG(PDRB?)

Method: Panel Least Squares

Date: 04/02/17 Time: 17:20

Sample: 2007 2015

Included observations: 9

Cross-sections included: 5

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	13.01913	0.442910	29.39455	0.0000
LOG(PAD?)	0.186635	0.022002	8.482507	0.0000
TI?	-1.78E-05	4.73E-05	-0.376199	0.7089
TP?	-0.036250	0.010868	-3.335403	0.0019

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.990640	Mean dependent var	16.29269
Adjusted R-squared	0.988869	S.D. dependent var	0.531115
S.E. of regression	0.056034	Akaike info criterion	-2.765890
Sum squared resid	0.116175	Schwarz criterion	-2.444706
Log likelihood	70.23253	Hannan-Quinn criter.	-2.646156
F-statistic	559.4202	Durbin-Watson stat	0.773237
Prob(F-statistic)	0.000000		

6. Uji Heteroskedastisitas

Dependent Variable: RESID?
 Method: Pooled Least Squares
 Date: 04/02/17 Time: 17:26
 Sample: 2007 2015
 Included observations: 9
 Cross-sections included: 5
 Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.057422	0.148380	0.386990	0.7010
LOG(PAD?)	-0.000977	0.007371	-0.132523	0.8953
TI?	2.68E-05	1.58E-05	1.695697	0.0983
TP?	-0.000911	0.003641	-0.250125	0.8039
Fixed Effects (Cross)				
_KP--C	-0.017948			
_BANTUL--C	-0.015874			
_GK--C	-0.019302			
_SLEMAN--C	-0.005610			
_YK--C	0.058734			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.726783	Mean dependent var	0.039002
Adjusted R-squared	0.675094	S.D. dependent var	0.032933
S.E. of regression	0.018772	Akaike info criterion	-4.953062
Sum squared resid	0.013039	Schwarz criterion	-4.631878
Log likelihood	119.4439	Hannan-Quinn criter.	-4.833328
F-statistic	14.06053	Durbin-Watson stat	2.058294
Prob(F-statistic)	0.000000		

7. Uji Multikolinearitas

	LOG(PAD)	TI	TP
LOG(PAD)	1	0.12832864972 85249	0.27923857362 90764
TI	0.12832864972 85249	1	0.13746480027 25714
TP	0.27923857362 90764	0.13746480027 25714	1

8. Hasil Koefisiensi

$$\text{LOG(PDRB_KP)} = -0.744342497005 + 13.0191272384 + 0.186634527217 * \text{LOG(PAD_KP)} - 1.77803124834e-05 * \text{TI_KP} - 0.0362502732884 * \text{TP_KP}$$

$$\text{LOG(PDRB_BANTUL)} = 0.0484915540086 + 13.0191272384 + 0.186634527217 * \text{LOG(PAD_BANTUL)} - 1.77803124834e-05 * \text{TI_BANTUL} - 0.0362502732884 * \text{TP_BANTUL}$$

$$\text{LOG(PDRB_GK)} = -0.173648389167 + 13.0191272384 + 0.186634527217 * \text{LOG(PAD_GK)} - 1.77803124834e-05 * \text{TI_GK} - 0.0362502732884 * \text{TP_GK}$$

$$\text{LOG(PDRB_SLEMAN)} = 0.575630008269 + 13.0191272384 + 0.186634527217 * \text{LOG(PAD_SLEMAN)} - 1.77803124834e-05 * \text{TI_SLEMAN} - 0.0362502732884 * \text{TP_SLEMAN}$$

$$\text{LOG(PDRB_YK)} = 0.293869323894 + 13.0191272384 + 0.186634527217 * \text{LOG(PAD_YK)} - 1.77803124834e-05 * \text{TI_YK} - 0.0362502732884 * \text{TP_YK}$$