

LAMPIRAN

Lampiran 1 : Data Panel Penelitian

Provinsi	Tahun	PDRB (Milyar)	PAD (juta)	Investasi (milyar)	Tenaga Kerja (jiwa)	Pendidikan (persen)
DKI Jakarta	2010	107518348	12891992182	103793	4689761	99.07
DKI Jakarta	2011	114755823	17825987294	809203	4528589	98.97
DKI Jakarta	2012	122252792	22040801447	125122	4823858	99.55
DKI Jakarta	2013	129669457	26852192452	89127	4668239	99.47
DKI Jakarta	2014	137338913	31274215885	739084	4634369	99.51
DKI Jakarta	2015	145434582	33686176815	654423	4724029	99.48
Banten	2010	27146528	3337772830	72408	4583085	96.2
Banten	2011	29054584	5142393100	60736	4376110	96.25
Banten	2012	31038559	6271379547	77441	4662368	96.51
Banten	2013	33109911	7873588262	85432	4687626	96.87
Banten	2014	34935123	10112270450	206123	4853992	96.98
Banten	2015	36821655	11259988202	457767	4825460	97.21
Jawa Barat	2010	90668576	10856072056	310125	16942444	98.18
Jawa Barat	2011	96562206	14359697783	127380	17407516	96.29
Jawa Barat	2012	102840974	17920717093	521021	18615753	96.39
Jawa Barat	2013	109354355	22561421863	176906	18731943	96.97
Jawa Barat	2014	114921606	29116894416	1003581	19230943	98.29
Jawa Barat	2015	120708341	32191204121	1054382	18791482	98.36
Jawa Tengah	2010	62322462	7743281400	13267	15809447	96.33
Jawa Tengah	2011	65626813	9292597602	43248	15822765	96.56
Jawa Tengah	2012	69134312	11505695202	81324	16531395	96.97
Jawa Tengah	2013	72665512	14303633279	691871	16469960	97.71
Jawa Tengah	2014	76495915	18764753609	712685	16550682	97.87
Jawa Tengah	2015	80677536	20698442504	271419	16435142	98.15
Jawa Timur	2010	99064884	11024339402	96747	18698108	88.34
Jawa Timur	2011	105440177	14664656749	108772	18463606	88.52
Jawa Timur	2012	112446464	16855344878	437496	19338902	89.28
Jawa Timur	2013	119278980	20585382752	762446	19306508	90.49
Jawa Timur	2014	126268450	27005372153	605551	19306508	92.23
Jawa Timur	2015	133139499	29976414461	712657	1936777	92.3
DI Yogyakarta	2010	6467897	1255141946	540	1775148	98.03
DI Yogyakarta	2011	6804987	1559817884	4225	1839824	98.07
DI Yogyakarta	2012	7170245	1951093616	11549	1906145	98.1

DI Yogyakarta	2013	7562745	2452042019	6445	1886071	98.43
DI Yogyakarta	2014	7953608	3183923410	15112	1956043	98.48
DI Yogyakarta	2015	8347444	3504335435	4853	1891218	98.58

Lampiran 2 : Model Regresi Data Panel

Uji Deskriptif

	I	P	PAD	PDRB	TK
Mean	272785.0	96.52750	1.48E+10	76416674	10693384
Median	103239.0	97.46000	1.36E+10	85673056	10445385
Maximum	1154382.	99.55000	3.37E+10	1.45E+08	19338902
Minimum	3540.000	88.34000	1.26E+09	6467897.	1775148.
Std. Dev.	321998.9	3.114810	9.74E+09	45597033	7161951.
Skewness	1.210153	-1.555894	0.378576	-0.289419	-0.021449
Kurtosis	3.254865	4.323215	2.048861	1.651945	1.124329
Jarque-Bera	8.884262	17.15118	2.216919	3.228459	5.279975
Probability	0.011771	0.000189	0.330067	0.199044	0.071362
Sum	9820261.	3474.990	5.32E+11	2.75E+09	3.85E+08
Sum Sq. Dev.	3.63E+12	339.5715	3.32E+21	7.28E+16	1.80E+15
Observations	36	36	36	36	36

Model Fixed Effect

Dependent Variable: LOG(PDRB?)

Method: Pooled Least Squares

Date: 03/31/18 Time: 15:29

Sample: 2010 2015

Included observations: 6

Cross-sections included: 6

Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.688666	1.411250	6.156715	0.0000
LOG(PAD?)	0.203694	0.013992	14.55754	0.0000
LOG(I?)	0.018289	0.005418	3.375778	0.0023
LOG(TK?)	0.281598	0.112252	2.508616	0.0187
P?	-0.002762	0.004723	-0.584845	0.5637
Fixed Effects (Cross)				
_DKIJAKARTA--C	0.816746			
_BANTEN--C	-0.288510			
_JAWABARAT--C	0.279818			
_JAWATENGAH--C	0.024781			
_JAWATIMUR--C	0.373847			
_DIYOGYAKARTA--C	-1.206682			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.999888	Mean dependent var	17.80797
Adjusted R-squared	0.999849	S.D. dependent var	1.024042
S.E. of regression	0.012577	Akaike info criterion	-5.683792
Sum squared resid	0.004113	Schwarz criterion	-5.243926
Log likelihood	112.3083	Hannan-Quinn criter.	-5.530267
F-statistic	25779.34	Durbin-Watson stat	1.463218
Prob(F-statistic)	0.000000		

Model Random Effect

Dependent Variable: LOG(PDRB?)

Method: Pooled EGLS (Cross-section random effects)

Date: 03/31/18 Time: 15:30

Sample: 2010 2015

Included observations: 6

Cross-sections included: 6

Total pool (balanced) observations: 36

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.524244	0.646707	6.995817	0.0000
LOG(PAD?)	0.193243	0.012354	15.64269	0.0000
LOG(I?)	0.017821	0.005370	3.318643	0.0023
LOG(TK?)	0.629263	0.041313	15.23143	0.0000
P?	-0.014209	0.003792	-3.746967	0.0007
Random Effects (Cross)				
_DKIJAKARTA--C	1.025792			
_BANTEN--C	-0.109561			
_JAWABARAT--C	-3.10E-05			
_JAWATENGAH--C	-0.236961			
_JAWATIMUR--C	0.024233			
_DIYOGYAKARTA--C	-0.703472			

Effects Specification

	S.D.	Rho
Cross-section random	0.089660	0.9807
Idiosyncratic random	0.012577	0.0193

Weighted Statistics

R-squared	0.917509	Mean dependent var	1.018120
Adjusted R-squared	0.906865	S.D. dependent var	0.114701
S.E. of regression	0.035004	Sum squared resid	0.037985
F-statistic	86.19994	Durbin-Watson stat	0.239679
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.733948	Mean dependent var	17.80797
Sum squared resid	9.764957	Durbin-Watson stat	0.000932

Model Comon Efect

Dependent Variable: LOG(PDRB?)
 Method: Pooled Least Squares
 Date: 03/31/18 Time: 15:31
 Sample: 2010 2015
 Included observations: 6
 Cross-sections included: 6
 Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.527680	2.920812	-1.550144	0.1313
LOG(PAD?)	0.957349	0.167548	5.713886	0.0000
LOG(I?)	-0.020661	0.078915	-0.261816	0.7952
LOG(TK?)	0.182156	0.099946	1.822549	0.0780
P?	-0.025239	0.020544	-1.228490	0.2285

R-squared	0.922489	Mean dependent var	17.80797
Adjusted R-squared	0.912487	S.D. dependent var	1.024042
S.E. of regression	0.302938	Akaike info criterion	0.577667
Sum squared resid	2.844910	Schwarz criterion	0.797601
Log likelihood	-5.398015	Hannan-Quinn criter.	0.654430
F-statistic	92.23537	Durbin-Watson stat	0.275734
Prob(F-statistic)	0.000000		

Lampiran 3 : Pemilihan Model

Uji Chow

Redundant Fixed Effects Tests

Pool: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	3591.947275	(5,26)	0.0000
Cross-section Chi-square	235.412559	5	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(PDRB?)

Method: Panel Least Squares

Date: 03/31/18 Time: 15:30

Sample: 2010 2015

Included observations: 6

Cross-sections included: 6

Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.527680	2.920812	-1.550144	0.1313
LOG(PAD?)	0.957349	0.167548	5.713886	0.0000
LOG(I?)	-0.020661	0.078915	-0.261816	0.7952
LOG(TK?)	0.182156	0.099946	1.822549	0.0780
P?	-0.025239	0.020544	-1.228490	0.2285
R-squared	0.922489	Mean dependent var		17.80797
Adjusted R-squared	0.912487	S.D. dependent var		1.024042
S.E. of regression	0.302938	Akaike info criterion		0.577667
Sum squared resid	2.844910	Schwarz criterion		0.797601
Log likelihood	-5.398015	Hannan-Quinn criter.		0.654430
F-statistic	92.23537	Durbin-Watson stat		0.275734
Prob(F-statistic)	0.000000			

Uji Hausman

Correlated Random Effects - Hausman Test

Pool: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	213.141423	4	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(PAD?)	0.203694	0.193243	0.000043	0.1117
LOG(I?)	0.018289	0.017821	0.000001	0.5147
LOG(TK?)	0.281598	0.629263	0.010894	0.0009
P?	-0.002762	-0.014209	0.000008	0.0000

Cross-section random effects test equation:

Dependent Variable: LOG(PDRB?)

Method: Panel Least Squares

Date: 03/31/18 Time: 15:31

Sample: 2010 2015

Included observations: 6

Cross-sections included: 6

Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.688666	1.411250	6.156715	0.0000
LOG(PAD?)	0.203694	0.013992	14.55754	0.0000
LOG(I?)	0.018289	0.005418	3.375778	0.0023
LOG(TK?)	0.281598	0.112252	2.508616	0.0187
P?	-0.002762	0.004723	-0.584845	0.5637

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.999888	Mean dependent var	17.80797
Adjusted R-squared	0.999849	S.D. dependent var	1.024042
S.E. of regression	0.012577	Akaike info criterion	-5.683792
Sum squared resid	0.004113	Schwarz criterion	-5.243926
Log likelihood	112.3083	Hannan-Quinn criter.	-5.530267
F-statistic	25779.34	Durbin-Watson stat	1.463218
Prob(F-statistic)	0.000000		

Lampiran 4 : Uji Asumsi Klasik

Uji Heterokedastisitas

Heteroskedasticity Test: Glejser

F-statistic	1.179617	Prob. F(4,31)	0.3390
Obs*R-squared	4.755660	Prob. Chi-Square(4)	0.3133
Scaled explained SS	3.601023	Prob. Chi-Square(4)	0.4627

Test Equation:

Dependent Variable: ARESID

Method: Least Squares

Date: 03/31/18 Time: 15:33

Sample: 1 36

Included observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.343543	1.538143	-0.873484	0.3891
LOG(PAD)	0.095518	0.088233	1.082561	0.2874
LOG(I)	-0.045232	0.041558	-1.088405	0.2848
LOG(TK)	-0.048811	0.052633	-0.927386	0.3609
P	0.006895	0.010819	0.637320	0.5286

R-squared	0.132102	Mean dependent var	0.231892
Adjusted R-squared	0.020115	S.D. dependent var	0.161161
S.E. of regression	0.159532	Akaike info criterion	-0.704904
Sum squared resid	0.788959	Schwarz criterion	-0.484971
Log likelihood	17.68828	Hannan-Quinn criter.	-0.628142
F-statistic	1.179617	Durbin-Watson stat	1.240588
Prob(F-statistic)	0.339017		

Uji Multikolinearitas

Variance Inflation Factors

Date: 03/31/18 Time: 15:33

Sample: 1 36

Included observations: 36

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	8.531143	3346.593	NA
LOG(PAD)	0.128072	5888.138	8.940987
LOG(I)	0.306228	332.9518	6.732877
LOG(TK)	0.709989	989.5084	3.003787
P	0.500422	1544.263	1.561739

