

Lampiran 1

Data Mentah

Prov	Tahun	TK (orang)	PE (%)	FDI (miliar US\$)	UMP (Rp)	EKS (juta Rp)	EDU (jiwa)
DKI	2011	4588418	6.73	4824.08	1290000	201599190	1029117
DKI	2012	4838596	6.53	4107.72	1529150	224117320	1148951
DKI	2013	4712836	6.07	2591.13	2200000	228551620	1154966
DKI	2014	4634369	5.91	4509.36	2441000	230043960	1072622
DKI	2015	4724029	5.91	3619.39	2700000	227786930	683886
DKI	2016	4861832	5.87	1793012.4	3100000	227542940	1084123
DKI	2017	4509171	6.2	2286426.3	3355750	218866630	1292571
DKI	2018	4726779	6.17	3274046.2	3648035	229810000	724088
Jabar	2011	17454781	6.5	3839.36	732000	23942431490	651436
Jabar	2012	18715843	6.5	4210.7	780000	25427120295	664755
Jabar	2013	18731943	6.33	7124.88	850000	24571607529	666622
Jabar	2014	19230943	5.09	6561.95	1000000	26983368689	750799
Jabar	2015	18791482	5.05	5738.71	1000000	27201077757	664201
Jabar	2016	19202038	5.66	4190926.9	1312355	26138126545	849625
Jabar	2017	20551575	5.33	3752655.8	1420624	27939001010	828532
Jabar	2018	20779888	5.66	4364714.4	1544360	29578647018	767149
Jateng	2011	15916135	5.3	174.96	675000	4968005023	397460
Jateng	2012	16132890	5.34	241.51	765000	5370748311	434378
Jateng	2013	15964048	5.11	464.3	830000	6192362041	436920
Jateng	2014	16550682	5.27	463.36	910000	685231981	487782
Jateng	2015	16435142	5.47	850.4	910000	6871685583	470916
Jateng	2016	16511136	5.25	78398.9	1265000	66644884.59	584272
Jateng	2017	17186674	5.26	1460346.7	1367000	75670847.7	555146
Jateng	2018	17245548	5.31	154538.8	1486065	8459290165	552621
DIY	2011	1798595	5.21	241	808000	254326150	244158
DIY	2012	1867708	5.37	8494	892660	293395390	278861
DIY	2013	1886071	5.47	2958	947114	354164020	281634
DIY	2014	1956043	5.17	6489	988500	427824790	351768
DIY	2015	1891218	4.95	8911	988500	441625210	318860
DIY	2016	2042400	5.05	16125.2	1237700	440088900	372478
DIY	2017	2053168	5.26	20388.5	1337645	480852740	377329
DIY	2018	2118392	6.2	77495.7	1454154	542480270	368066

Jatim	2011	18940340	6.44	1312.04	705000	181613720	693926
Jatim	2012	18715843	6.64	2298.78	745000	194727320	762313
Jatim	2013	18731943	6.08	3396.26	866250	198883560	766124
Jatim	2014	19230943	5.86	1802.51	1000000	194635850	771169
Jatim	2015	19367777	5.44	2593.38	1000000	190037060	737522
Jatim	2016	19114563	5.57	1369875.4	1273490	209023110	844675
Jatim	2017	20099220	5.46	682371.9	1388000	198101300	822635
Jatim	2018	20449949	5.5	652418.8	1508894	204166530	819122
Banten	2011	4529660	7.03	2171.69	1000000	24459547764	107053
Banten	2012	4605847	6.83	2716.26	1042000	26952231747	132684
Banten	2013	4637019	6.67	3720.23	1170000	26607052060	132933
Banten	2014	4853992	5.51	2034.63	1325000	28160599567	171334
Banten	2015	4825460	5.45	2541.97	1600000	29391258099	174139
Banten	2016	5088497	5.28	2185187.8	1784000	30074057458	223404
Banten	2017	5077400	5.75	2045140.6	1931180	33251260382	257717
Banten	2018	5332496	5.82	2034762.5	2099385	34089002207	1270258

Lampiran 2

Hasil Olah Data
Pooled Least Square (PLS) atau CEM

Dependent Variable: LOGTK

Method: Panel Least Squares

Date: 09/23/21 Time: 17:12

Sample: 2011 2018

Periods included: 8

Cross-sections included: 6

Total panel (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	17.82026	4.800184	3.712412	0.0006
PE	0.005059	0.171102	0.029565	0.9766
LOGFDI	0.064502	0.041383	1.558682	0.1266
LOGUMP	-1.243159	0.301028	-4.129716	0.0002
LOGEKS	0.128467	0.046105	2.786409	0.0080
LOGEDU	0.923230	0.170103	5.427459	0.0000
R-squared	0.536178	Mean dependent var		15.90090
Adjusted R-squared	0.480961	S.D. dependent var		0.884740
S.E. of regression	0.637405	Akaike info criterion		2.053647
Sum squared resid	17.06400	Schwarz criterion		2.287547
Log likelihood	-43.28753	Hannan-Quinn criter.		2.142038
F-statistic	9.710393	Durbin-Watson stat		0.303555
Prob(F-statistic)	0.000003			

Lampiran 3

Fixed Effect Model (FEM)

Dependent Variable: LOGTK

Method: Panel Least Squares

Date: 09/23/21 Time: 17:13

Sample: 2011 2018

Periods included: 8

Cross-sections included: 6

Total panel (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	14.05456	0.541414	25.95901	0.0000
PE	-0.000254	0.011822	-0.021510	0.9830
LOGFDI	0.000908	0.003006	0.302121	0.7643
LOGUMP	0.083661	0.034743	2.408039	0.0211
LOGEKS	0.004807	0.005474	0.878187	0.3855
LOGEDU	0.042738	0.014859	2.876244	0.0066

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.999150	Mean dependent var	15.90090
Adjusted R-squared	0.998920	S.D. dependent var	0.884740
S.E. of regression	0.029072	Akaike info criterion	-4.040045
Sum squared resid	0.031271	Schwarz criterion	-3.611229
Log likelihood	107.9611	Hannan-Quinn criter.	-3.877995
F-statistic	4349.267	Durbin-Watson stat	1.538321
Prob(F-statistic)	0.000000		

Tabel Effect FEM

CROSSID	Effect
1	-0.611855
2	0.853518
3	0.741014
4	-1.376195
5	0.885472
6	-0.491954

Lampiran 4

Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	4030.604404	(5,37)	0.0000
Cross-section Chi-square	302.497243	5	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOGTK

Method: Panel Least Squares

Date: 09/23/21 Time: 17:15

Sample: 2011 2018

Periods included: 8

Cross-sections included: 6

Total panel (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	17.82026	4.800184	3.712412	0.0006
PE	0.005059	0.171102	0.029565	0.9766
LOGFDI	0.064502	0.041383	1.558682	0.1266
LOGUMP	-1.243159	0.301028	-4.129716	0.0002
LOGEKS	0.128467	0.046105	2.786409	0.0080
LOGEDU	0.923230	0.170103	5.427459	0.0000
R-squared	0.536178	Mean dependent var		15.90090
Adjusted R-squared	0.480961	S.D. dependent var		0.884740
S.E. of regression	0.637405	Akaike info criterion		2.053647
Sum squared resid	17.06400	Schwarz criterion		2.287547
Log likelihood	-43.28753	Hannan-Quinn criter.		2.142038
F-statistic	9.710393	Durbin-Watson stat		0.303555
Prob(F-statistic)	0.000003			

Lampiran 5

Random Effect Model (REM)

Dependent Variable: LOGTK

Method: Panel EGLS (Cross-section random effects)

Date: 09/23/21 Time: 17:14

Sample: 2011 2018

Periods included: 8

Cross-sections included: 6

Total panel (balanced) observations: 48

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	17.82026	0.218934	81.39540	0.0000
PE	0.005059	0.007804	0.648226	0.5204
LOGFDI	0.064502	0.001887	34.17444	0.0000
LOGUMP	-1.243159	0.013730	-90.54490	0.0000
LOGEKS	0.128467	0.002103	61.09260	0.0000
LOGEDU	0.923230	0.007758	118.9982	0.0000

Effects Specification

	S.D.	Rho
Cross-section random	9.99E-07	0.0000
Idiosyncratic random	0.029072	1.0000

Weighted Statistics

R-squared	0.536178	Mean dependent var	15.90090
Adjusted R-squared	0.480961	S.D. dependent var	0.884740
S.E. of regression	0.637405	Sum squared resid	17.06400
F-statistic	9.710393	Durbin-Watson stat	0.303555
Prob(F-statistic)	0.000003		

Unweighted Statistics

R-squared	0.536178	Mean dependent var	15.90090
Sum squared resid	17.06400	Durbin-Watson stat	0.303555

Tabel Effect REM

CROSSID	Effect
1	-1.34E-09
2	-1.05E-09
3	5.51E-09
4	-8.85E-09
5	4.90E-09
6	8.39E-10

Lampiran 6

Uji Hausman

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	20153.021882	5	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
PE	-0.000254	0.005059	0.000079	0.5496
LOGFDI	0.000908	0.064502	0.000005	0.0000
LOGUMP	0.083661	-1.243159	0.001019	0.0000
LOGEKS	0.004807	0.128467	0.000026	0.0000
LOGEDU	0.042738	0.923230	0.000161	0.0000

Cross-section random effects test equation:

Dependent Variable: LOGTK

Method: Panel Least Squares

Date: 09/23/21 Time: 17:16

Sample: 2011 2018

Periods included: 8

Cross-sections included: 6

Total panel (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	14.05456	0.541414	25.95901	0.0000

PE	-0.000254	0.011822	-0.021510	0.9830
LOGFDI	0.000908	0.003006	0.302121	0.7643
LOGUMP	0.083661	0.034743	2.408039	0.0211
LOGEKS	0.004807	0.005474	0.878187	0.3855
LOGEDU	0.042738	0.014859	2.876244	0.0066

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.999150	Mean dependent var	15.90090
Adjusted R-squared	0.998920	S.D. dependent var	0.884740
S.E. of regression	0.029072	Akaike info criterion	-4.040045
Sum squared resid	0.031271	Schwarz criterion	-3.611229
Log likelihood	107.9611	Hannan-Quinn criter.	-3.877995
F-statistic	4349.267	Durbin-Watson stat	1.538321
Prob(F-statistic)	0.000000		
