LAMPIRAN

Lampiran 1

Data Penelitian

Kabupaten/Kota	Tahun	KBRD (unit)	JP (jiwa)	PP (rupiah)	INF (%)
Bantul	2007	205.295	872.866	7.343.221	7,99
	2008	264.677	886.061	7.371.861	9,88
	2009	288.495	899.312	8.060.103	2,93
	2010	314.839	911.503	9.957.620	7,38
	2011	345.948	921.263	9.960.328	3,88
	2012	377.603	934.674	10.525.019	4,31
	2013	412.665	947.072	10.040.684	7,32
	2014	467.905	959.445	11.737.394	6,59
	2015	478.448	971.511	11.058.279	3,09
Sleman	2007	322.443	1.035.032	9.947.440	7,99
	2008	394.963	1.054.751	10.095.290	9,88
	2009	424.627	1.074.673	10.179.034	2,93
	2010	460.666	1.093.110	10.308.671	7,38
	2011	502.801	1.107.304	11.189.943	3,88
	2012	541.999	1.128.943	11.652.829	4,31
	2013	590.182	1.141.733	11.969.623	7,32
	2014	615.598	1.154.501	12.531.909	6,59
	2015	671.528	1.167.481	13.153.533	3,09
Kulon Progo	2007	648.22	384.326	5.954.671	7,99
	2008	844.47	385.937	6.872.178	9,88
	2009	934.00	387.493	7.480.870	2,93
	2010	103.083	388.869	7.521.465	7,38
	2011	112.506	390.207	8.010.473	3,88
	2012	123.786	398.672	8.840.706	4,31
	2013	137.322	403.179	9.096.061	7,32
	2014	150.978	407.709	9.253.129	6,59
	2015	162.386	412.198	10.588.884	3,09

Lanjutan Lampiran 1

Gunung Kidul	2007	74.118	675.359	6.214.124	7,99
	2008	99.289	675.471	6.345.735	9,88
	2009	111.722	675.474	6.864.563	2,93
	2010	125.471	675.382	7.008.629	7,38
	2011	138.766	677.998	7.694.252	3,88
	2012	153.796	692.579	8.226.212	4,31
	2013	172.416	700.191	9.467.422	7,32
	2014	199.294	707.794	9.751.395	6,59
	2015	204.689	715.282	10.340.942	3,09
Yogyakarta	2007	249.526	391.821	7.634.671	7,99
	2008	273.538	390.783	7.855.710	9,88
	2009	288.619	389.685	8.634.943	2,93
	2010	306.182	388.627	8.852.292	7,38
	2011	323.126	390.553	9.034.557	3,88
	2012	340.350	397.594	9.793.222	4,31
	2013	361.318	402.679	10.782.819	7,32
	2014	398.207	407.667	10.989.438	6,59
	2015	399.615	412.704	11.913.734	3,09

Lampiran 2

Hasil Olah Data

1. Uji Heteroskedastisitas

Dependent Variable: RESABS
Method: Panel Least Squares
Date: 04/07/18 Time: 11:33
Sample: 2007 2015
Periods included: 9
Cross-sections included: 5
Total panel (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3,000619	5,653008	0,530800	0,5987
LOG(JP)	-0,150684	0,519386	-0,290120	0,7733
LOG(PP)	-0,059356	0,101825	-0,582920	0,5635
INF	0,003639	0,003685	0,987456	0,3298

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0,186339	Mean dependent var	0,055734
Adjusted R-squared	0,032403	S.D. dependent var	0,052404
S.E. of regression	0,051547	Akaike info criterion	-2,932815
Sum squared resid	0,098314	Schwarz criterion	-2,611631
Log likelihood	73,98834	Hannan-Quinn criter.	-2,813081
F-statistic	1,210496	Durbin-Watson stat	1,927154
Prob(F-statistic)	0,321555		

2. Uji Multikolinearitas

	LOG(JP)	LOG(PP)	INF
LOG(JP)	1,000000	0,417645	-0,024875
LOG(PP)	0,417645	1,000000	-0,333755
INF	-0,024875	-0,333755	1,000000

3. Uji Chow

Redundant Fixed Effects Tests
Equation: EQ01
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	132,212097	(4,37)	0,0000
Cross-section Chi-square	122,733372	4	0,0000

Cross-section fixed effects test equation:
Dependent Variable: LOG(KBRD)
Method: Panel Least Squares
Date: 04/07/18 Time: 11:40
Sample: 2007 2015
Periods included: 9
Cross-sections included: 5
Total panel (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-31,90062	4,034472	-7,907012	0,0000
LOG(JP)	0,341835	0,121513	2,813171	0,0075
LOG(PP)	2,468934	0,275612	8,958009	0,0000
INF	0,026034	0,021497	1,211068	0,2328

R-squared	0,774662	Mean dependent var	12,39089
Adjusted R-squared	0,758174	S.D. dependent var	0,634022
S.E. of regression	0,311786	Akaike info criterion	0,591686
Sum squared resid	3,985622	Schwarz criterion	0,752278
Log likelihood	-9,312929	Hannan-Quinn criter.	0,651553
F-statistic	46,98289	Durbin-Watson stat	0,274248
Prob(F-statistic)	0,000000		

4. Uji Hausman

Correlated Random Effects - Hausman Test
Equation: EQ01
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	10,537493	3	0,0145

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(JP)	2,611029	0,745783	0,632891	0,0190
LOG(PP)	1,110460	1,428390	0,016681	0,0138
INF	-0,002514	-0,001924	0,000000	0,0045

Cross-section random effects test equation:
Dependent Variable: LOG(KBRD)
Method: Panel Least Squares
Date: 04/07/18 Time: 11:41
Sample: 2007 2015
Periods included: 9
Cross-sections included: 5
Total panel (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-40,30991	9,203861	-4,379674	0,0001
LOG(JP)	2,611029	0,845630	3,087673	0,0038
LOG(PP)	1,110460	0,165785	6,698213	0,0000
INF	-0,002514	0,005999	-0,419058	0,6776

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0,985265	Mean dependent var	12,39089
Adjusted R-squared	0,982478	S.D. dependent var	0,634022
S.E. of regression	0,083926	Akaike info criterion	-1,957945
Sum squared resid	0,260614	Schwarz criterion	-1,636760
Log likelihood	52,05376	Hannan-Quinn criter.	-1,838210
F-statistic	353,4438	Durbin-Watson stat	1,344154
Prob(F-statistic)	0,000000		

5. *Common Effect Model*

Dependent Variable: LOG(KBRD)
Method: Panel Least Squares
Date: 04/07/18 Time: 11:37
Sample: 2007 2015
Periods included: 9
Cross-sections included: 5
Total panel (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-31,90062	4,034472	-7,907012	0,0000
LOG(JP)	0,341835	0,121513	2,813171	0,0075
LOG(PP)	2,468934	0,275612	8,958009	0,0000
INF	0,026034	0,021497	1,211068	0,2328

R-squared	0,774662	Mean dependent var	12,39089
Adjusted R-squared	0,758174	S.D. dependent var	0,634022
S.E. of regression	0,311786	Akaike info criterion	0,591686
Sum squared resid	3,985622	Schwarz criterion	0,752278
Log likelihood	-9,312929	Hannan-Quinn criter.	0,651553
F-statistic	46,98289	Durbin-Watson stat	0,274248
Prob(F-statistic)	0,000000		

6. *Fixed Effect Model*

Dependent Variable: LOG(KBRD)
Method: Panel Least Squares
Date: 04/07/18 Time: 11:38
Sample: 2007 2015
Periods included: 9
Cross-sections included: 5
Total panel (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-40,30991	9,203861	-4,379674	0,0001
LOG(JP)	2,611029	0,845630	3,087673	0,0038
LOG(PP)	1,110460	0,165785	6,698213	0,0000
INF	-0,002514	0,005999	-0,419058	0,6776

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0,985265	Mean dependent var	12,39089
Adjusted R-squared	0,982478	S.D. dependent var	0,634022
S.E. of regression	0,083926	Akaike info criterion	-1,957945
Sum squared resid	0,260614	Schwarz criterion	-1,636760
Log likelihood	52,05376	Hannan-Quinn criter.	-1,838210
F-statistic	353,4438	Durbin-Watson stat	1,344154
Prob(F-statistic)	0,000000		

7. *Random Effect Model*

Dependent Variable: LOG(KBRD)
Method: Panel EGLS (Cross-section random effects)
Date: 04/07/18 Time: 11:39
Sample: 2007 2015
Periods included: 9
Cross-sections included: 5
Total panel (balanced) observations: 45
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-20,46226	3,350424	-6,107365	0,0000
LOG(JP)	0,745783	0,286704	2,601227	0,0129
LOG(PP)	1,428390	0,103938	13,74276	0,0000
INF	-0,001924	0,005996	-0,320912	0,7499

	Effects Specification	
	S.D.	Rho
Cross-section random	0,278985	0,9170
Idiosyncratic random	0,083926	0,0830

Weighted Statistics

R-squared	0,884287	Mean dependent var	1,236304
Adjusted R-squared	0,875821	S.D. dependent var	0,261787
S.E. of regression	0,092251	Sum squared resid	0,348923
F-statistic	104,4421	Durbin-Watson stat	1,227287
Prob(F-statistic)	0,000000		

Unweighted Statistics

R-squared	0,677103	Mean dependent var	12,39089
Sum squared resid	5,711163	Durbin-Watson stat	0,074981

8. Representation

Estimation Command:
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LS(CX=F) LOG(KBRD?) LOG(JP?) LOG(PP?) INF?

Estimation Equations:
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LOG(KBRD_BANTUL) = C(5) + C(1) + C(2)*LOG(JP_BANTUL) + C(3)*LOG(PP_BANTUL) + C(4)*INF_BANTUL

LOG(KBRD_SLEMAN) = C(6) + C(1) + C(2)*LOG(JP_SLEMAN) + C(3)*LOG(PP_SLEMAN) + C(4)*INF_SLEMAN

LOG(KBRD_KULONPROGO) = C(7) + C(1) + C(2)*LOG(JP_KULONPROGO) + C(3)*LOG(PP_KULONPROGO) + C(4)*INF_KULONPROGO

LOG(KBRD_GUNUNGKIDUL) = C(8) + C(1) + C(2)*LOG(JP_GUNUNGKIDUL) + C(3)*LOG(PP_GUNUNGKIDUL) + C(4)*INF_GUNUNGKIDUL

LOG(KBRD_YOGYAKARTA) = C(9) + C(1) + C(2)*LOG(JP_YOGYAKARTA) + C(3)*LOG(PP_YOGYAKARTA) + C(4)*INF_YOGYAKARTA

Substituted Coefficients:
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LOG(KBRD_BANTUL) = -0,63568407773 – 40,3099122753 + 2,61102888477*LOG(JP_BANTUL) + 1,11046022495*LOG(PP_BANTUL) – 0,00251404608316*INF_BANTUL

LOG(KBRD_SLEMAN) = -0,927376913804 – 40,3099122753 + 2,61102888477*LOG(JP_SLEMAN) + 1,11046022495*LOG(PP_SLEMAN) – 0,00251404608316*INF_SLEMAN

LOG(KBRD_KULONPROGO) = 0,628495495387 – 40,3099122753 + 2,61102888477*LOG(JP_KULONPROGO) + 1,11046022495*LOG(PP_KULONPROGO) – 0,00251404608316*INF_KULONPROGO

LOG(KBRD_GUNUNGKIDUL) = -0,586213498333 – 40,3099122753 + 2,61102888477*LOG(JP_GUNUNGKIDUL) + 1,11046022495*LOG(PP_GUNUNGKIDUL) – 0,00251404608316*INF_GUNUNGKIDUL

LOG(KBRD_YOGYAKARTA) = 1,52077899448 – 40,3099122753 + 2,61102888477*LOG(JP_YOGYAKARTA) + 1,11046022495*LOG(PP_YOGYAKARTA) – 0,00251404608316*INF_YOGYAKARTA