

## LAMPIRAN

### Lampiran 1

#### Data Analisis

Kabupaten/kota	Tahun	IPM	Gkes (%)	Gpen (%)	IDG (poin)	Infrastruktur (%)
Bengkulu Selatan	2010	65.84	15.50	37.61	61.92	28.84
	2011	66.50	12.82	43.78	61.45	56.77
	2012	66.77	13.06	37.14	62.06	25.30
	2013	67.61	11.97	40.01	63.45	91.82
	2014	68.28	10.63	40.4	58.63	88.34
Rejang Lebong	2010	64.19	21.62	33.6	55.81	46.13
	2011	64.92	11.36	51.00	62.42	66.39
	2012	65.51	10.62	36.11	56.69	64.18
	2013	66.11	11.15	35.62	57.23	55.93
	2014	66.55	11.61	35.57	57.76	55.93
Bengkulu Utara	2010	63.50	10.74	32.98	61.43	41.13
	2011	64.61	12.23	34.52	62.30	44.16
	2012	65.47	12.43	32.90	64.38	36.11
	2013	66.67	13.29	33.07	64.81	44.06
	2014	67.27	11.61	34.82	65.15	52.20
Kaur	2010	61.39	7.10	30.89	59.31	44.36
	2011	61.85	6.82	30.16	57.95	33.36
	2012	62.32	8.58	29.93	60.05	76.83
	2013	63.17	7.70	28.98	60.77	68.25
	2014	63.75	8.87	28.45	61.69	69.48
Seluma	2010	60.27	7.17	34.07	58.27	10.84
	2011	61.01	6.53	32.74	58.2	24.31
	2012	61.55	6.94	37.45	58.98	24.31
	2013	62.10	8.84	31.54	68.56	24.31
	2014	62.94	7.97	29.06	66.86	24.14
Muko-Muko	2010	62.95	12.62	30.43	47.43	75.57
	2011	63.71	9.13	32.09	47.60	63.64

	2012	64.16	16.95	23.90	54.27	73.59
	2013	64.79	11.01	23.89	54.21	74.93
	2014	65.31	12.66	26.49	59.74	82.90
Lebong	2010	61.87	5.93	28.18	68.00	30.99
	2011	62.43	6.31	28.50	73.07	54.55
	2012	62.84	7.33	29.48	69.50	55.20
	2013	63.15	6.84	26.00	69.77	54.69
	2014	63.90	7.81	24.34	77.91	53.39
Kepahiang	2010	62.60	8.81	35.77	66.31	63.26
	2011	63.44	9.30	28.84	67.28	73.50
	2012	63.86	9.48	29.07	67.70	52.95
	2013	64.44	9.98	31.17	66.65	74,00
	2014	65.22	9.91	28.25	77.61	65.78
Bengkulu Tengah	2010	61.70	9.85	26.92	48.95	16.04
	2011	62.54	8.78	35.88	55.81	16.04
	2012	63.12	7.29	32.37	62.70	16.04
	2013	63.71	7.83	29.46	64.50	19.57
	2014	64.10	8.19	29.86	66.22	21.75
Kota Bengkulu	2010	74.92	7.16	41.86	66.03	73.83
	2011	75.31	7.27	44.71	74.63	61.26
	2012	75.71	6.89	41.55	75.21	59.19
	2013	76.16	6.83	40.29	75.64	60.98
	2014	76.49	8.23	42.39	75.97	60.98

## Lampiran 2

### Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	79.990738	(9,36)	0.0000
Cross-section Chi-square	152.220608	9	0.0000

Cross-section fixed effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 01/20/17 Time: 20:39

Sample: 2010 2014

Included observations: 5

Cross-sections included: 10

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	35.95991	4.472979	8.039364	0.0000
GPEN?	0.098052	0.138549	0.707703	0.4828
GKES?	0.359772	0.065372	5.503480	0.0000
IDG?	0.215868	0.057309	3.766724	0.0005
INFRA?	0.051721	0.018065	2.863039	0.0063
R-squared	0.602211	Mean dependent var		65.17160
Adjusted R-squared	0.566852	S.D. dependent var		3.980555
S.E. of regression	2.619762	Akaike info criterion		4.858683
Sum squared resid	308.8418	Schwarz criterion		5.049886
Log likelihood	-116.4671	Hannan-Quinn criter.		4.931494
F-statistic	17.03133	Durbin-Watson stat		0.841110
Prob(F-statistic)	0.000000			

### Lampiran 3

#### 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	17.962318	4	0.0013

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
GPEN?	-0.107043	-0.079395	0.000153	0.0254
GKES?	-0.095758	-0.065894	0.000057	0.0001
IDG?	0.130327	0.137132	0.000025	0.1725
INFRA?	0.027817	0.029168	0.000002	0.3613

Cross-section random effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 01/20/17 Time: 20:51

Sample: 2010 2014

Included observations: 5

Cross-sections included: 10

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	59.75320	2.183243	27.36900	0.0000
GPEN?	-0.107043	0.056873	-1.882162	0.0679
GKES?	-0.095758	0.033173	-2.886663	0.0065
IDG?	0.130327	0.024673	5.282144	0.0000
INFRA?	0.027817	0.007869	3.534927	0.0011

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.981056	Mean dependent var	65.17160
Adjusted R-squared	0.974215	S.D. dependent var	3.980555
S.E. of regression	0.639192	Akaike info criterion	2.174271
Sum squared resid	14.70837	Schwarz criterion	2.709637
Log likelihood	-40.35678	Hannan-Quinn criter.	2.378142
F-statistic	143.4074	Durbin-Watson stat	1.487267
Prob(F-statistic)	0.000000		

## Lampiran 4

### Common Effect Model

Dependent Variable: IPM?  
Method: Pooled Least Squares  
Date: 01/20/17 Time: 21:21  
Sample: 2010 2014  
Included observations: 5  
Cross-sections included: 10  
Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	35.95991	4.472979	8.039364	0.0000
GPEN?	0.098052	0.138549	0.707703	0.4828
GKES?	0.359772	0.065372	5.503480	0.0000
IDG?	0.215868	0.057309	3.766724	0.0005
INFRA?	0.051721	0.018065	2.863039	0.0063
R-squared	0.602211	Mean dependent var		65.17160
Adjusted R-squared	0.566852	S.D. dependent var		3.980555
S.E. of regression	2.619762	Akaike info criterion		4.858683
Sum squared resid	308.8418	Schwarz criterion		5.049886
Log likelihood	-116.4671	Hannan-Quinn criter.		4.931494
F-statistic	17.03133	Durbin-Watson stat		0.841110
Prob(F-statistic)	0.000000			

## Lampiran 5

### Fixed Effect Model

Dependent Variable: IPM?  
 Method: Pooled Least Squares  
 Date: 01/20/17 Time: 21:28  
 Sample: 2010 2014  
 Included observations: 5  
 Cross-sections included: 10  
 Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	59.75320	2.183243	27.36900	0.0000
GPEN?	-0.107043	0.056873	-1.882162	0.0679
GKES?	-0.095758	0.033173	-2.886663	0.0065
IDG?	0.130327	0.024673	5.282144	0.0000
INFRA?	0.027817	0.007869	3.534927	0.0011
Fixed Effects (Cross)				
_BENGKULUSELATA				
N--C	2.791859			
_REJANGLEBONG--C	1.636700			
_BENGKULUUTARA-				
-C	0.763230			
_KAUR--C	-3.018150			
_SELUMA--C	-2.923403			
_MUKOMUKO--C	-0.537655			
_LEBONG--C	-4.290602			
_KEPAHIANG--C	-2.732568			
_BENGKULUTENGA				
H--C	-1.132355			
_KOTABENGKULU--				
C	9.442945			

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.981056	Mean dependent var	65.17160
Adjusted R-squared	0.974215	S.D. dependent var	3.980555
S.E. of regression	0.639192	Akaike info criterion	2.174271
Sum squared resid	14.70837	Schwarz criterion	2.709637
Log likelihood	-40.35678	Hannan-Quinn criter.	2.378142
F-statistic	143.4074	Durbin-Watson stat	1.487267
Prob(F-statistic)	0.000000		

## Lampiran 6

### Random Effect Model

Dependent Variable: IPM?

Method: Pooled EGLS (Cross-section random effects)

Date: 01/20/17 Time: 21:32

Sample: 2010 2014

Included observations: 5

Cross-sections included: 10

Total pool (balanced) observations: 50

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	57.98970	2.266725	25.58303	0.0000
GPEN?	-0.079395	0.055511	-1.430267	0.1595
GKES?	-0.065894	0.032295	-2.040397	0.0472
IDG?	0.137132	0.024164	5.675120	0.0000
INFRA?	0.029168	0.007729	3.773949	0.0005
Random Effects (Cross)				
_BENGKULUSELATAN--C	2.482307			
_REJANGLEBONG--C	1.395499			
_BENGKULUUTARA--C	0.687056			
_KAUR--C	-2.805781			
_SELUMA--C	-2.766160			
_MUKOMUKO--C	-0.389227			
_LEBONG--C	-4.031401			
_KEPAHIANG--C	-2.668944			
_BENGKULUTENGAH--C	-0.940653			
_KOTABENGKULU--C	9.037303			

Effects Specification		S.D.	Rho
Cross-section random		2.447026	0.9361
Idiosyncratic random		0.639192	0.0639

Weighted Statistics			
R-squared	0.509600	Mean dependent var	7.561756
Adjusted R-squared	0.466009	S.D. dependent var	1.001256
S.E. of regression	0.731665	Sum squared resid	24.08999
F-statistic	11.69045	Durbin-Watson stat	0.937829
Prob(F-statistic)	0.000001		

Unweighted Statistics			
R-squared	0.119106	Mean dependent var	65.17160
Sum squared resid	683.9230	Durbin-Watson stat	0.033033

## Lampiran 7

### Uji Heterokedastisitas

Dependent Variable: RESID?  
Method: Pooled Least Squares  
Date: 1/21/17 Time: 17:08  
Sample: 2010 2014  
Included observations: 5  
Cross-sections included: 10  
Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.023410	1.025377	0.998082	0.3249
GPEN?	-0.020671	0.026711	-0.773873	0.4441
GKES?	0.008975	0.015580	0.576091	0.5681
IDG?	-0.015577	0.011588	-1.344262	0.1873
INFRA?	0.005472	0.003696	1.480494	0.1474
Fixed Effects (Cross)				
_BENGKULUSELATA				
N--C	-0.064285			
_REJANGLEBONG--C	-0.091861			
_BENGKULUUTARA-				
-C	0.675825			
_KAUR--C	-0.040390			
_SELUMA--C	0.104775			
_MUKOMUKO--C	-0.368248			
_LEBONG--C	-0.001868			
_KEPAHIANG--C	0.050178			
_BENGKULUTENGA				
H--C	-0.066232			
_KOTABENGKULU--				
C	-0.197894			

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.468245	Mean dependent var	0.414902
Adjusted R-squared	0.276222	S.D. dependent var	0.352866
S.E. of regression	0.300201	Akaike info criterion	0.662768
Sum squared resid	3.244348	Schwarz criterion	1.198135
Log likelihood	-2.569208	Hannan-Quinn criter.	0.866639
F-statistic	2.438488	Durbin-Watson stat	2.347038
Prob(F-statistic)	0.017409		



## Lampiran 8

### Uji Multikolinearitas

	<b>C</b>	<b>GPEN?</b>	<b>GKES?</b>	<b>IDG?</b>	<b>INFRA?</b>
<b>C</b>	4.7665	-0.0547	-0.0490	-0.0398	-0.0013
<b>GPEN?</b>	-0.0547	0.0032	0.0006	-5.5877e-05	6.9407e-05
<b>GKES?</b>	-0.0490	0.0006	0.0011	0.0001	-1.7794e-05
<b>IDG?</b>	-0.0398	-5.5877e-05	0.0001	0.0006	-2.9761e-05
<b>INFRA?</b>	-0.0013	6.9407e-05	-1.7794e-05	-2.9761e-05	6.1922e-05