

# LAMPIRAN

**LAMPIRAN 1****DATA**

<b>Kabupaten/Kota</b>	<b>Tahun</b>	<b>Indeks Pembangunan Manusia</b>	<b>Kemiskinan (Jiwa)</b>	<b>Pengeluaran Pemerintah Bidang Pendidikan (Juta Rupiah)</b>	<b>Pengeluaran Pemerintah Bidang Kesehatan (Juta Rupiah)</b>
<b>Morowali</b>	2011	66,03	38.800	181.546	55.895
	2012	66,48	37.700	229.170	79.546
	2013	66,86	35.400	286.698	103.606
	2014	67,91	34.000	165.024	45.575
	2015	69,12	17.790	179.207	69.563
<b>Poso</b>	2011	65,59	43.000	203.523	63.057
	2012	66,2	40.800	309.403	64.900
	2013	66,94	41.300	292.701	74.818
	2014	67,65	39.600	358.316	75.621
	2015	68,13	42.640	378.715	107.214
<b>Donggala</b>	2011	60,15	51.100	253.317	46.027
	2012	61,33	48.400	281.470	48.936
	2013	63,38	49.600	316.057	59.524
	2014	63,55	47.600	334.230	80.681
	2015	63,82	54.170	363.932	94.180
<b>Buol</b>	2011	63,03	23.500	148.604	40.675
	2012	63,98	22.600	175.308	48.228
	2013	64,5	21.600	181.993	53.181
	2014	65,41	20.800	200.566	61.766
	2015	65,61	24.310	222.956	72.801
<b>Parigi Moutong</b>	2011	60,36	79.100	188.299	51.842
	2012	61,13	75.000	232.396	66.153
	2013	61,98	75.500	208.000	84.535
	2014	62,2	75.000	331.149	123.985
	2015	62,79	82.610	364.424	162.696
<b>Tojo Una-Una</b>	2011	58,87	31.500	149.387	45.426
	2012	59,55	29.900	166.853	51.099
	2013	60,32	29.700	183.586	64.096
	2014	61,15	27.700	210.563	83.974
	2015	61,33	27.620	223.246	102.597

<b>Sigi</b>	2011	61,76	30.800	171.610	57.307
	2012	62,88	29.200	230.435	44.273
	2013	64,1	27.600	256.535	48.552
	2014	64,64	26.500	266.134	55.570
	2015	65,35	29.140	306.070	64.808
<b>Palu</b>	2011	78,1	31.800	295.732	86.148
	2012	78,36	30.100	348.282	112.120
	2013	78,65	25.900	426.904	228.968
	2014	79,12	25.700	441.784	178.179
	2015	79,63	27.190	488.357	200.058

## LAMPIRAN 2

### Uji Heteroskedastisitas

Dependent Variable: RESID?

Method: Pooled Least Squares

Date: 12/20/16 Time: 14:20

Sample: 2011 2015

Included observations: 5

Cross-sections included: 8

Total pool (balanced) observations: 40

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Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-8.241316	7.003891	-1.176677	0.2489
LOG(KM?)	0.844576	0.521670	1.618985	0.1163
LOG(PPP?)	0.237171	0.395157	0.600194	0.5530
LOG(PPK?)	-0.274670	0.153767	-1.786271	0.0845
Fixed Effects (Cross)				
_MOROWALI--C	0.343329			
_POSO--C	-0.339241			
_DONGGALA--C	0.054339			
_BUOL--C	0.293784			
_PARIGIMOUTONG--C	-0.737590			
_TOJOUNAUNA--C	-0.072875			
_SIGI--C	0.145011			
_PALU--C	0.313243			

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#### Effects Specification

Cross-section fixed (dummy variables)

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R-squared	0.351996	Mean dependent var	0.469083
Adjusted R-squared	0.128547	S.D. dependent var	0.402800
S.E. of regression	0.376020	Akaike info criterion	1.110068
Sum squared resid	4.100341	Schwarz criterion	1.574510
Log likelihood	-11.20135	Hannan-Quinn criter.	1.277995
F-statistic	1.575284	Durbin-Watson stat	1.959088
Prob(F-statistic)	0.163978		

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## LAMPIRAN 3

### Uji Multikolinearitas

Covariance Analysis: Ordinary

Date: 01/16/17 Time: 11:35

Sample: 2011 2015

Included observations: 40

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Correlation	IPM	KM	PPP	PPK
IPM	1.000000			
KM	-0.341052	1.000000		
PPP	0.639454	0.146444	1.000000	
PPK	0.152452	0.157186	0.416522	1.000000

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## LAMPIRAN 4

### *Fixed Effect Model*

Dependent Variable: IPM?

Method: Pooled Least Squares

Date: 12/20/16 Time: 14:14

Sample: 2011 2015

Included observations: 5

Cross-sections included: 8

Total pool (balanced) observations: 40

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Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	64.27337	13.45357	4.777420	0.0000
LOG(KM?)	-3.808305	1.002060	-3.800474	0.0007
LOG(PPP?)	2.911272	0.759046	3.835435	0.0006
LOG(PPK?)	0.458145	0.295367	1.551106	0.1317
Fixed Effects (Cross)				
_MOROWALI--C	1.769319			
_POSO--C	1.240046			
_DONGGALA--C	-2.675190			
_BUOL--C	-1.888577			
_PARIGIMOUTONG--C	-1.191755			
_TOJOUNAUNA--C	-5.256780			
_SIGI--C	-2.525143			
_PALU--C	10.52808			

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#### Effects Specification

Cross-section fixed (dummy variables)

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R-squared	0.987655	Mean dependent var	65.69850
Adjusted R-squared	0.983398	S.D. dependent var	5.605726
S.E. of regression	0.722286	Akaike info criterion	2.415626
Sum squared resid	15.12922	Schwarz criterion	2.880067
Log likelihood	-37.31251	Hannan-Quinn criter.	2.583553
F-statistic	232.0145	Durbin-Watson stat	1.930763
Prob(F-statistic)	0.000000		

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## LAMPIRAN 5

### *Random Effect Model*

Dependent Variable: IPM?

Method: Pooled EGLS (Cross-section random effects)

Date: 12/20/16 Time: 14:14

Sample: 2011 2015

Included observations: 5

Cross-sections included: 8

Total pool (balanced) observations: 40

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	63.23663	12.97768	4.872722	0.0000
LOG(KM?)	-3.955835	0.955323	-4.140836	0.0002
LOG(PPP?)	3.127133	0.752800	4.154002	0.0002
LOG(PPK?)	0.449254	0.294932	1.523244	0.1364
Random Effects (Cross)				
_MOROWALI--C	1.777680			
_POSO--C	1.210313			
_DONGGALA--C	-2.642207			
_BUOL--C	-1.875745			
_PARIGIMOUTONG--C	-1.070937			
_TOJOUNAUNA--C	-5.173338			
_SIGI--C	-2.529739			
_PALU--C	10.30397			

Effects Specification		S.D.	Rho
Cross-section random		3.335335	0.9552
Idiosyncratic random		0.722286	0.0448

Weighted Statistics			
R-squared	0.582993	Mean dependent var	6.333051
Adjusted R-squared	0.548242	S.D. dependent var	1.177963
S.E. of regression	0.791743	Sum squared resid	22.56687
F-statistic	16.77648	Durbin-Watson stat	1.379900
Prob(F-statistic)	0.000001		

Unweighted Statistics			
R-squared	0.340785	Mean dependent var	65.69850
Sum squared resid	807.8965	Durbin-Watson stat	0.038545

## LAMPIRAN 6

### Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	134.854210	(7,29)	0.0000
Cross-section Chi-square	140.522686	7	0.0000

Cross-section fixed effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 12/20/16 Time: 14:16

Sample: 2011 2015

Included observations: 5

Cross-sections included: 8

Total pool (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-10.22659	26.46341	-0.386443	0.7014
LOG(KM?)	-7.126752	1.569435	-4.540967	0.0001
LOG(PPP?)	11.31703	2.573537	4.397460	0.0001
LOG(PPK?)	0.883230	1.379467	0.640269	0.5261

R-squared	0.585815	Mean dependent var	65.69850
Adjusted R-squared	0.551300	S.D. dependent var	5.605726
S.E. of regression	3.754999	Akaike info criterion	5.578693
Sum squared resid	507.6007	Schwarz criterion	5.747581
Log likelihood	-107.5739	Hannan-Quinn criter.	5.639757
F-statistic	16.97259	Durbin-Watson stat	0.473122
Prob(F-statistic)	0.000000		



## LAMPIRAN 7

### 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	10.256638	3	0.0165

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(KM?)	-3.808305	-3.955835	0.091483	0.6257
LOG(PPP?)	2.911272	3.127133	0.009443	0.0263
LOG(PPK?)	0.458145	0.449254	0.000257	0.5789

Cross-section random effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 12/20/16 Time: 14:15

Sample: 2011 2015

Included observations: 5

Cross-sections included: 8

Total pool (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	64.27337	13.45357	4.777420	0.0000
LOG(KM?)	-3.808305	1.002060	-3.800474	0.0007
LOG(PPP?)	2.911272	0.759046	3.835435	0.0006
LOG(PPK?)	0.458145	0.295367	1.551106	0.1317

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.987655	Mean dependent var	65.69850
Adjusted R-squared	0.983398	S.D. dependent var	5.605726
S.E. of regression	0.722286	Akaike info criterion	2.415626
Sum squared resid	15.12922	Schwarz criterion	2.880067
Log likelihood	-37.31251	Hannan-Quinn criter.	2.583553
F-statistic	232.0145	Durbin-Watson stat	1.930763
Prob(F-statistic)	0.000000		