

# LAMPIRAN

## LAMPIRAN 1

Data IPM, PDRB, Infrastruktur Listrik, dan Anggaran belanja pemerintah di bidang pendidikan Provinsi Sumatera Selatan tahun 2013-2015

No	kabupaten /kota	thn	ipm Y	pdrb X1	JPL X2	PDK X3
1	Ogan kome ring ulu	2013	65.51	7704616329027	70610	331631348504
		2014	66.21	7987734827634	74860	339411896637
		2015	67.18	8230968429634	79131	392628995140
2	Ogan kome ring ilir	2013	63.52	15135836238453	53059	517620561308
		2014	63.87	15902781034852	58117	552619324939
		2015	64.73	16668453026491	62522	629007401686
3	Muara enim	2013	64.34	18158763745295	54664	560860921787
		2014	65.02	19041413826305	58382	558881450333
		2015	65.82	21253272492634	62825	566936700168
4	Lahat	2013	64.15	9937393028403	52770	446440090823
		2014	64.52	10317907103042	56482	527714193336
		2015	65.25	10537523927452	59571	514801445292
5	Musi rawas	2013	62.23	8788573420164	180301	379422933982
		2014	63.19	9510083028452	190549	246521016192
		2015	64.11	10249702328649	200448	362893053709
6	Musi banyuasin	2013	64.18	16683313294529	37151	637797326653
		2014	64.93	18397352936452	39497	691956569076
		2015	65.76	19272817593027	42063	656614522680
7	Banyuasin	2013	62.42	15628963294764	97304	574524471494
		2014	63.21	16380593628910	115884	618848949828
		2015	64.15	17236002319254	129947	622367887334
8	Oku selatan	2013	61.58	6267952935498	37576	220607648458
		2014	61.94	4503083482763	41072	260198420630
		2015	62.57	4707443018354	44940	270773272500
9	Oku timur	2013	66.09	7435453954028	58654	382136256556
		2014	66.74	7821523874524	63930	477692097570
		2015	67.17	8354953825638	67930	491256997233
10	Ogan ilir	2013	63.64	5492924639264	58364	408100952734
		2014	64.49	5852734629463	63594	415357559428
		2015	65.35	6122372945290	66484	447228770106
11	Empat lawang	2013	62.74	4721113945223	40259	153028142088
		2014	63.17	4836124835240	44615	180222492370
		2015	63.55	4963783026400	48947	206791397344
12	Palembang	2013	75.49	74193373845294	406251	1222085548574
		2014	76.02	78079092475975	437904	1307234345300
		2015	76.29	82329663492044	469911	1464014170736
13	Prabumulih	2013	71.87	3674194829112	77060	161879580201
		2014	72.2	4097014319030	83277	216093698221
		2015	73.19	4295415392340	88370	234616193612
14	Pagar alam	2013	64.14	1735061036421	40879	128219341556
		2014	64.75	1814403298453	44772	138984880900
		2015	65.37	1892923892341	47495	133134621011
15	Lubuk linggau	2013	72.55	3042988399263	67689	203602843509
		2014	72.84	3235627354921	71897	236762238412
		2015	73.17	3439780037299	76342	249642622537

## LAMPIRAN 2

### UJI RANDOM

Dependent Variable: LOG(IPM?)  
 Method: Pooled EGLS (Cross-section random effects)  
 Date: 11/17/17 Time: 19:53  
 Sample: 2013 2015  
 Included observations: 3  
 Cross-sections included: 15  
 Total pool (balanced) observations: 45  
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.006743	0.181049	16.60735	0.0000
LOG(PDRB?)	0.012998	0.010048	1.293596	0.2030
LOG(JPL?)	0.109538	0.012041	9.097255	0.0000
LOG(PNDK?)	-0.008273	0.007869	-1.051252	0.2993
Random Effects (Cross)				
_OGANKOMERINGULU				
--C	0.001471			
_OGANKOMERINGILIR-				
-C	-0.009984			
_MUARAENIM--C	0.001698			
_LAHAT--C	0.006921			
_MUSIRAWAS--C	-0.151810			
_MUSIBANYUASIN--C	0.045331			
_BANYUASIN--C	-0.096009			
_OKUSELATAN--C	0.003452			
_OKUTIMUR--C	0.027211			
_OGANILIR--C	-0.001306			
_EMPATLAWANG--C	0.010661			
_PALEMBANG--C	-0.074835			
_PRABUMULIH--C	0.082801			
_PAGARALAM--C	0.046355			
_LUBUKLINGGAU--C	0.108043			

Effects Specification		S.D.	Rho
Cross-section random		0.054979	0.9946
Idiosyncratic random		0.004057	0.0054

Weighted Statistics			
R-squared	0.761193	Mean dependent var	0.178424
Adjusted R-squared	0.743720	S.D. dependent var	0.008860
S.E. of regression	0.004485	Sum squared resid	0.000825
F-statistic	43.56232	Durbin-Watson stat	1.112569
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	-0.207014	Mean dependent var	4.191669
Sum squared resid	0.186013	Durbin-Watson stat	0.004934

## LAMPIRAN 3

### HAUSMAN TES

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	12.114961	3	0.0070

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(PDRB?)	0.026274	0.012998	0.000039	0.0328
LOG(JPL?)	0.115928	0.109538	0.000038	0.2989
LOG(PNDK?)	-0.009867	-0.008273	0.000007	0.5415

Cross-section random effects test equation:

Dependent Variable: LOG(IPM?)

Method: Panel Least Squares

Date: 11/17/17 Time: 19:50

Sample: 2013 2015

Included observations: 3

Cross-sections included: 15

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2.795925	0.203212	13.75866	0.0000
LOG(PDRB?)	0.026274	0.011817	2.223378	0.0348
LOG(JPL?)	0.115928	0.013521	8.573957	0.0000
LOG(PNDK?)	-0.009867	0.008291	-1.190045	0.2444

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.997116	Mean dependent var	4.191669
Adjusted R-squared	0.995300	S.D. dependent var	0.059182
S.E. of regression	0.004057	Akaike info criterion	-7.887520
Sum squared resid	0.000444	Schwarz criterion	-7.164855
Log likelihood	195.4692	Hannan-Quinn criter.	-7.618117
F-statistic	549.1553	Durbin-Watson stat	2.027966
Prob(F-statistic)	0.000000		

## LAMPIRAN 4

### UJI CHOW

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	439.329831	(14,27)	0.0000
Cross-section Chi-square	244.478300	14	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(IPM?)

Method: Panel Least Squares

Date: 11/17/17 Time: 19:53

Sample: 2013 2015

Included observations: 3

Cross-sections included: 15

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.036777	0.701006	4.332029	0.0001
LOG(PDRB?)	-0.033874	0.026374	-1.284362	0.2062
LOG(JPL?)	0.064318	0.015018	4.282648	0.0001
LOG(PNDK?)	0.033670	0.037115	0.907185	0.3696
R-squared	0.340184	Mean dependent var		4.191669
Adjusted R-squared	0.291905	S.D. dependent var		0.059182
S.E. of regression	0.049801	Akaike info criterion		-3.076891
Sum squared resid	0.101684	Schwarz criterion		-2.916298
Log likelihood	73.23004	Hannan-Quinn criter.		-3.017024
F-statistic	7.046184	Durbin-Watson stat		0.032643
Prob(F-statistic)	0.000629			

## LAMPIRAN 5

### UJI FIX

Dependent Variable: LOG(IPM?)

Method: Pooled Least Squares

Date: 11/17/17 Time: 19:54

Sample: 2013 2015

Included observations: 3

Cross-sections included: 15

Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2.795925	0.203212	13.75866	0.0000
LOG(PDRB?)	0.026274	0.011817	2.223378	0.0348
LOG(JPL?)	0.115928	0.013521	8.573957	0.0000
LOG(PNDK?)	-0.009867	0.008291	-1.190045	0.2444
Fixed Effects (Cross)				
_OGANKOMERINGULU				
--C	0.002578			
_OGANKOMERINGILIR-				
-C	-0.015659			
_MUARAENIM--C	-0.006724			
_LAHAT--C	0.007047			
_MUSIRAWAS--C	-0.159412			
_MUSIBANYUASIN--C	0.040716			
_BANYUASIN--C	-0.106472			
_OKUSELATAN--C	0.013757			
_OKUTIMUR--C	0.029982			
_OGANILIR--C	0.005391			
_EMPATLAWANG--C	0.020645			
_PALEMBANG--C	-0.113342			
_PRABUMULIH--C	0.091622			
_PAGARALAM--C	0.068996			
_LUBUKLINGGAU--C	0.120876			

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.997116	Mean dependent var	4.191669
Adjusted R-squared	0.995300	S.D. dependent var	0.059182
S.E. of regression	0.004057	Akaike info criterion	-7.887520
Sum squared resid	0.000444	Schwarz criterion	-7.164855
Log likelihood	195.4692	Hannan-Quinn criter.	-7.618117
F-statistic	549.1553	Durbin-Watson stat	2.027966
Prob(F-statistic)	0.000000		

## LAMPIRAN 6

### UJI HETERO

Dependent Variable: LOG(RESID?)  
Method: Pooled Least Squares  
Date: 11/17/17 Time: 19:28  
Sample: 2013 2015  
Included observations: 3  
Cross-sections included: 15  
Total pool (balanced) observations: 45

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-76.78050	65.25080	-1.176698	0.2496
LOG(PDRB?)	3.063481	3.794388	0.807372	0.4265
LOG(JPL?)	-3.304563	4.341525	-0.761153	0.4532
LOG(PNDK?)	2.454544	2.662308	0.921961	0.3647
Fixed Effects (Cross)				
_OGANKOMERINGULU				
--C	1.449162			
_OGANKOMERINGILIR-				
-C	-3.265784			
_MUARAENIM--C	-4.975907			
_LAHAT--C	-2.247412			
_MUSIRAWAS--C	4.379403			
_MUSIBANYUASIN--C	-5.716820			
_BANYUASIN--C	-0.866632			
_OKUSELATAN--C	1.066438			
_OKUTIMUR--C	-1.479632			
_OGANILIR--C	1.244596			
_EMPATLAWANG--C	0.890369			
_PALEMBANG--C	-3.544405			
_PRABUMULIH--C	4.578654			
_PAGARALAM--C	4.609969			
_LUBUKLINGGAU--C	3.877998			

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.359774	Mean dependent var	-6.434847
Adjusted R-squared	-0.043331	S.D. dependent var	1.275387
S.E. of regression	1.302726	Akaike info criterion	3.655969
Sum squared resid	45.82154	Schwarz criterion	4.378634
Log likelihood	-64.25930	Hannan-Quinn criter.	3.925371
F-statistic	0.892507	Durbin-Watson stat	4.195656
Prob(F-statistic)	0.587909		

## LAMPIRAN 7

### UJI MULTI

	PNDK	PDRB	JPL
PNDK	1.000000	0.737519	0.765199
PDRB	0.737519	1.000000	0.792363
JPL	0.765199	0.792363	1.000000