

LAMPIRAN

LAMPIRAN 1:

Kabupaten/Kota	TAHUN	IPM	PDRB (jutaan Rupiah)	Pengeluaran Pemerintah bidang Pendidikan (Jutaan Rupiah)	Pengeluaran Pemerintah bidang Kesehatan (jutaan Rupiah)	Jumlah Penduduk miskin (Ribu jiwa)
Kuantan Singingi	2011	7.46	17307006	303095	34813	31.07
	2012	7.68	18333198	293495	64541	31.26
	2013	7.70	19336933	355218	77339	34.71
	2014	8.17	20331154	377568	83357	33.52
	2015	8.18	19896348	560514	101838	34.10
	2016	8.19	20669051	423176	11284	31.22
	2017	8.20	21583844	462601	143485	31.95
Indragiri Hulu	2011	7.31	21874124	320276	56995	27.51
	2012	7.38	23708459	312654	79633	27.68
	2013	7.46	25180129	455562	99976	29.60
	2014	7.55	26571896	451529	120787	29.40
	2015	7.82	25791527	543270	152236	31.63
	2016	7.83	26741577	454885	187388	29.73
	2017	7.89	27816420	380024	184259	29.42
Indragiri Hilir	2011	6.66	30066528	492818	82204	52.82
	2012	6.70	32444458	495943	102455	53.01
	2013	6.74	34769508	493783	130795	54.18
	2014	6.81	37160800	600552	180069	52.39
	2015	6.82	37923472	616501	182115	56.85
	2016	6.94	39758402	539771	245527	56.82
	2017	7.18	41627466	463344	226389	55.40

Pelalawan	2011	7.20	25161102	222730	67653	37.59
	2012	7.41	25920879	256938	75108	38.28
	2013	7.74	27360638	355141	91419	43.55
	2014	7.82	29058309	496164	117917	42.67
	2015	8.17	29774301	517570	134788	47.53
	2016	8.18	30654906	480467	153946	45.35
	2017	8.19	31911291	397118	191043	44.40
Siak	2011	8.72	52146929	382725	108351	20.83
	2012	8.77	53226798	354961	140686	21.04
	2013	8.81	51987673	355141	153390	23.21
	2014	9.05	51485182	522425	169043	22.54
	2015	9.20	51379296	581186	172610	24.81
	2016	9.21	51558228	64517	52336	24.86
	2017	9.40	52044935	960549	450775	26.83
Kampar	2011	8.56	39378306	610464	129790	61.20
	2012	8.59	41668546	629964	125887	61.75
	2013	8.62	44297582	792469	131217	68.58
	2014	8.62	45816465	879438	172644	67.61
	2015	8.84	46314066	1030666	231799	72.22
	2016	8.85	47609043	980401	225156	67.68
	2017	9.09	49042587	741814	252966	66.33
Rokan Hulu	2011	7.24	17026716	262181	76216	52.82
	2012	7.31	18069053	292218	93110	53.55
	2013	7.38	19150561	956801	100340	59.85
	2014	7.83	20396303	464878	115443	58.29
	2015	7.84	20800664	482634	140749	64.74
	2016	7.97	21785244	488782	146854	67.42

	2017	8.18	22996276	411749	183209	69.24
Bengkalis	2011	8.34	91999289	797633	167111	34.96
	2012	8.64	91397010	459089	217944	35.25
	2013	8.76	88411085	493783	259179	40.11
	2014	8.80	85003796	925569	306181	38.82
	2015	8.82	82676674	979684	308547	40
	2016	8.83	80656528	91233	18119	37.49
	2017	8.89	79230434	768845	304453	38.19
Rokan Hilir	2011	7.30	39960804	365134	101523	43.77
	2012	7.36	41418231	403462	139308	44.02
	2013	7.42	42405063	493783	147758	47.47
	2014	7.62	44445781	577428	186966	46.07
	2015	7.62	44676806	470878	121300	49.13
	2016	7.88	45605251	426140	187058	52.40
	2017	7.89	46529651	361999	143192	53.19
Kepulauan Meranti	2011	6.27	9287924	239257	50470	63.58
	2012	6.80	9909809	214876	68182	63.85
	2013	7.33	10329760	250937	77647	64.02
	2014	7.44	10788977	289030	90083	61.07
	2015	7.45	11096269	321001	124088	61.64
	2016	7.46	11451310	340222	125097	56.18
	2017	7.47	11831782	279999	130372	53.05
Pekanbaru	2011	10.84	44845770	592317	57020	32.34
	2012	10.88	48351737	636752	69848	32.66
	2013	10.93	51053167	753432	92358	32.46
	2014	10.95	54575479	986745	163981	32.29
	2015	10.97	57616752	1002530	206080	33.76

	2016	11.20	61047255	775306	134244	32.49
	2017	11.21	64768715	708361	185624	33.09
Dumai	2011	9.42	18242262	215016	93858	13.97
	2012	9.48	18909845	234915	114000	14.11
	2013	9.54	19605667	276209	157816	13.72
	2014	9.56	20132375	315474	163716	13.62
	2015	9.57	20541693	334468	176968	14.97
	2016	9.58	21401003	69387	40687	13.76
	2017	9.67	22352640	307949	243768	13.53

LAMPIRAN II:

Common Effect Model (CEM)

Dependent Variable: IPM?
Method: Pooled Least Squares
Date: 02/28/19 Time: 13:37
Sample: 2011 2017
Included observations: 7
Cross-sections included: 12
Total pool (balanced) observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.172310	0.151885	1.134473	0.2600
PDRB?	0.012090	0.025901	0.466775	0.6419
PPDP?	0.161821	0.036137	4.477957	0.0000
PPBK?	0.000400	0.021322	0.018753	0.9851
JPM?	-0.169953	0.023353	-7.277446	0.0000
R-squared	0.538824	Mean dependent var		0.915119
Adjusted R-squared	0.515473	S.D. dependent var		0.058423
S.E. of regression	0.040667	Akaike info criterion		-3.509121
Sum squared resid	0.130651	Schwarz criterion		-3.364429
Log likelihood	152.3831	Hannan-Quinn criter.		-3.450956
F-statistic	23.07529	Durbin-Watson stat		0.139207
Prob(F-statistic)	0.000000			

Lampiran III:

Fixed Effect Model (FEM)

Dependent Variable: IPM?
 Method: Pooled Least Squares
 Date: 02/28/19 Time: 13:38
 Sample: 2011 2017
 Included observations: 7
 Cross-sections included: 12
 Total pool (balanced) observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.605946	0.195067	-3.106346	0.0028
PDRB?	0.168050	0.029055	5.783915	0.0000
PPDP?	0.046202	0.009891	4.670918	0.0000
PPBK?	0.013043	0.006082	2.144453	0.0356
JPM?	-0.043650	0.020607	-2.118220	0.0378
Fixed Effects (Cross)				
_SINGINGI--C	0.023370			
_INDRAGIRI_HULU--C	-0.031836			
_INDRAGIRI_HILIR--C	-0.089010			
_PELALAWAN--C	-0.008226			
_SIK--C	-0.011241			
_KAMPAR--C	0.001841			
_ROKAN_HULU--C	0.015296			
_BENGKALIS--C	-0.058522			
_ROKAN_HILIR--C	-0.053936			
_MERANTI--C	0.041725			
_PEKANBARU--C	0.079515			
_DUMAI--C	0.091023			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.982504	Mean dependent var	0.915119
Adjusted R-squared	0.978645	S.D. dependent var	0.058423
S.E. of regression	0.008538	Akaike info criterion	-6.519037
Sum squared resid	0.004957	Schwarz criterion	-6.056024
Log likelihood	289.7996	Hannan-Quinn criter.	-6.332910
F-statistic	254.5770	Durbin-Watson stat	1.307617
Prob(F-statistic)	0.000000		

Lampiran IV:

Dependent Variable: IPM?
 Method: Pooled EGLS (Cross-section random effects)
 Date: 02/28/19 Time: 13:39
 Sample: 2011 2017
 Included observations: 7
 Cross-sections included: 12
 Total pool (balanced) observations: 84
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.442729	0.173494	-2.551840	0.0126
PDRB?	0.145128	0.025702	5.646683	0.0000
PPDP?	0.048359	0.009854	4.907728	0.0000
PPBK?	0.014856	0.005967	2.489729	0.0149
JPM?	-0.051716	0.019587	-2.640353	0.0100
Random Effects (Cross)				
_SINGINGI--C	0.018669			
_INDRAGIRI_HULU--C	-0.033722			
_INDRAGIRI_HILIR--C	-0.085773			
_PELALAWAN--C	-0.008609			
_SIAK--C	-0.008532			
_KAMPAR--C	0.006351			
_ROKAN_HULU--C	0.012480			
_BENGKALIS--C	-0.049118			
_ROKAN_HILIR--C	-0.049659			
_MERANTI--C	0.032624			
_PEKANBARU--C	0.083021			
_DUMAI--C	0.082268			
Effects Specification				
			S.D.	Rho
Cross-section random			0.042807	0.9617
Idiosyncratic random			0.008538	0.0383
Weighted Statistics				
R-squared	0.673073	Mean dependent var		0.068788
Adjusted R-squared	0.656519	S.D. dependent var		0.015080
S.E. of regression	0.008838	Sum squared resid		0.006170
F-statistic	40.66097	Durbin-Watson stat		1.051972
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.262830	Mean dependent var		0.915119
Sum squared resid	0.208839	Durbin-Watson stat		0.031082

Lampiran V:
Chow Test

Redundant Fixed Effects Tests
 Pool: OLAHDATA
 Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	156.766576	(11,68)	0.0000
Cross-section Chi-square	274.832974	11	0.0000

Cross-section fixed effects test equation:
 Dependent Variable: IPM?
 Method: Panel Least Squares
 Date: 02/28/19 Time: 13:39
 Sample: 2011 2017
 Included observations: 7
 Cross-sections included: 12
 Total pool (balanced) observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.172310	0.151885	1.134473	0.2600
PDRB?	0.012090	0.025901	0.466775	0.6419
PPDP?	0.161821	0.036137	4.477957	0.0000
PPBK?	0.000400	0.021322	0.018753	0.9851
JPM?	-0.169953	0.023353	-7.277446	0.0000
R-squared	0.538824	Mean dependent var		0.915119
Adjusted R-squared	0.515473	S.D. dependent var		0.058423
S.E. of regression	0.040667	Akaike info criterion		-3.509121
Sum squared resid	0.130651	Schwarz criterion		-3.364429
Log likelihood	152.3831	Hannan-Quinn criter.		-3.450956
F-statistic	23.07529	Durbin-Watson stat		0.139207
Prob(F-statistic)	0.000000			

Lampiran VI:
Hausman Test

Correlated Random Effects - Hausman Test

Pool: OLAHDATA

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	9.653784	4	0.0467

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
PDRB?	0.168050	0.145128	0.000184	0.0907
PPDP?	0.046202	0.048359	0.000001	0.0126
PPBK?	0.013043	0.014856	0.000001	0.1238
JPM?	-0.043650	-0.051716	0.000041	0.2078

Cross-section random effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 02/28/19 Time: 13:40

Sample: 2011 2017

Included observations: 7

Cross-sections included: 12

Total pool (balanced) observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.605946	0.195067	-3.106346	0.0028
PDRB?	0.168050	0.029055	5.783915	0.0000
PPDP?	0.046202	0.009891	4.670918	0.0000
PPBK?	0.013043	0.006082	2.144453	0.0356
JPM?	-0.043650	0.020607	-2.118220	0.0378

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.982504	Mean dependent var	0.915119
Adjusted R-squared	0.978645	S.D. dependent var	0.058423
S.E. of regression	0.008538	Akaike info criterion	-6.519037
Sum squared resid	0.004957	Schwarz criterion	-6.056024
Log likelihood	289.7996	Hannan-Quinn criter.	-6.332910
F-statistic	254.5770	Durbin-Watson stat	1.307617
Prob(F-statistic)	0.000000		

Lampiran VII:

Heteroskedastisitas

Heteroskedasticity Test: Harvey

F-statistic	2.207176	Prob. F(4,79)	0.0757
Obs*R-squared	8.443836	Prob. Chi-Square(4)	0.0766
Scaled explained SS	7.653026	Prob. Chi-Square(4)	0.1051

Test Equation:

Dependent Variable: LRESID2

Method: Least Squares

Date: 02/28/19 Time: 14:43

Sample: 1 84

Included observations: 84

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-18.70003	7.653083	-2.443464	0.0168
PDRB	-1.280229	1.290052	-0.992386	0.3240
PPDP	4.882025	1.731390	2.819715	0.0061
PPBK	-1.283459	1.085712	-1.182136	0.2407
JPM	-0.335848	1.181096	-0.284353	0.7769
R-squared	0.100522	Mean dependent var	-7.723306	
Adjusted R-squared	0.054979	S.D. dependent var	2.127562	
S.E. of regression	2.068250	Akaike info criterion	4.348961	
Sum squared resid	337.9349	Schwarz criterion	4.493653	
Log likelihood	-177.6564	Hannan-Quinn criter.	4.407126	
F-statistic	2.207176	Durbin-Watson stat	0.745065	
Prob(F-statistic)	0.075690			

Lampiran VIII :

Multikolinearitas

	PDRB	PPDP	PPBK	JPM
PDRB	1.000000	0.684592	0.477669	-0.047166
PPDP	0.684592	1.000000	0.502038	0.170965
PPBK	0.477669	0.502038	1.000000	-0.019903
JPM	-0.047166	0.170965	-0.019903	1.000000

Variance Inflation Factors

Date: 02/28/19 Time: 14:43

Sample: 1 84

Included observations: 84

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.022919	1150.128	NA
PDRB	0.000651	1842.351	1.976487
PPDP	0.001173	1893.874	2.118190
PPBK	0.000461	606.6286	1.412561
JPM	0.000546	69.08541	1.081665