

LAMPIRAN

Lampiran 1. Data Panel Penelitian

Kabupaten	Tahun	TK	JP	PDRB	PAD	LL
Kuantansingingi	2011	134715	302674	17307006100000	25116050000	123512
Kuantansingingi	2012	138018	310060	18333198910000	36165266000	128703
Kuantansingingi	2013	138493	306718	19336933710000	46272301000	128538
Kuantansingingi	2014	129046	310619	20331154810000	50156701000	128808
Kuantansingingi	2015	145475	314276	19896348120000	62398690000	129320
Kuantansingingi	2016	137671	317935	20669051520000	62176253000	130165
Kuantansingingi	2017	136763	321216	21583844370000	75433898000	130234
Indragirihulu	2011	161829	376578	21874124080000	46851206000	118970
Indragirihulu	2012	157815	388916	23708459370000	64831009000	118970
Indragirihulu	2013	162967	392354	25180129970000	57348332000	118970
Indragirihulu	2014	168100	400901	26571896380000	47451732000	118969
Indragirihulu	2015	181070	409431	25791527400000	125142264000	118969
Indragirihulu	2016	170712	417733	26741577110000	98728487000	118969
Indragirihulu	2017	192792	425897	27816420550000	109733193000	117820
Indragirihilir	2011	304919	685698	30066528620000	55879862000	226398
Indragirihilir	2012	304792	689938	32444458390000	64178156000	227513
Indragirihilir	2013	323759	685530	34769508240000	80512228000	228052
Indragirihilir	2014	279889	694614	37160800900000	82115777000	228051
Indragirihilir	2015	295451	703734	37923472250000	131091134000	228052
Indragirihilir	2016	299700	713034	39758402640000	132442800000	227806
Indragirihilir	2017	208078	722234	41627466090000	164898821000	227806
Palalawan	2011	135386	312738	25161102940000	46649862000	304052
Palalawan	2012	140594	332075	25920879250000	55689510000	305630
Palalawan	2013	153227	358210	27360638950000	71443864000	306145
Palalawan	2014	172931	377221	29058309270000	89065500000	306877
Palalawan	2015	161724	396990	29774301570000	94187971000	306977
Palalawan	2016	162627	417498	30654906260000	107077951000	306977
Palalawan	2017	197445	438788	31911291780000	146989866000	307001
Siak	2011	162282	390359	52146929560000	198010053000	237043
Siak	2012	158774	405850	53226798430000	346603960000	287065
Siak	2013	161533	416298	51987673970000	348618602000	287782
Siak	2014	168808	428499	51485182580000	266247427000	287331
Siak	2015	160456	440841	51379296290000	357278966000	288362
Siak	2016	163599	453052	51558228660000	164325691000	260281
Siak	2017	196749	465414	52044935650000	199247637000	324316
Kampar	2011	302114	713078	39378306370000	96909123000	362756
Kampar	2012	280325	739655	41668546690000	110076551000	386793

Kabupaten	Tahun	TK	JP	PDRB	PAD	LL
Kampar	2013	302242	753376	44297582790000	157542304000	387263
Kampar	2014	308617	773171	45816465830000	120637348000	400249
Kampar	2015	294638	793005	46314066600000	221377672000	416393
Kampar	2016	301832	812702	47609043870000	162363323000	405008
Kampar	2017	328160	832287	49042587290000	174408604000	396760
Rokanhulu	2011	206737	492006	17026716570000	34243131000	413933
Rokanhulu	2012	188554	517577	18069053500000	54369714000	414352
Rokanhulu	2013	204133	545483	19150561510000	57064234000	423545
Rokanhulu	2014	220354	568576	20396303110000	56768019000	422850
Rokanhulu	2015	238412	592278	20800664350000	84012606000	422861
Rokanhulu	2016	220966	616466	21785244960000	95812027000	422985
Rokanhulu	2017	262265	641208	22996276910000	108151659000	407479
Bengkalis	2011	214902	516348	91999289290000	216120227000	177169
Bengkalis	2012	223316	530191	91397010800000	205979691000	199994
Bengkalis	2013	201774	527918	88411085590000	181667217000	198642
Bengkalis	2014	238979	536138	85003796730000	281446579000	198947
Bengkalis	2015	218898	543987	82676674310000	258889531000	183687
Bengkalis	2016	219884	551683	80656528980000	199026652000	181815
Bengkalis	2017	225043	559081	79230434690000	308150000000	182099
Pekanbaru	2011	382185	930215	44845770010000	225903389000	10732
Pekanbaru	2012	389921	964558	48351736610000	364604451000	10744
Pekanbaru	2013	422254	984674	51053167000000	368031805000	10745
Pekanbaru	2014	408331	1011467	54575479500000	560074583000	10929
Pekanbaru	2015	440873	1038118	57616752660000	473818218000	10929
Pekanbaru	2016	423820	1064566	61047255220000	482031165000	10929
Pekanbaru	2017	467555	1091088	64768715400000	1148930504000	10929
Dumai	2011	108162	262976	18242262310000	115777181000	34003
Dumai	2012	108809	271522	18909845700000	117903502000	35263
Dumai	2013	108704	274089	19605667850000	157466165000	26345
Dumai	2014	114066	280109	20132275720000	147133875000	26345
Dumai	2015	117280	285967	20541693520000	162535865000	37521
Dumai	2016	113350	291908	21401003790000	192760075000	37795
Dumai	2017	123550	297638	22352640530000	264152851000	37926

Lampiran 2. Model Regresi Data Panel

1. Common Effect Model

Dependent Variable: TK?
Method: Pooled Least Squares
Date: 02/25/19 Time: 13:47
Sample: 2011 2017
Included observations: 7
Cross-sections included: 10
Total pool (balanced) observations: 70

Variable	Coefficient	Std. Error	t-Statistic	Prob.
JP?	0.966369	0.025271	38.24081	0.0000
PDRB?	0.052396	0.021466	2.440900	0.0173
PAD?	-0.066455	0.020027	-3.318344	0.0015
LL?	-0.032514	0.009469	-3.433791	0.0010
R-squared	0.970969	Mean dependent var		12.22425
Adjusted R-squared	0.969649	S.D. dependent var		0.389372
S.E. of regression	0.067834	Akaike info criterion		-2.488049
Sum squared resid	0.303699	Schwarz criterion		-2.359564
Log likelihood	91.08173	Hannan-Quinn criter.		-2.437014
Durbin-Watson stat	1.863035			

Lampiran 3. Model Regresi Data Panel

2. Fixed Effect Model

Dependent Variable: TK?
 Method: Pooled EGLS (Cross-section weights)
 Date: 02/25/19 Time: 13:47
 Sample: 2011 2017
 Included observations: 7
 Cross-sections included: 10
 Total pool (balanced) observations: 70
 Linear estimation after one-step weighting matrix

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2.201136	3.275603	0.671979	0.5044
JP?	0.907956	0.177659	5.110682	0.0000
PDRB?	-0.080313	0.142879	-0.562106	0.5763
PAD?	0.018621	0.029422	0.632884	0.5294
LL?	0.011758	0.063727	0.184499	0.8543
Fixed Effects (Cross)				
_KUANTANSINGINGI--C	0.002981			
_INDRAGIRIHULU--C	0.005112			
_INDRAGIRIHILIR--C	0.033871			
_PALALAWAN--C	-0.000617			
_SIAK--C	-0.048602			
_KAMPAR--C	0.002502			
_ROKANHULU--C	-0.086707			
_BENGKALIS--C	0.066628			
_PEKANBARU--C	0.119960			
_DUMAI--C	-0.095128			
Effects Specification				
Cross-section fixed (dummy variables)				
Weighted Statistics				
R-squared	0.991559	Mean dependent var	16.79852	
Adjusted R-squared	0.989599	S.D. dependent var	6.178381	
S.E. of regression	0.065313	Sum squared resid	0.238887	
F-statistic	506.0179	Durbin-Watson stat	2.574801	
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.974201	Mean dependent var	12.22425	
Sum squared resid	0.269886	Durbin-Watson stat	1.877817	

Lampiran 4. Model Regresi Data Panel

3. Random Effect Model

Dependent Variable: TK?

Method: Pooled EGLS (Cross-section random effects)

Date: 02/25/19 Time: 13:48

Sample: 2011 2017

Included observations: 7

Cross-sections included: 10

Total pool (balanced) observations: 70

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.373434	0.543306	-0.687336	0.4943
JP?	0.965587	0.025356	38.08097	0.0000
PDRB?	0.067153	0.030396	2.209260	0.0307
PAD?	-0.069463	0.020546	-3.380914	0.0012
LL?	-0.032462	0.009492	-3.419983	0.0011
Random Effects (Cross)				
_KUANTANSINGINGI--				
C	0.000000			
_INDRAGIRIHULU--C	0.000000			
_INDRAGIRIHILIR--C	0.000000			
_PALALAWAN--C	0.000000			
_SIK--C	0.000000			
_KAMPAR--C	0.000000			
_ROKANHULU--C	0.000000			
_BENGKALIS--C	0.000000			
_PEKANBARU--C	0.000000			
_DUMAI--C	0.000000			
Effects Specification				
			S.D.	Rho
Cross-section random			0.000000	0.0000
Idiosyncratic random			0.067996	1.0000
Weighted Statistics				
R-squared	0.971178	Mean dependent var		12.22425
Adjusted R-squared	0.969404	S.D. dependent var		0.389372
S.E. of regression	0.068108	Sum squared resid		0.301515
F-statistic	547.5471	Durbin-Watson stat		1.889661
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.971178	Mean dependent var		12.22425
Sum squared resid	0.301515	Durbin-Watson stat		1.889661

Lampiran 5. Pemilihan Model

1. Uji Chow

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

Effects Test	Statistic	d.f.	Prob.
Cross-section F	1.023894	(9,56)	0.4327
Cross-section Chi-square	10.663701	9	0.2995

2. 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	5.356560	4	0.2526

** WARNING: estimated cross-section random effects variance is zero.

Lampiran 6. Uji Asumsi Klasik

1. Uji Heteroskedastisitas

Dependent Variable: RESID?

Method: Pooled EGLS (Cross-section random effects)

Date: 02/25/19 Time: 13:51

Sample: 2011 2017

Included observations: 7

Cross-sections included: 10

Total pool (balanced) observations: 70

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.057492	0.485101	0.118515	0.9060
JP?	0.024296	0.022654	1.072518	0.2875
PDRB?	-0.031051	0.025393	-1.222812	0.2258
PAD?	0.020014	0.015587	1.284011	0.2037
LL?	0.010621	0.007982	1.330531	0.1880
Random Effects (Cross)				
_KUANTANSINGINGI--				
C	0.000732			
_INDRAGIRIHULU--C	0.003481			
_INDRAGIRIHILIR--C	0.021464			
_PALALAWAN--C	0.001648			
_SIAK--C	-0.005103			
_KAMPAR--C	-0.013973			
_ROKANHULU--C	-0.004423			
_BENGKALIS--C	0.001000			
_PEKANBARU--C	-0.004752			
_DUMAI--C	-7.64E-05			
Effects Specification				
			S.D.	Rho
Cross-section random			0.015586	0.1067
Idiosyncratic random			0.045108	0.8933
Weighted Statistics				
R-squared	0.049127	Mean dependent var		0.034185
Adjusted R-squared	-0.009388	S.D. dependent var		0.045051
S.E. of regression	0.045262	Sum squared resid		0.133165
F-statistic	0.839563	Durbin-Watson stat		1.676146
Prob(F-statistic)	0.505114			
Unweighted Statistics				
R-squared	0.044913	Mean dependent var		0.046317
Sum squared resid	0.144551	Durbin-Watson stat		1.544119

Lampiran 7. Uji Asumsi Klasik

2. Uji Multikolinearitas

	JP	PDRB	PAD	LL
JP	1	0.5796891504232481	0.4770684757008689	-0.1021437686242302
PDRB	0.5796891504232481	1	0.7336002131657321	-0.03249005554026728
PAD	0.4770684757008689	0.7336002131657321	1	-0.4558723957407969
LL	-0.1021437686242302	-0.03249005554026728	-0.4558723957407969	1