

LAMPIRAN

Lampiran I:

KABUPATE N	TAH UN	BELANJA DAERAH (ribu rupiah)	PDRB ADHK (juta rupiah)	PAD (ribu rupiah)	JUMLAH PENDUD UK (jiwa)	DANA PERIMBANG AN (ribu rupiah)
BANGKA	2013	921.141.657	7.769.116	62.977.748	298.013	607.081.542
	2014	1.014.844.229	8.143.116	89.113.744	304.485	681.876.306
	2015	1.319.816.880	8.513.207	116.115.655	311.085	771.744.028
	2016	1.151.044.587	8.906.770	74.364.801	317.735	826.499.486
	2017	1.845.258.443	9.355.326	125.810.434	324.305	785.715.844
BELITUNG	2013	813.105.076	4.934.002	92.969.904	167.602	486.653.922
	2014	888.919.306	5.167.069	110.451.294	171.271	544.081.855
	2015	1.016.351.764	5.400.911	125.788.829	175.048	574.524.177
	2016	1.040.198.565	5.660.665	136.515.885	178.721	675.387.948
	2017	878.639.555	5.969.543	112.628.308	182.418	649.244.445
BANGKA BARAT	2013	664.938.953	7.972.792	45.361.519	188.271	472.635.356
	2014	732.461.657	8.349.260	30.080.121	192.395	548.372.707
	2015	813.479.007	8.749.347	56.300.674	196.598	587.121.081
	2016	874.320.587	9.152.537	52.662.195	200.684	668.312.638
	2017	804.495.544	9.673.060	62.538.388	204.778	704.535.059
BANGKA TENGAH	2013	641.263.144	5.178.285	41.394.362	173.346	435.760.421
	2014	731.484.015	5.255.773	61.629.660	177.218	484.177.074
	2015	869.920.997	5.271.812	66.341.267	180.903	583.502.125
	2016	863.100.255	5.428.180	73.459.529	184.720	623.254.119
	2017	772.254.723	5.620.435	95.022.526	188.603	586.958.985
BANGKA SELATAN	2013	650.558.329	4.852.974	20.409.445	185.514	488.507.715
	2014	727.076.889	5.068.267	28.907.041	189.492	552.522.072
	2015	842.686.305	5.274.382	38.735.410	193.583	602.919.707
	2016	884.115.256	5.495.600	46.571.382	197.670	651.697.358
	2017	751.396.370	5.763.780	34.365.551	201.782	636.984.315
BELITUNG TIMUR	2013	755.401.550	4.258.046	56.946.464	114.469	453.388.834
	2014	826.090.248	4.478.305	72.695.301	117.026	505.712.230
	2015	891.299.174	4.675.020	74.227.811	119.394	547.696.103
	2016	875.126.397	4.870.679	90.361.595	121.971	601.305.488
	2017	805.661.052	5.110.239	91.650.648	124.587	592.760.709
PANGKAL PINANG	2013	775.034.976	6.951.019	67.751.215	187.908	469.708.594
	2014	870.613.619	7.247.497	114.066.080	191.994	501.293.474
	2015	945.642.996	7.554.891	135.305.779	196.202	538.208.270
	2016	1.095.342.719	7.945.834	135.763.606	200.326	741.810.621
	2017	915.934.888	8.358.482	132.939.969	204.392	582.470.775

Sumber: Badan Pusat Statistika Provinsi Kepulauan Bangka Belitung

Lampiran II:

Common Effect Model (CEM)

Dependent Variable: BELANJA_DAERAH?

Method: Pooled Least Squares

Date: 11/28/18 Time: 15:05

Sample: 2013 2017

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-283282.9	100408.4	-2.821307	0.0084
PDRB?	3143.992	11372.54	0.276455	0.7841
PAD?	2.860223	0.475691	6.012770	0.0000
PENDUDUK?	1.249636	0.419550	2.978516	0.0057
DANA?	1.156043	0.205624	5.622134	0.0000
R-squared	0.855241	Mean dependent var	893400.6	
Adjusted R-squared	0.835940	S.D. dependent var	217703.3	
S.E. of regression	88179.35	Akaike info criterion	25.74370	
Sum squared resid	2.33E+11	Schwarz criterion	25.96589	
Log likelihood	-445.5147	Hannan-Quinn criter.	25.82040	
F-statistic	44.31016	Durbin-Watson stat	1.551845	
Prob(F-statistic)	0.000000			

Lampiran III:

Fixed Effect Model (FEM)

Dependent Variable: BELANJA_DAERAH?

Method: Pooled Least Squares

Date: 11/28/18 Time: 15:02

Sample: 2013 2017

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1169934.	276148.6	-4.236609	0.0003
PDRB?	89939.96	23198.17	3.877028	0.0007
PAD?	2.109640	0.789896	2.670784	0.0134
PENDUDUK?	5.546846	1.744630	3.179383	0.0040
DANA?	0.419916	0.197532	2.125808	0.0440
Fixed Effects				
(Cross)				
_BANGKA--C	-470422.1			
_BELITUNG--C	170078.4			
_BABAR—C	-245164.3			
_BATENG--C	113456.4			
_BASEL—C	74687.58			
_BELTIM—C	519760.6			
_PANGKAL--C	-162396.6			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.951056	Mean dependent var	893400.6
Adjusted R-squared	0.930663	S.D. dependent var	217703.3
S.E. of regression	57325.40	Akaike info criterion	25.00215
Sum squared resid	7.89E+10	Schwarz criterion	25.49098
Log likelihood	-426.5377	Hannan-Quinn criter.	25.17089
F-statistic	46.63594	Durbin-Watson stat	1.778151
Prob(F-statistic)	0.000000		

Lampiran IV:

Random Effect Model (REM)

Dependent Variable: BELANJA_DAERAH?

Method: Pooled EGLS (Cross-section random effects)

Date: 11/28/18 Time: 15:03

Sample: 2013 2017

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-356962.4	109251.4	-3.267348	0.0027
PDRB?	37846.36	16097.75	2.351034	0.0255
PAD?	3.096969	0.586590	5.279614	0.0000
PENDUDUK?	1.305360	0.631869	2.065872	0.0476
DANA?	0.860516	0.164576	5.228694	0.0000
Random Effects				
(Cross)				
_BANGKA--C	10668.85			
_BELITUNG--C	-4602.563			
_BABAR--C	-91555.09			
_BATENG--C	25424.86			
_BASEL--C	33283.46			
_BELTIM--C	121663.9			
_PANGKAL--C	-94883.37			
Effects Specification				
			S.D.	Rho
Cross-section random			69974.55	0.5984
Idiosyncratic random			57325.40	0.4016
Weighted Statistics				
R-squared	0.825278	Mean dependent var	307339.2	
Adjusted R-squared	0.801982	S.D. dependent var	156998.6	
S.E. of regression	69863.13	Sum squared resid	1.46E+11	
F-statistic	35.42539	Durbin-Watson stat	1.607907	
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.789206	Mean dependent var	893400.6	
Sum squared resid	3.40E+11	Durbin-Watson stat	0.693123	

Lampiran V:

Chow Test

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

Effects Test	Statistic	d.f.	Prob.
Cross-section F	7.830676	(6,24)	0.0001
Cross-section Chi-square	37.954051	6	0.0000

Cross-section fixed effects test equation:
Dependent Variable: BELANJA_DAERAH?
Method: Panel Least Squares
Date: 11/28/18 Time: 16:04
Sample: 2013 2017
Included observations: 5
Cross-sections included: 7
Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-283282.9	100408.4	-2.821307	0.0084
PDRB?	3143.992	11372.54	0.276455	0.7841
PAD?	2.860223	0.475691	6.012770	0.0000
DUDUK?	1.249636	0.419550	2.978516	0.0057
DANA?	1.156043	0.205624	5.622134	0.0000
R-squared	0.855241	Mean dependent var	893400.6	
Adjusted R-squared	0.835940	S.D. dependent var	217703.3	
S.E. of regression	88179.35	Akaike info criterion	25.74370	
Sum squared resid	2.33E+11	Schwarz criterion	25.96589	
Log likelihood	-445.5147	Hannan-Quinn criter.	25.82040	
F-statistic	44.31016	Durbin-Watson stat	1.551845	
Prob(F-statistic)	0.000000			

Lampiran VIII:

Hausman Test

Correlated Random Effects - Hausman Test

Pool: DATAPANEL

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	18.557733	4	0.0010

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
PDRB?	89939.95	37846.35	2.790174	0.0018
PAD?	2.109640	3.096969	0.279847	0.0620
PENDUDUK?	5.546846	1.305360	2.644475	0.0091
DANA?	0.419916	0.860516	0.011934	0.0001

Cross-section random effects test equation:

Dependent Variable: BELANJA_DAERAH?

Method: Panel Least Squares

Date: 12/06/18 Time: 11:24

Sample: 2013 2017

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1169934.	276148.6	-4.236609	0.0003
PDRB?	89939.96	23198.17	3.877028	0.0007
PAD?	2.109640	0.789896	2.670784	0.0134
PENDUDUK?	5.546846	1.744630	3.179383	0.0040
DANA?	0.419916	0.197532	2.125808	0.0440

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.951056	Mean dependent var	893400.6
Adjusted R-squared	0.930663	S.D. dependent var	217703.3

S.E. of regression	57325.40	Akaike info criterion	25.00215
Sum squared resid	7.89E+10	Schwarz criterion	25.49098
Log likelihood	-426.5377	Hannan-Quinn criter.	25.17089
F-statistic	46.63594	Durbin-Watson stat	1.778151
Prob(F-statistic)	0.000000		

Lampiran VI:

Multikolinearitas

	PDRB	PAD	PENDUDUK DANA	
PDRB	1.000000	0.188441	0.607811	0.413957
PAD	0.188441	1.000000	0.133529	0.233525
PENDUDU				
K	0.607811	0.133529	1.000000	0.595355
DANA	0.413957	0.233525	0.595355	1.000000

Variance Inflation Factors

Date: 11/28/18 Time: 14:57

Sample: 1 35

Included observations: 35

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	1.01E+10	45.38101	NA
PDRB	1.29E+08	24.97461	1.621150
PAD	0.226282	7.482568	1.074049
PENDUDUK	0.176022	31.91177	2.058662
DANA	0.042281	68.89108	1.614499

Lampiran VII:

Heteroskedastisitas

Heteroskedasticity Test: Harvey

F-statistic	2.758564	Prob. F(4,30)	0.0459
Obs*R-squared	9.411622	Prob. Chi-Square(4)	0.0516
Scaled explained SS	7.027173	Prob. Chi-Square(4)	0.1345

Test Equation:

Dependent Variable: LRESID2

Method: Least Squares

Date: 11/28/18 Time: 14:56

Sample: 1 35

Included observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	15.86595	2.018630	7.859761	0.0000
PDRB	0.053101	0.228636	0.232253	0.8179
PAD	1.77E-05	9.56E-06	1.853898	0.0736
PENDUDUK	-1.15E-05	8.43E-06	-1.365864	0.1821
DANA	9.40E-06	4.13E-06	2.274715	0.0302

R-squared	0.268903	Mean dependent var	20.96320
Adjusted R-squared	0.171424	S.D. dependent var	1.947545
S.E. of regression	1.772775	Akaike info criterion	4.114533
Sum squared resid	94.28197	Schwarz criterion	4.336726
Log likelihood	-67.00433	Hannan-Quinn criter.	4.191234
F-statistic	2.758564	Durbin-Watson stat	2.040724
Prob(F-statistic)	0.045866		
