

LAMPIRAN

DETERMINASI PENDAPATAN ASLI DAERAH DI PROVINSI KEPULAUAN RIAU

(Studi Kasus 7 Kabupaten/Kota di Provinsi Kepulauan Riau Tahun 2011-2017)

Kabupaten/ Kota	Tahun	PAD	JP	PDRB	PP
Kota Tanjung Pinang	2011	68.012.880.682	194.671	9.784.368.200.000	699.083.155.865
	2012	82.465.700.951	196.986	10.479.811.900.000	745.170.613.569
	2013	83.818.759.250	196.980	11.294.830.000.000	836.625.768.959
	2014	125.170.740.485	199.723	11.891.260.000.000	990.745.106.044
	2015	122.893.490.241	202.215	12.568.740.000.000	756.329.273.305
	2016	114.004.002.500	204.735	13.202.950.000.000	1.041.488.342.581
	2017	116.448.594.500	207.057	13.551.170.000.000	921.500.000.000
Kota Batam	2011	325.551.392.754	1.082.175	68.621.399.000.000	1.196.705.063.255
	2012	413.178.934.109	1.094.579	73.698.072.650.000	1.378.395.207.760
	2013	511.135.469.396	1.095.623	78.991.100.000.000	1.766.756.478.567
	2014	779.944.837.451	1.141.816	84.644.070.000.000	1.967.612.947.197
	2015	836.713.858.342	1.188.985	90.457.740.000.000	2.154.059.184.726
	2016	891.918.479.510	1.236.399	95.369.700.000.000	2.590.361.396.250
	2017	1.160.200.676.360	1.283.196	97.359.730.000.000	2.548.810.106.228
Kabupaten Karimun	2011	240.819.873.681	223.397	5.872.367.800.000	891.504.855.827
	2012	242.500.827.679	225.861	6.297.816.600.000	889.652.864.764
	2013	204.438.311.483	220.882	6.744.250.000.000	1.077.553.093.567
	2014	310.386.407.101	223.117	7.207.300.000.000	1.127.995.594.487
	2015	360.641.751.643	225.298	7.678.310.000.000	989.642.700.658
	2016	310.608.407.497	227.277	8.152.860.000.000	1.345.084.375.888
	2017	348.757.543.449	229.194	8.594.070.000.000	1.261.307.054.442
Kabupaten Bintan	2011	136.232.925.611	145.057	9.501.063.100.000	781.685.442.727
	2012	136.751.503.920	147.212	10.126.483.000.000	801.714.198.499
	2013	133.959.953.600	149.120	10.741.920.000.000	905.787.511.011
	2014	190.843.040.464	151.123	11.424.370.000.000	966.962.829.656
	2015	186.630.240.775	153.020	12.013.390.000.000	886.752.613.316
	2016	178.384.571.161	154.584	12.726.960.000.000	994.909.650.144
	2017	198.010.321.117	156.313	13.364.820.000.000	1.058.475.564.795
Kabupaten Natuna	2011	42.186.498.863	72.287	11.345.200.700.000	1.311.260.186.753
	2012	38.920.353.033	72.519	12.437.318.600.000	1.452.282.628.377
	2013	28.033.510.000	72.527	13.009.830.000.000	1.620.497.419.170
	2014	39.404.360.299	73.470	13.585.410.000.000	1.248.760.619.698
	2015	35.211.059.623	74.520	14.115.270.000.000	814.743.361.592
	2016	43.657.341.397	75.282	14.538.930.000.000	1.155.500.000.000
	2017	74.001.744.354	76.282	14.665.420.000.000	1.185.201.700.000
Kabupaten Lingga	2011	20.579.785.919	87.026	1.981.219.460.000	690.418.915.931
	2012	17.423.239.129	87.482	2.111.651.710.000	625.904.240.016
	2013	17.520.000.000	87.867	2.256.830.000.000	786.775.093.846
	2014	21.010.343.891	88.274	2.373.210.000.000	742.644.763.565
	2015	20.305.789.397	88.591	2.492.750.000.000	582.934.296.209
	2016	21.000.000.000	88.971	2.529.110.000.000	754.327.846.904
	2017	22.072.325.000	89.330	2.691.280.000.000	750.386.797.481
Kabupaten Kepulauan Anambas	2011	38.407.262.789	38.210	11.162.012.890.000	856.065.417.867
	2012	34.108.387.819	38.833	11.595.839.040.000	938.577.499.845
	2013	40.777.120.000	39.374	11.964.650.000.000	1.293.804.271.912
	2014	21.489.585.793	39.892	12.407.910.000.000	994.389.202.555
	2015	17.218.368.878	40.414	12.784.250.000.000	647.842.758.446
	2016	24.298.537.411	40.421	13.155.240.000.000	977.214.088.982
	2017	22.414.833.952	41.412	13.142.450.000.000	824.997.119.767

LAMPIRAN II

HASIL UJI CHOW
(UJI LIKELIHOOD)

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	125.754095	(6,39)	0.0000

Cross-section fixed effects test equation:

Dependent Variable: PAD

Method: Panel EGLS (Cross-section weights)

Date: 01/28/19 Time: 21:41

Sample: 2011 2017

Periods included: 7

Cross-sections included: 7

Total panel (balanced) observations: 49

Use pre-specified GLS weights

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.366966	4.316564	-0.780011	0.4395
JP	0.462753	0.199864	2.315334	0.0252
PDRB	0.513676	0.171995	2.986575	0.0046
PP	0.440340	0.467180	0.942550	0.3509

Weighted Statistics

R-squared	0.798635	Mean dependent var	15.29634
Adjusted R-squared	0.785210	S.D. dependent var	6.144148
S.E. of regression	0.373371	Sum squared resid	6.273265
F-statistic	59.49144	Durbin-Watson stat	0.092323
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.702587	Mean dependent var	10.97444
Sum squared resid	4.058394	Durbin-Watson stat	0.101248

LAMPIRAN III

HASIL UJI HAUSMAN

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	3.297188	3	0.3480

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
JP	2.486445	0.773128	2.559257	0.2842
PDRB	0.396498	0.418162	0.138166	0.9535
PP	0.577770	0.678001	0.003517	0.0910

Cross-section random effects test equation:

Dependent Variable: PAD

Method: Panel Least Squares

Date: 01/28/19 Time: 21:42

Sample: 2011 2017

Periods included: 7

Cross-sections included: 7

Total panel (balanced) observations: 49

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-14.04540	5.288831	-2.655673	0.0114
JP	2.486445	1.636455	1.519409	0.1367
PDRB	0.396498	0.462307	0.857650	0.3963
PP	0.577770	0.195689	2.952494	0.0053

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.976639	Mean dependent var	10.97444
Adjusted R-squared	0.971248	S.D. dependent var	0.533183
S.E. of regression	0.090409	Akaike info criterion	-1.789033
Sum squared resid	0.318780	Schwarz criterion	-1.402947
Log likelihood	53.83130	Hannan-Quinn criter.	-1.642552
F-statistic	181.1582	Durbin-Watson stat	1.274510
Prob(F-statistic)	0.000000		

LAMPIRAN IV

HASIL UJI LAGRANGE MULTIPLIER

Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided
(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	102.9818 (0.0000)	2.419787 (0.1198)	105.4016 (0.0000)
Honda	10.14800 (0.0000)	-1.555566 --	6.075766 (0.0000)
King-Wu	10.14800 (0.0000)	-1.555566 --	6.075766 (0.0000)
Standardized Honda	14.41168 (0.0000)	-1.405772 --	4.835717 (0.0000)
Standardized King-Wu	14.41168 (0.0000)	-1.405772 --	4.835717 (0.0000)
Gourierioux, et al.*	--	--	102.9818 (< 0.01)
*Mixed chi-square asymptotic critical values:			
	1%	7.289	
	5%	4.321	
	10%	2.952	

LAMPIRAN V

HASIL ESTIMASI COMMON EFFECT

Dependent Variable: PAD

Method: Panel Least Squares

Date: 01/28/19 Time: 21:42

Sample: 2011 2017

Periods included: 7

Cross-sections included: 7

Total panel (balanced) observations: 49

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.452397	3.494220	-0.415657	0.6796
JP	0.911765	0.108450	8.407255	0.0000
PDRB	0.071651	0.142440	0.503028	0.6174
PP	0.562830	0.384180	1.465014	0.1499
R-squared	0.803751	Mean dependent var		10.97444
Adjusted R-squared	0.790668	S.D. dependent var		0.533183
S.E. of regression	0.243946	Akaike info criterion		0.094370
Sum squared resid	2.677941	Schwarz criterion		0.248805
Log likelihood	1.687930	Hannan-Quinn criter.		0.152962
F-statistic	61.43352	Durbin-Watson stat		0.157712
Prob(F-statistic)	0.000000			

LAMPIRAN VI

HASIL ESTIMASI FIXED EFFECT

Dependent Variable: PAD

Method: Panel EGLS (Cross-section weights)

Date: 01/28/19 Time: 21:40

Sample: 2011 2017

Periods included: 7

Cross-sections included: 7

Total panel (balanced) observations: 49

Linear estimation after one-step weighting matrix

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-17.73660	3.671698	-4.830627	0.0000
JP	3.652982	1.182044	3.090393	0.0037
PDRB	0.357190	0.299964	1.190778	0.2409
PP	0.424096	0.185194	2.290010	0.0275

Effects Specification

Cross-section fixed (dummy variables)

Weighted Statistics

R-squared	0.990103	Mean dependent var	15.29634
Adjusted R-squared	0.987819	S.D. dependent var	6.144148
S.E. of regression	0.088913	Sum squared resid	0.308317
F-statistic	433.5243	Durbin-Watson stat	1.679095
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.975997	Mean dependent var	10.97444
Sum squared resid	0.327543	Durbin-Watson stat	1.166541

LAMPIRAN VII

HASIL ESTIMASI RANDOM EFFECT

Dependent Variable: PAD
 Method: Panel EGLS (Cross-section random effects)
 Date: 01/28/19 Time: 21:41
 Sample: 2011 2017
 Periods included: 7
 Cross-sections included: 7
 Total panel (balanced) observations: 49
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-6.645426	2.817542	-2.358590	0.0227
JP	0.773128	0.344567	2.243766	0.0298
PDRB	0.418162	0.274885	1.521222	0.1352
PP	0.678001	0.186486	3.635663	0.0007

Effects Specification		S.D.	Rho
Cross-section random		0.328268	0.9295
Idiosyncratic random		0.090409	0.0705

Weighted Statistics			
R-squared	0.515921	Mean dependent var	1.136259
Adjusted R-squared	0.483649	S.D. dependent var	0.126232
S.E. of regression	0.090707	Sum squared resid	0.370253
F-statistic	15.98665	Durbin-Watson stat	1.202383
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	0.742947	Mean dependent var	10.97444
Sum squared resid	3.507645	Durbin-Watson stat	0.126919

LAMPIRAN VIII

**HASIL UJI ASUMSI KLASIK HETEROSKEDASTISITAS
(UJI PARK)**

Dependent Variable: ABS(RESID01)
 Method: Panel EGLS (Cross-section random effects)
 Date: 01/28/19 Time: 11:07
 Sample: 2011 2017
 Periods included: 7
 Cross-sections included: 7
 Total panel (balanced) observations: 49
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.583446	1.656601	0.352195	0.7263
JP	0.184131	0.144385	1.275283	0.2088
PDRB	-0.016005	0.141511	-0.113098	0.9105
PP	-0.092253	0.136252	-0.677078	0.5018

Effects Specification

	S.D.	Rho
Cross-section random	0.127599	0.7792
Idiosyncratic random	0.067923	0.2208

Weighted Statistics

R-squared	0.046134	Mean dependent var	0.043628
Adjusted R-squared	-0.017457	S.D. dependent var	0.070490
S.E. of regression	0.071102	Sum squared resid	0.227499
F-statistic	0.725480	Durbin-Watson stat	1.578542
Prob(F-statistic)	0.542113		

Unweighted Statistics

R-squared	0.237441	Mean dependent var	0.221188
Sum squared resid	0.846717	Durbin-Watson stat	0.424129

LAMPIRAN IX

UJI ASUMSI KLASIK MULTIKOLINEARITAS
(CORRELATION MATRIX)

	Jumlah Penduduk	PDRB	Pengeluaran Pemerintah
Jumlah Penduduk	1.000000	0.658380	0.598090
PDRB	0.658380	1.000000	0.786178
Pengeluaran Pemerintah	0.598090	0.786178	1.000000