

LAMPIRAN

A. Data Pengolahan Angka Ketimpangan Indeks Williamson

PROV	YEAR	PDRB	JMLH PDDK	KT
DKI JAKARTA	2008	353723,390528077000	8250,560	0,461
	2009	371469,499099272000	8229,960	0,463
	2010	395622,437364711000	9640,400	0,481
	2011	422242,252410715000	9752,100	0,49
	2012	449805,416568145000	9862,100	0,498
	2013	477285,245382611000	9969,900	0,504
	2014	505492,800000000000	10075,300	0,511
	2015	535215,770000000000	10177,900	0,22
JAWA BARAT	2008	291205,836698138000	36941,290	0,063
	2009	303405,250505893000	37003,870	0,051
	2010	322223,816792259000	43227,100	0,084
	2011	343193,558825000000	43938,800	0,069
	2012	364752,403169565000	44643,500	0,055
	2013	386838,839688523000	45340,800	0,042
	2014	406528,940000000000	46029,600	0,032
	2015	426977,340000000000	46709,600	0,013
JAWA TENGAH	2008	168034,483291229000	29454,580	0,114
	2009	176673,456571314000	29289,570	0,099
	2010	186992,985501002000	32443,900	0,121
	2011	198270,117936373000	32725,400	0,106
	2012	210848,424043673000	32998,700	0,093
	2013	223099,740340000000	33264,300	0,081
	2014	234879,410000000000	33522,700	0,07
	2015	247656,850000000000	33774,100	0,025
DI YOGYAKARTA	2008	19212,481032325300	3134,220	0,034
	2009	20064,256648881300	3114,600	0,029
	2010	21044,041543206800	3467,500	0,037
	2011	22131,774053841500	3510,000	0,033
	2012	23308,558401373700	3552,500	0,029
	2013	24567,476117189400	3594,900	0,025
	2014	25835,160000000000	3637,100	0,022
	2015	27111,420000000000	3679,200	0,008

JAWA TIMUR	2008	305538,686618706000	33476,740	0,025
	2009	320861,168914543000	33249,850	0,009
	2010	342280,764892495000	37565,800	0,028
	2011	366983,277463495000	37840,700	0,009
	2012	393662,847398348000	38106,600	0,008
	2013	419428,445694580000	38363,200	0,024
	2014	444006,950000000000	38610,200	0,037
	2015	468160,930000000000	38847,600	0,021
BANTEN	2008	79700,684036545700	8663,110	0,012
	2009	83453,729294320200	8725,000	0,006
	2010	88552,188216148800	10688,600	0,028
	2011	94198,172882753000	10943,800	0,022
	2012	99992,411969268300	11198,600	0,016
	2013	105856,068164764000	11452,500	0,011
	2014	111646,390000000000	11704,900	0,007
	2015	171160,500000000000	11955,200	0,054

B. Data Realisasi Penerimaan Daerah Dan Derajat Desentralisasi Fiskal

PROV	YEAR	PAD	TPD	df
DKI JAKARTA	2008	10.455.565.541	19221757881	54,39442951
	2009	10.601.057.958	19251893888	55,06501345
	2010	12.891.992.182	23025986993	55,98887981
	2011	17.852.986.987	28297361175	63,09064254
	2012	22.040.801.448	35379180052	62,29879103
	2013	26.852.192.453	39517544012	67,95005389
	2014	31.274.215.886	64715724000	48,32552887
	2015	33.686.176.815	44209238168	76,19714388
JAWA BARAT	2008	5.275.051.504	7275007134	72,50922792
	2009	5.577.588.779	7785889984	71,63713834
	2010	7.252.242.913	9742187761	74,44162534
	2011	8.502.643.155	11053859588	76,92012991
	2012	9.982.917.415	16878128995	59,14706196
	2013	12.360.109.870	19237611310	64,24971204
	2014	15.038.153.310	22310953031	67,40255913
	2015	16.032.856.414	24009980850	66,77579842

JAWA TENGAH	2008	3.698.843.478	5203414609	71,08492703
	2009	4.000.735.711	1258609946	317,8693863
	2010	4.785.133.227	6626316989	72,21407058
	2011	5.564.233.152	7547669804	73,72120531
	2012	6.629.308.010	11694479699	56,68749855
	2013	8.212.800.641	13343358327	61,54972714
	2014	9.916.358.231	15157460004	65,42229522
	2015	10.904.825.813	16828153995	64,80108166
DI YOGYAKARTA	2008	632.872.312	1075105413	58,86607065
	2009	645.145.551	1286067485	50,16420666
	2010	740.202.076	1374205096	53,86401769
	2011	867.112.885	1604910831	54,0287266
	2012	1.004.063.126	2171734308	46,2332396
	2013	1.216.102.750	2583056764	47,0799855
	2014	1.464.604.954	3139871880	46,64537312
	2015	1.593.110.770	3400014812	46,85599499
JAWA TIMUR	2008	5.212.319.316	7351388505	70,90251471
	2009	5.708.030.337	7827694815	72,92096169
	2010	7.478.530.080	9980544750	74,93108109
	2011	8.896.616.683	11493375583	77,40647314
	2012	9.725.627.569	15543039549	62,57223716
	2013	11.596.376.615	17372768544	66,7503086
	2014	14.442.216.520	20772483874	69,52570818
	2015	15.402.647.675	22228450228	69,2924946
BANTEN	2008	1.661.168.634	2351388505	70,6462854
	2009	1.687.721.367	2436096122	69,27975262
	2010	2.321.586.438	3139437626	73,94911811
	2011	2.895.569.551	3755614332	77,09975772
	2012	3.395.883.044	5413705184	62,72752078
	2013	4.118.551.716	6230229814	66,10593572
	2014	4.899.125.741	7068432912	69,3099277
	2015	4.972.737.619	7328220769	67,85736642

C. Data Realisasi Pengeluaran Belanja Pemerintah Daerah

PROV	YEAR	BTL	BL
DKI JAKARTA	2008	6.201.068.273	9.755.475.813
	2009	6.248.430.051	13.251.881.680
	2010	6.972.751.160	14.580.144.679
	2011	9.627.347.327	16.796.334.862
	2012	11.673.114.294	19.885.592.605
	2013	13.148.602.086	25.152.900.311
	2014	12.631.884.602	25.167.779.696
	2015	20.707.205.013	22.324.117.934
JAWA BARAT	2008	4.543.594.281	1.567.365.516
	2009	5.691.756.883	2.501.857.027
	2010	6.265.732.992	2.754.875.029
	2011	7.606.879.466	2.688.690.379
	2012	13.648.410.111	3.274.067.487
	2013	14.724.113.008	3.672.632.315
	2014	16.958.816.394	3.839.172.071
	2015	19.256.280.146	5.161.325.715
JAWA TENGAH	2008	3.360.057.527	1.802.604.949
	2009	3.212.099.612	1.988.013.501
	2010	3.796.513.884	2.171.519.886
	2011	5.259.700.529	9.213.696.623
	2012	8.540.012.837	9.837.614.877
	2013	9.213.696.623	3.511.079.685
	2014	10.646.904.181	4.439.160.853
	2015	12.396.063.966	5.424.696.529
DI YOGYAKARTA	2008	915.745.609	537.540.673
	2009	696.922.383	630.565.465
	2010	788.491.846	566.102.212
	2011	665.763.670	628.457.725
	2012	1.239.114.375	814.711.584
	2013	1.440.462.297	1.069.181.078
	2014	1.560.157.356	1.420.910.964
	2015	1.810.940.127	1.685.485.375

JAWA TIMUR	2008	4.322.174.904	1.881.485.690
	2009	4.318.899.232	3.283.139.576

	2010	5.869.745.632	4.336.571.471
	2011	6.589.867.568	5.096.053.104
	2012	9.633.570.876	5.677.971.455
	2013	10.689.813.108	6.048.844.119
	2014	13.700.106.993	6.306.212.284
	2015	15.074.834.724	7.871.472.846
BANTEN	2008	1.165.236.019	1.088.746.693
	2009	1.173.761.522	1.247.059.419
	2010	1.304.622.476	1.529.948.052
	2011	2.081.522.312	1.819.695.803
	2012	3.300.647.526	2.017.087.962
	2013	3.316.069.657	1.979.069.495
	2014	4.013.607.703	2.178.547.864
	2015	4.758.963.213	3.325.176.946

D. Data Variabel Pendukung

PROV	YEAR	INF	TK
DKI JAKARTA	2008	11,11	4.191.966
	2009	2,34	4.118.390
	2010	6,21	4.689.761
	2011	3,97	4.588.418
	2012	4,52	4.838.596
	2013	8	4.712.836
	2014	8,95	4.634.369
	2015	3,3	4.724.029
JAWA BARAT	2008	10,23	16.480.395
	2009	2,11	16.901.430
	2010	4,53	16.942.444
	2011	2,75	17.454.781
	2012	4,02	18.321.108
	2013	7,97	18.413.984
	2014	7,76	19.230.943
	2015	3,93	18.791.482

JAWA TENGAH	2008	10,34	15.463.658
	2009	5,83	15.835.382
	2010	7,11	15.809.447
	2011	2,87	15.916.135

	2012	4,85	16.132.890
	2013	8,19	15.964.048
	2014	8,53	16.550.682
	2015	2,56	16.435.142
DI YOGYAKARTA	2008	9,88	1.892.205
	2009	3,6	1.895.648
	2010	7,38	1.775.148
	2011	3,88	1.798.595
	2012	4,31	1.867.708
	2013	7,32	1.847.070
	2014	6,59	1.956.043
	2015	3,09	1.891.218
JAWA TIMUR	2008	8,73	18.882.277
	2009	3,39	19.305.056
	2010	7,33	18.698.108
	2011	4,72	18.940.340
	2012	4,39	19.081.995
	2013	7,52	19.266.457
	2014	7,9	19.306.508
	2015	3,43	19.367.777
BANTEN	2008	13,91	3.668.895
	2009	4,11	3.704.778
	2010	6,18	4.583.085
	2011	2,78	4.529.660
	2012	4,41	4.605.847
	2013	9,16	4.637.019
	2014	11,27	4.853.992
	2015	4,67	4.825.460

E. Hasil Olah Data E-Views

1. Uji Common Effect

Dependent Variable: KT?
 Method: Pooled Least Squares
 Date: 01/19/17 Time: 19:39
 Sample: 2008 2015
 Included observations: 8
 Cross-sections included: 6
 Total pool (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.670089	0.298511	-5.594729	0.0000
DF?	-0.002209	0.001361	-1.622669	0.1121
LOG(BTL?)	-0.069255	0.034575	-2.003038	0.0517
LOG(BL?)	0.185410	0.025151	7.371897	0.0000
INF?	0.009359	0.004324	2.164179	0.0362
LOG(TK?)	-0.041670	0.024248	-1.718456	0.0931
R-squared	0.770254	Mean dependent var		0.110000
Adjusted R-squared	0.742903	S.D. dependent var		0.162307
S.E. of regression	0.082297	Akaike info criterion		-2.040487
Sum squared resid	0.284460	Schwarz criterion		-1.806587
Log likelihood	54.97168	Hannan-Quinn criter.		-1.952096
F-statistic	28.16212	Durbin-Watson stat		0.582298
Prob(F-statistic)	0.000000			

2. Uji Fixed Effect

Dependent Variable: KT?
 Method: Pooled Least Squares
 Date: 01/19/17 Time: 19:40
 Sample: 2008 2015
 Included observations: 8
 Cross-sections included: 6
 Total pool (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.950450	1.922157	-1.534968	0.1333
DF?	-0.001493	0.000742	-2.011471	0.0516
LOG(BTL?)	-0.088737	0.022941	-3.868092	0.0004
LOG(BL?)	0.059324	0.023427	2.532364	0.0157
INF?	0.004750	0.002194	2.164354	0.0370
LOG(TK?)	0.239878	0.133835	1.792346	0.0813
Fixed Effects (Cross)				
_DKIJAKARTA--C	0.432104			
_JAWABARAT--C	-0.179559			
_JAWATENGAH--C	-0.187055			
_DIYOGYAKARTA--C	0.187670			
_JAWATIMUR--C	-0.272480			
_BANTEN--C	0.019320			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.959318	Mean dependent var	0.110000
Adjusted R-squared	0.948323	S.D. dependent var	0.162307
S.E. of regression	0.036897	Akaike info criterion	-3.563344
Sum squared resid	0.050370	Schwarz criterion	-3.134527
Log likelihood	96.52025	Hannan-Quinn criter.	-3.401293
F-statistic	87.24947	Durbin-Watson stat	1.572297
Prob(F-statistic)	0.000000		

3. Uji Random Effect

Dependent Variable: KT?
Method: Pooled EGLS (Cross-section random effects)
Date: 01/19/17 Time: 19:41
Sample: 2008 2015
Included observations: 8
Cross-sections included: 6
Total pool (balanced) observations: 48
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.670089	0.133832	-12.47896	0.0000
DF?	-0.002209	0.000610	-3.619339	0.0008
LOG(BTL?)	-0.069255	0.015501	-4.467748	0.0001
LOG(BL?)	0.185410	0.011276	16.44291	0.0000
INF?	0.009359	0.001939	4.827170	0.0000
LOG(TK?)	-0.041670	0.010871	-3.832991	0.0004
Random Effects (Cross)				
_DKIJAKARTA--C	2.94E-12			
_JAWABARAT--C	3.11E-12			
_JAWATENGAH--C	-3.32E-13			
_DIYOGYAKARTA--C	-6.79E-13			
_JAWATIMUR--C	-2.94E-12			
_BANTEN--C	-2.10E-12			

Effects Specification		S.D.	Rho
Cross-section random		9.05E-08	0.0000
Idiosyncratic random		0.036897	1.0000

Weighted Statistics			
R-squared	0.770254	Mean dependent var	0.110000
Adjusted R-squared	0.742903	S.D. dependent var	0.162307
S.E. of regression	0.082297	Sum squared resid	0.284460
F-statistic	28.16212	Durbin-Watson stat	0.582298
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	0.770254	Mean dependent var	0.110000
Sum squared resid	0.284460	Durbin-Watson stat	0.582298

4. Uji Chow

Redundant Fixed Effects Tests
Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	34.390548	(5,37)	0.0000
Cross-section Chi-square	83.097130	5	0.0000

Cross-section fixed effects test equation:

Dependent Variable: KT?

Method: Panel Least Squares

Date: 01/19/17 Time: 19:40

Sample: 2008 2015

Included observations: 8

Cross-sections included: 6

Total pool (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.670089	0.298511	-5.594729	0.0000
DF?	-0.002209	0.001361	-1.622669	0.1121
LOG(BTL?)	-0.069255	0.034575	-2.003038	0.0517
LOG(BL?)	0.185410	0.025151	7.371897	0.0000
INF?	0.009359	0.004324	2.164179	0.0362
LOG(TK?)	-0.041670	0.024248	-1.718456	0.0931
R-squared	0.770254	Mean dependent var		0.110000
Adjusted R-squared	0.742903	S.D. dependent var		0.162307
S.E. of regression	0.082297	Akaike info criterion		-2.040487
Sum squared resid	0.284460	Schwarz criterion		-1.806587
Log likelihood	54.97168	Hannan-Quinn criter.		-1.952096
F-statistic	28.16212	Durbin-Watson stat		0.582298
Prob(F-statistic)	0.000000			

5. 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	171.952742	5	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
DF?	-0.001493	-0.002209	0.000000	0.0903
LOG(BTL?)	-0.088737	-0.069255	0.000286	0.2493
LOG(BL?)	0.059324	0.185410	0.000422	0.0000
INF?	0.004750	0.009359	0.000001	0.0000
LOG(TK?)	0.239878	-0.041670	0.017794	0.0348

Cross-section random effects test equation:

Dependent Variable: KT?

Method: Panel Least Squares

Date: 01/19/17 Time: 19:41
Sample: 2008 2015
Included observations: 8
Cross-sections included: 6
Total pool (balanced) observations: 48

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.950450	1.922157	-1.534968	0.1333
DF?	-0.001493	0.000742	-2.011471	0.0516
LOG(BTL?)	-0.088737	0.022941	-3.868092	0.0004
LOG(BL?)	0.059324	0.023427	2.532364	0.0157
INF?	0.004750	0.002194	2.164354	0.0370
LOG(TK?)	0.239878	0.133835	1.792346	0.0813

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.959318	Mean dependent var	0.110000
Adjusted R-squared	0.948323	S.D. dependent var	0.162307
S.E. of regression	0.036897	Akaike info criterion	-3.563344
Sum squared resid	0.050370	Schwarz criterion	-3.134527
Log likelihood	96.52025	Hannan-Quinn criter.	-3.401293
F-statistic	87.24947	Durbin-Watson stat	1.572297
Prob(F-statistic)	0.000000		

6. Uji Heterokedasititas

Dependent Variable: RESID?
Method: Pooled EGLS (Cross-section random effects)
Date: 01/19/17 Time: 19:42
Sample: 2008 2015
Included observations: 8
Cross-sections included: 6
Total pool (balanced) observations: 48
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.199282	0.136702	-1.457779	0.1523
DF?	0.000467	0.000623	0.749309	0.4578
LOG(BTL?)	-0.019004	0.015834	-1.200234	0.2368
LOG(BL?)	0.024823	0.011518	2.155149	0.0369
INF?	-0.000113	0.001980	-0.057041	0.9548
LOG(TK?)	0.007290	0.011105	0.656512	0.5151
Random Effects (Cross)				
_DKIJAKARTA--C	-1.44E-17			
_JAWABARAT--C	2.97E-16			
_JAWATENGAH--C	2.57E-17			
_DIYOGYAKARTA--C	3.36E-16			
_JAWATIMUR--C	-7.79E-17			
_BANTEN--C	-5.67E-16			

Effects Specification

	S.D.	Rho
Cross-section random	2.37E-09	0.0000
Idiosyncratic random	0.037688	1.0000

Weighted Statistics			
R-squared	0.160334	Mean dependent var	0.066456
Adjusted R-squared	0.060374	S.D. dependent var	0.039267
S.E. of regression	0.038064	Sum squared resid	0.060851
F-statistic	1.603975	Durbin-Watson stat	1.279011
Prob(F-statistic)	0.180056		
Unweighted Statistics			
R-squared	0.160334	Mean dependent var	0.066456
Sum squared resid	0.060851	Durbin-Watson stat	1.279011

7. Uji Multikolinearitas

	C	DF?	LOG(BTL?)	LOG(BL?)	INF?	LOG(TK?)
C	0.157854	0.005064	-0.009533	-0.000286	0.002699	-0.006360
DF?	0.005064	0.001313	-0.001250	0.001639	-0.000216	-0.000306
LOG(BTL?)	-0.009533	-0.001250	0.001460	0,002385	0.000110	0.000302
LOG(BL?)	-0.000286	0.001639	0,002385	0,001287	-1.76E-05	1.67E-05
INF?	0.002699	-0.000216	0.000110	-1.76E-05	0.000808	-0.000685
LOG(TK?)	-0.006360	-0.000306	0.000302	1.67E-05	-0.000685	0.000993

8. Hasil Estimasi

Substituted Coefficients:

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KT_DKIJAKARTA = 0.432103773253(efek wilayah) - 2.95045049133 -
0.0014931388118*DF_DKIJAKARTA - 0.0887371618618*LOG(BTL_DKIJAKARTA) +
0.059324447108*LOG(BL_DKIJAKARTA) + 0.00474958107167*INF_DKIJAKARTA +
0.239877912576*LOG(TK_DKIJAKARTA)

KT_JAWABARAT = -0.179558795503 - 2.95045049133 - 0.0014931388118*DF_JAWABARAT -
0.0887371618618*LOG(BTL_JAWABARAT) + 0.059324447108*LOG(BL_JAWABARAT) +
0.00474958107167*INF_JAWABARAT + 0.239877912576*LOG(TK_JAWABARAT)

KT_JAWATENGAH = -0.187054539433 - 2.95045049133 - 0.0014931388118*DF_JAWATENGAH -
0.0887371618618*LOG(BTL_JAWATENGAH) + 0.059324447108*LOG(BL_JAWATENGAH) +
0.00474958107167*INF_JAWATENGAH + 0.239877912576*LOG(TK_JAWATENGAH)

KT_DIYOGYAKARTA = 0.187669828053 - 2.95045049133 -
0.0014931388118*DF_DIYOGYAKARTA - 0.0887371618618*LOG(BTL_DIYOGYAKARTA) +
0.059324447108*LOG(BL_DIYOGYAKARTA) + 0.00474958107167*INF_DIYOGYAKARTA +
0.239877912576*LOG(TK_DIYOGYAKARTA)

KT_JAWATIMUR = -0.272479870984 - 2.95045049133 - 0.0014931388118*DF_JAWATIMUR -
0.0887371618618*LOG(BTL_JAWATIMUR) + 0.059324447108*LOG(BL_JAWATIMUR) +
0.00474958107167*INF_JAWATIMUR + 0.239877912576*LOG(TK_JAWATIMUR)

KT_BANTEN = 0.0193196046142 - 2.95045049133 - 0.0014931388118*DF_BANTEN -
0.0887371618618*LOG(BTL_BANTEN) + 0.059324447108*LOG(BL_BANTEN) +
0.00474958107167*INF_BANTEN + 0.239877912576*LOG(TK_BANTEN)