

## LAMPIRAN

### A. Data

KABUPATEN	TAHUN	KMS (000 jiwa)	PDRB seri 2010 (jutaan rupiah)	IPM	UM	Inflasi
KOTA YOGYAKARTA	2011	37,74	18.206.089,70	82,98	808.000	3,88
	2012	37,43	19.189.074,80	83,29	892.660	4,31
	2013	35,62	20.239.557,70	83,61	1.065.247	7,32
	2014	36,6	21.307.763,60	83,78	1.173.300	6,59
	2015	35,98	22.393.014,50	84,56	1.302.500	3,09
	2016	32,06	23.538.101,80	85,32	1.452.400	2,29
SLEMAN	2011	117,32	22.645.851,85	80,04	808.000	3,88
	2012	118,18	23.957.112,76	80,1	892.660	4,31
	2013	110,84	25.367.414,23	80,26	1.026.181	7,32
	2014	110,44	26.713.071,25	80,73	1.127.000	6,59
	2015	110,96	28.098.006,87	81,2	1.200.000	3,09
	2016	96,63	29.573.894,96	82,15	1.338.000	2,29
BANTUL	2011	159,4	12.728.666,29	75,79	808.000	3,88
	2012	159,2	13.407.021,78	76,13	892.660	4,31
	2013	156,6	14.138.719,30	76,78	993.484	7,32
	2014	153,49	14.851.124,13	77,11	1.125.000	6,59
	2015	160,15	15.588.520,43	77,99	1.163.800	3,09
	2016	142,76	16.377.984,32	78,42	1.297.700	2,29
KULONPROGO	2011	92,76	5.246.146,78	69,53	808.000	3,88
	2012	93,21	5.475.148,20	69,74	892.660	4,31
	2013	86,5	5.741.660,29	70,14	954.399	7,32
	2014	84,67	6.004.316,44	70,68	1.069.000	6,59
	2015	88,13	6.281.795,76	71,52	1.138.000	3,09
	2016	84,34	6.580.776,97	72,38	1.268.870	2,29
GUNUNGGIDUL	2011	157,09	9.248.010,90	64,83	808.000	3,88
	2012	157,8	9.695.979,84	65,69	892.660	4,31
	2013	152,4	10.177.432,51	66,31	947.114	7,32
	2014	148,39	10.639.792,32	67,03	988.500	6,59
	2015	155	11.152.363,11	67,41	1.108.249	3,09
	2016	139,15	11.697.446,94	67,82	1.235.700	2,29

## B. Hasil Regresi

### 1. Uji *Commont Effect*

Dependent Variable: KMS  
Method: Panel Least Squares  
Date: 12/10/17 Time: 22:33  
Sample: 2011 2016  
Periods included: 6  
Cross-sections included: 5  
Total panel (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	177442.9	289150.4	0.613670	0.5450
LNPE	11527.85	11477.19	1.004414	0.3248
DESIMAL_IPM	-91552.75	7997.519	-11.44764	0.0000
LNUM	17842.65	5405.367	3.300913	0.0029
DESIMAL_INFLA				
SI	-880461.5	44807.72	-19.64977	0.0000
R-squared	0.983416	Mean dependent var	35905.00	
Adjusted R-squared	0.980762	S.D. dependent var	1904.928	
S.E. of regression	264.2145	Akaike info criterion	14.14241	
Sum squared resid	1745233.	Schwarz criterion	14.37594	
Log likelihood	-207.1362	Hannan-Quinn criter.	14.21712	
F-statistic	370.6114	Durbin-Watson stat	2.984719	
Prob(F-statistic)	0.000000			

## 2. Uji Fixed Effect

Dependent Variable: KMS  
 Method: Panel Least Squares  
 Date: 12/10/17 Time: 22:36  
 Sample: 2011 2016  
 Periods included: 6  
 Cross-sections included: 5  
 Total panel (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	177442.9	315488.9	0.562438	0.5798
LNPE	11527.85	12522.64	0.920561	0.3677
DESIMAL_IPM	-91552.75	8726.008	-10.49194	0.0000
LNUM	17842.65	5897.739	3.025337	0.0064
DESIMAL_INFLA				
SI	-880461.5	48889.23	-18.00931	0.0000

### Effects Specification

#### Cross-section fixed (dummy variables)

R-squared	0.983416	Mean dependent var	35905.00
Adjusted R-squared	0.977098	S.D. dependent var	1904.928
S.E. of regression	288.2817	Akaike info criterion	14.40908
Sum squared resid	1745233.	Schwarz criterion	14.82944
Log likelihood	-207.1362	Hannan-Quinn criter.	14.54355
F-statistic	155.6568	Durbin-Watson stat	2.984719
Prob(F-statistic)	0.000000		

### 3. Uji Random Effect

Dependent Variable: KMS  
 Method: Panel EGLS (Cross-section random effects)  
 Date: 12/10/17 Time: 22:39  
 Sample: 2011 2016  
 Periods included: 6  
 Cross-sections included: 5  
 Total panel (balanced) observations: 30  
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	177442.9	315488.9	0.562438	0.5788
LNPE	11527.85	12522.64	0.920561	0.3661
DESIMAL_IPM	-91552.75	8726.008	-10.49194	0.0000
LNUM	17842.65	5897.739	3.025337	0.0057
DESIMAL_INFLA				
SI	-880461.5	48889.23	-18.00931	0.0000

#### Effects Specification

	S.D.	Rho
Cross-section random	0.000000	0.0000
Idiosyncratic random	288.2817	1.0000

#### Weighted Statistics

R-squared	0.983416	Mean dependent var	35905.00
Adjusted R-squared	0.980762	S.D. dependent var	1904.928
S.E. of regression	264.2145	Sum squared resid	1745233.
F-statistic	370.6114	Durbin-Watson stat	2.984719
Prob(F-statistic)	0.000000		

#### Unweighted Statistics

R-squared	0.983416	Mean dependent var	35905.00
Sum squared resid	1745233.	Durbin-Watson stat	2.984719

#### 4. Uji Chow

Redundant Fixed Effects Tests  
 Equation: Untitled  
 Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	0.000000	(4,21)	1.0000
Cross-section Chi-square	0.000000	4	1.0000

Cross-section fixed effects test equation:

Dependent Variable: KMS

Method: Panel Least Squares

Date: 12/10/17 Time: 22:44

Sample: 2011 2016

Periods included: 6

Cross-sections included: 5

Total panel (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	177442.9	289150.4	0.613670	0.5450
LNPE	11527.85	11477.19	1.004414	0.3248
DESIMAL_IPM	-91552.75	7997.519	-11.44764	0.0000
LNUM	17842.65	5405.367	3.300913	0.0029
DESIMAL_INFLA				
SI	-880461.5	44807.72	-19.64977	0.0000
R-squared	0.983416	Mean dependent var	35905.00	
Adjusted R-squared	0.980762	S.D. dependent var	1904.928	
S.E. of regression	264.2145	Akaike info criterion	14.14241	
Sum squared resid	1745233.	Schwarz criterion	14.37594	
Log likelihood	-207.1362	Hannan-Quinn criter.	14.21712	
F-statistic	370.6114	Durbin-Watson stat	2.984719	
Prob(F-statistic)	0.000000			

5. Uji Hausmant

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	0.000000	4	1.0000

\* Cross-section test variance is invalid. Hausman statistic set to zero.

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

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
	11527.849	11527.8497		
LNPE	783	83	0.000000	1.0000
	-	-		
	91552.753	91552.7539		
DESIMAL_IPM	930	30	0.000000	1.0000
	17842.648	17842.6488		
LNUM	896	96	0.000000	1.0000
	-	-		
DESIMAL_INFLAS	880461.53	880461.531		
I	1286	286	0.000000	1.0000

Cross-section random effects test equation:

Dependent Variable: KMS

Method: Panel Least Squares

Date: 12/10/17 Time: 22:42

Sample: 2011 2016

Periods included: 6

Cross-sections included: 5

Total panel (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	177442.9	315488.9	0.562438	0.5798
LNPE	11527.85	12522.64	0.920561	0.3677
DESIMAL_IPM	-91552.75	8726.008	-10.49194	0.0000
LNUM	17842.65	5897.739	3.025337	0.0064
DESIMAL_INFLAS				
I	-880461.5	48889.23	-18.00931	0.0000

Effects Specification			
Cross-section fixed (dummy variables)			
R-squared	0.983416	Mean dependent var	35905.00
Adjusted R-squared	0.977098	S.D. dependent var	1904.928
S.E. of regression	288.2817	Akaike info criterion	14.40908
Sum squared resid	1745233.	Schwarz criterion	14.82944
Log likelihood	-207.1362	Hannan-Quinn criter.	14.54355
F-statistic	155.6568	Durbin-Watson stat	2.984719
Prob(F-statistic)	0.000000		

#### 6. Uji Lagrange Multiplier

Lagrange multiplier (LM) test for panel

Date: 11/26/17 Time 16: 11

Sample: 2011 2016

Total Panel observations: 30

Probability in ()

Null (no rand. Effect)	Cross-section	Period	Both
Alternative	One-sided	One-sided	
Breusch-Pagan	3.000000 (0.0833)	60.00000 (0.0000)	63.00000 (0.0000)
Honda	-1.732051 (0.9584)	7.745967 (0.0000)	4.252481 (0.0000)
King-Wu	-1.732051 (0.9584)	7.745967 (0.0000)	3.872983 (0.0001)
GHM	- -	- -	60.00000 (0.0000)

## 7. Uji Multikolinearitas

	PE	IPM	UM	Inflasi
PE	1.000000	-0.051072	0.298368	0.807760
IPM	-0.051072	1.000000	-0.284258	-0.060236
UM	0.298368	-0.284258	1.000000	0.323163
Inflasi	0.807760	-0.060236	0.323163	1.000000



8. Uji Heteroskedastisitas

Heteroskedasticity Test: White

F-statistic	0.430338	Prob. F(4,25)	0.7853
Obs*R-squared	1.932559	Prob. Chi-Square(4)	0.7482
Scaled explained SS	1.148638	Prob. Chi-Square(4)	0.8865

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 12/10/17 Time: 22:27

Sample: 1 30

Included observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.97E+09	1.23E+10	0.403828	0.6898
LNPE^2	-3842469.	11628738	-0.330429	0.7438
DESIMAL_IPM^2	5.69E+09	1.23E+11	0.046453	0.9633
LNUM^2	-15224383	49151560	-0.309744	0.7593
DESIMAL_INFLA SI^2	3.99E+09	3.87E+09	1.030148	0.3128
R-squared	0.064419	Mean dependent var	8.51E+08	
Adjusted R-squared	-0.085274	S.D. dependent var	1.13E+09	
S.E. of regression	1.18E+09	Akaike info criterion	44.76546	
Sum squared resid	3.48E+19	Schwarz criterion	44.99899	
Log likelihood	-666.4819	Hannan-Quinn criter.	44.84017	
F-statistic	0.430338	Durbin-Watson stat	0.448605	
Prob(F-statistic)	0.785331			

Perpustakaan Universitas Muhammadiyah Yogyakarta menyatakan bahwa skripsi atas nama :

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Telah dilakukan tes Turnitin dengan indeks similaritasnya sebesar : 12% EXCLUDE MATCHES < 1 %

Semoga surat keterangan ini dapat digunakan sebagaimana mestinya.

Yogyakarta, 2017-12-11  
Pustakawan



M. Jubaidi, SIP.