

## LAMPIRAN

### 1. Data

	<b>Tahun</b>	<b>IPM</b>	<b>GK</b>	<b>GP</b>	<b>PDRB</b>
<b>Sleman</b>	2012	1,90	5,12	4,05	7,38
	2013	1,90	5,32	4,14	7,40
	2014	1,91	5,45	4,60	7,43
	2015	1,91	5,63	4,49	7,45
	2016	1,91	5,54	4,47	7,47
	2017	1,92	5,58	4,63	7,49
<b>Kota_Yogyakarta</b>	2012	1,92	5,15	3,18	7,28
	2013	1,92	5,21	3,48	7,31
	2014	1,92	5,29	3,39	7,33
	2015	1,93	5,40	3,86	7,35
	2016	1,93	5,41	3,49	7,37
	2017	1,93	5,42	3,08	7,39
<b>Bantul</b>	2012	1,92	5,25	3,94	7,13
	2013	1,92	5,26	4,10	7,15
	2014	1,92	5,29	3,87	7,17
	2015	1,93	5,52	4,54	7,19
	2016	1,93	5,75	3,81	7,21
	2017	1,93	5,62	3,25	7,24
<b>Kulon_Progo</b>	2012	1,92	5,17	4,39	6,74
	2013	1,92	5,09	4,05	6,76
	2014	1,92	5,17	3,74	6,78
	2015	1,93	5,35	3,87	6,80
	2016	1,93	5,38	3,95	6,82
	2017	1,93	5,43	4,14	6,84
<b>Gunung_Kidul</b>	2012	1,92	5,14	4,36	6,99
	2013	1,92	5,15	4,17	7,01
	2014	1,92	5,10	4,02	7,03
	2015	1,93	5,38	3,85	7,05
	2016	1,93	5,37	4,34	7,07
	2017	1,93	5,20	4,03	7,09

	<b>Tahun</b>	<b>IPM</b>	<b>GK (Juta Rupiah)</b>	<b>GP (Juta Rupiah)</b>	<b>PDRB (Juta Rupiah)</b>
<b>Sleman</b>	2012	80,10	132536	13975	23957113
	2013	80,26	206860	21801	25367414
	2014	80,73	282862	40214	26713070
	2015	81,20	426783	38704	28098010
	2016	82,15	344002	29384	29573990
	2017	82,85	380627	43133	31155680
<b>Kota_Yogyakarta</b>	2012	83,29	88336	1510	19189075
	2013	83,61	162878	6045	20239560
	2014	83,78	193078	3061	21307600
	2015	84,56	256395	4534	22393015
	2016	85,32	259589	1546	23538102
	2017	85,49	294314	1907	24771538
<b>Bantul</b>	2012	83,29	140107	6895	13407022
	2013	83,61	183270	15778	14138719
	2014	83,78	310415	11729	14851124
	2015	84,56	334880	17453	15588520
	2016	85,32	284061	3267	16376780
	2017	85,49	332619	3829	17211819
<b>Kulon_Progo</b>	2012	83,29	147831	24665	5475148
	2013	83,61	123314	14057	5741660
	2014	83,78	146754	8720	6004316
	2015	84,56	226056	7496	6281900
	2016	85,32	241984	4426	6580780
	2017	85,49	269489	27731	6973630
<b>Gunung_Kidul</b>	2012	83,29	164361	5719	9695980
	2013	83,61	179342	23490	10177433
	2014	83,78	127290	13213	10639790
	2015	84,56	238175	7117	11152360
	2016	85,32	234691	13885	11697450
	2017	85,49	396845	21567	12282490

## 2. Uji Regresi Panel

### a) Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	40.139900	(4,22)	0.0000
Cross-section Chi-square	63.481027	4	0.0000

Cross-section fixed effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 03/04/19 Time: 14:39

Sample: 2012 2017

Included observations: 6

Cross-sections included: 5

Total pool (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.980648	0.042749	46.33177	0.0000
GK?	0.028962	0.007495	3.864151	0.0007
GP?	-0.009167	0.002802	-3.271186	0.0030
PDRB?	-0.024749	0.005574	-4.439810	0.0001
R-squared	0.539353	Mean dependent var	1.921667	
Adjusted R-squared	0.486202	S.D. dependent var	0.008743	
S.E. of regression	0.006267	Akaike info criterion	-7.183528	
Sum squared resid	0.001021	Schwarz criterion	-6.996702	
Log likelihood	111.7529	Hannan-Quinn criter.	-7.123760	
F-statistic	10.14745	Durbin-Watson stat	0.957892	
Prob(F-statistic)	0.000133			

## b) 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	27.684813	3	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
GK?	0.012905	0.030968	0.000015	0.0000
GP?	0.003589	0.001108	0.000000	0.0000
PDRB?	0.091554	0.000382	0.000377	0.0000

Cross-section random effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 03/04/19 Time: 14:41

Sample: 2012 2017

Included observations: 6

Cross-sections included: 5

Total pool (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.183228	0.136807	8.648874	0.0000
GK?	0.012905	0.005426	2.378528	0.0265
GP?	0.003589	0.001729	2.075571	0.0498
PDRB?	0.091554	0.022122	4.138601	0.0004

### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.944488	Mean dependent var	1.921667
Adjusted R-squared	0.926825	S.D. dependent var	0.008743
S.E. of regression	0.002365	Akaike info criterion	-9.032895
Sum squared resid	0.000123	Schwarz criterion	-8.659243
Log likelihood	143.4934	Hannan-Quinn criter.	-8.913361
F-statistic	53.47305	Durbin-Watson stat	2.526351
Prob(F-statistic)	0.000000		

**a) Common**

Dependent Variable: IPM?  
Method: Pooled Least Squares  
Date: 03/04/19 Time: 14:36  
Sample: 2012 2017  
Included observations: 6  
Cross-sections included: 5  
Total pool (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.980648	0.042749	46.33177	0.0000
GK?	0.028962	0.007495	3.864151	0.0007
GP?	-0.009167	0.002802	-3.271186	0.0030
PDRB?	-0.024749	0.005574	-4.439810	0.0001
R-squared	0.539353	Mean dependent var	1.921667	
Adjusted R-squared	0.486202	S.D. dependent var	0.008743	
S.E. of regression	0.006267	Akaike info criterion	-7.183528	
Sum squared resid	0.001021	Schwarz criterion	-6.996702	
Log likelihood	111.7529	Hannan-Quinn criter.	-7.123760	
F-statistic	10.14745	Durbin-Watson stat	0.957892	
Prob(F-statistic)	0.000133			

**b) Fixed**

Dependent Variable: IPM?  
Method: Pooled Least Squares  
Date: 03/04/19 Time: 14:37  
Sample: 2012 2017  
Included observations: 6  
Cross-sections included: 5  
Total pool (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.183228	0.136807	8.648874	0.0000
GK?	0.012905	0.005426	2.378528	0.0265
GP?	0.003589	0.001729	2.075571	0.0498
PDRB?	0.091554	0.022122	4.138601	0.0004
Fixed Effects				
(Cross)				
_SLEMAN--C	-0.041733			
_KOTA_YOGYAK				
ARTA--C	-0.010900			
_BANTUL--C	-0.000111			
_KULON_PROGO-				
-C	0.037736			
_GUNUNG_KIDU				
L--C	0.015009			
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.944488	Mean dependent var	1.921667	
Adjusted R-squared	0.926825	S.D. dependent var	0.008743	
S.E. of regression	0.002365	Akaike info criterion	-9.032895	
Sum squared resid	0.000123	Schwarz criterion	-8.659243	
Log likelihood	143.4934	Hannan-Quinn criter.	-8.913361	
F-statistic	53.47305	Durbin-Watson stat	2.526351	
Prob(F-statistic)	0.000000			

**c) Random**

Dependent Variable: IPM?  
 Method: Pooled EGLS (Cross-section random effects)  
 Date: 03/04/19 Time: 14:39  
 Sample: 2012 2017  
 Included observations: 6  
 Cross-sections included: 5  
 Total pool (balanced) observations: 30  
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.749217	0.066553	26.28296	0.0000
GK?	0.030968	0.003759	8.238992	0.0000
GP?	0.001108	0.001654	0.669787	0.5089
PDRB?	0.000382	0.010620	0.036008	0.9716
Random Effects				
(Cross)				
_SLEMAN--C	-0.016598			
_KOTA_YOGYAKA				
RTA--C	0.004524			
_BANTUL--C	-2.81E-05			
_KULON_PROGO--				
C	0.005527			
_GUNUNG_KIDUL--				
C	0.006575			
Effects Specification				
			S.D.	Rho
Cross-section random			0.005757	0.8556
Idiosyncratic random			0.002365	0.1444
Weighted Statistics				
R-squared	0.691793	Mean dependent var		0.317857
Adjusted R-squared	0.656231	S.D. dependent var		0.005632
S.E. of regression	0.003302	Sum squared resid		0.000283
F-statistic	19.45297	Durbin-Watson stat		1.491451
Prob(F-statistic)	0.000001			
Unweighted Statistics				
R-squared	-0.156852	Mean dependent var		1.921667
Sum squared resid	0.002564	Durbin-Watson stat		0.164882

### 3. Uji Asumsi Klasik

#### a) Uji Heteroskedastisitas

Heteroskedasticity Test: Glejser

F-statistic	1.176366	Prob. F(3,26)	0.3379
Obs*R-squared	3.585377	Prob. Chi-Square(3)	0.3099
Scaled explained SS	2.875482	Prob. Chi-Square(3)	0.4112

Test Equation:

Dependent Variable: ARESID

Method: Least Squares

Date: 03/04/19 Time: 14:42

Sample: 1 30

Included observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.010780	0.027043	-0.398625	0.6934
GK	-0.007257	0.005840	-1.242568	0.2251
GP	0.002572	0.001935	1.328854	0.1954
PDRB	0.006191	0.003713	1.667539	0.1074

R-squared	0.119513	Mean dependent var	0.005394
Adjusted R-squared	0.017918	S.D. dependent var	0.003905
S.E. of regression	0.003869	Akaike info criterion	-8.147826
Sum squared resid	0.000389	Schwarz criterion	-7.961000
Log likelihood	126.2174	Hannan-Quinn criter.	-8.088059
F-statistic	1.176366	Durbin-Watson stat	1.452840
Prob(F-statistic)	0.337851		

#### b) Uji Multikolinearitas

	GK	GP	PDRB
GK	1.000000	0.378447	0.476955
GP	0.378447	1.000000	-0.067542
PDRB	0.476955	-0.067542	1.000000