

LAMPIRAN

Data Asli

KAB/KOTA	Tahun	IPM (persen)	Kemiskinan (persen)	PDRB (rupiah)	UMR (rupiah)
Kabupaten Lombok Barat	2011	61.64	19.70	1,875,977	960,000
	2012	62.24	17.91	7,827,192	1,025,000
	2013	62.91	17.42	8,238,697	1,075,000
	2014	63.52	17.20	8,690,579	1,225,000
	2015	64.62	17.38	9,245,545	1,400,000
Kabupaten Lombok Tengah	2011	59.77	18.14	2,426,396	950,000
	2012	60.57	16.72	8,616,438	1,010,000
	2013	61.25	16.20	9,153,911	1,060,000
	2014	61.88	16.03	9,728,570	1,190,000
	2015	62.74	16.26	10,264,392	1,331,000
Kabupaten Lombok Timur	2011	59.84	21.71	3,152,254	1,150,000
	2012	60.73	20.07	10,173,536	1,150,000
	2013	61.43	19.15	10,734,563	1,212,000
	2014	62.07	19.00	11,248,644	1,335,000
	2015	62.83	19.14	11,913,551	1,335,000
Kabupaten Sumbawa	2011	61.50	19.82	1,959,700	950,000
	2012	61.96	18.26	7,410,212	1,000,000
	2013	62.44	17.04	7,500,252	1,075,000
	2014	62.88	16.87	7,996,206	1,340,000
	2015	63.91	16.70	8,446,027	1,420,000
Kabupaten Dompu	2011	61.84	18.17	1,005,936	970,000
	2012	62.60	16.58	3,511,426	1,050,000
	2013	63.16	15.70	3,688,727	1,150,000
	2014	63.53	15.46	3,914,698	1,250,000
	2015	64.56	15.11	4,129,577	1,350,000
Kabupaten Bima	2011	60.62	17.66	5,723,488	950,000
	2012	61.05	16.23	6,006,574	1,050,000
	2013	62.08	16.08	6,016,134	1,123,500
	2014	62.61	16.04	6,377,546	1,500,000
	2015	63.48	15.85	6,742,808	1,500,000
Kabupaten Sumbawa Barat	2011	65.94	19.88	4,051,669	950,000
	2012	66.45	17.60	10,836,577	1,060,000
	2013	66.86	17.10	11,218,818	1,115,000
	2014	67.19	16.71	11,070,856	1,335,000
	2015	68.38	16.87	22,924,173	1,463,000
	2011	57.13	34.00	2,684,527	920,000

Kabupaten Lombok Utara	2012	58.19	35.99	2,597,797	1,050,000
	2013	59.20	34.63	2,704,664	1,130,000
	2014	60.17	34.27	2,828,073	1,350,000
	2015	61.15	34.13	2,958,041	1,485,000
kota Mataram	2011	73.50	13.18	2,358,596	966,000
	2012	74.22	11.87	8,476,038	1,043,000
	2013	75.22	10.75	9,149,725	1,120,000
	2014	75.93	10.53	9,890,430	1,260,000
	2015	76.37	10.45	10,680,788	1,405,000
kota Bima	2011	70.57	11.69	1,484,667	950,000
	2012	71.21	10.54	2,062,497	1,026,000
	2013	71.72	9.91	2,177,543	1,087,560
	2014	72.23	9.74	2,305,289	1,250,000
	2015	72.99	9.85	2,437,609	1,500,000

Common Effect

Dependent Variable: IPM?
Method: Pooled Least Squares
Date: 03/06/17 Time: 09:33
Sample: 2011 2015
Included observations: 5
Cross-sections included: 10
Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
KM?	-0.507722	0.078399	-6.476146	0.0000
LOG(PDRB?)	-0.248755	0.585342	-0.424974	0.6728
LOG(UMR?)	5.532949	0.666602	8.300226	0.0000
R-squared	0.526034	Mean dependent var		64.61760
Adjusted R-squared	0.505865	S.D. dependent var		4.980998
S.E. of regression	3.501380	Akaike info criterion		5.402316
Sum squared resid	576.2040	Schwarz criterion		5.517037
Log likelihood	-132.0579	Hannan-Quinn criter.		5.446002
Durbin-Watson stat	0.368139			

Fixed Effect

Dependent Variable: IPM?
Method: Pooled Least Squares
Date: 03/06/17 Time: 09:33
Sample: 2011 2015
Included observations: 5
Cross-sections included: 10
Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	50.23888	9.100683	5.520342	0.0000
KM?	-0.422848	0.172200	-2.455561	0.0189
LOG(PDRB?)	0.808876	0.306728	2.637116	0.0122
LOG(UMR?)	0.674477	0.332422	2.028978	0.0497
Fixed Effects (Cross)				
_1--C	-1.733633			
_2--C	-4.100382			
_3--C	-2.852793			
_4--C	-2.223623			
_5--C	-1.699758			
_6--C	-3.437096			
_7--C	1.682953			
_8--C	2.358280			
_9--C	7.117181			
_10--C	4.888871			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.985077	Mean dependent var	64.61760
Adjusted R-squared	0.980237	S.D. dependent var	4.980998
S.E. of regression	0.700240	Akaike info criterion	2.344107
Sum squared resid	18.14243	Schwarz criterion	2.841233
Log likelihood	-45.60268	Hannan-Quinn criter.	2.533416
F-statistic	203.5279	Durbin-Watson stat	1.251485
Prob(F-statistic)	0.000000		

Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	120.793988	(9,37)	0.0000
Cross-section Chi-square	170.693045	9	0.0000

Cross-section fixed effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 03/06/17 Time: 09:34

Sample: 2011 2015

Included observations: 5

Cross-sections included: 10

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
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C	33.44404	23.15646	1.444264	0.1554
KM?	-0.537514	0.080206	-6.701630	0.0000
LOG(PDRB?)	-0.618278	0.632732	-0.977156	0.3336
LOG(UMR?)	3.591841	1.496894	2.399530	0.0205
R-squared	0.546594	Mean dependent var	64.61760	
Adjusted R-squared	0.517024	S.D. dependent var	4.980998	
S.E. of regression	3.461619	Akaike info criterion	5.397968	
Sum squared resid	551.2090	Schwarz criterion	5.550930	
Log likelihood	-130.9492	Hannan-Quinn criter.	5.456217	
F-statistic	18.48476	Durbin-Watson stat	0.208431	
Prob(F-statistic)	0.000000			

Random Effect

Dependent Variable: IPM?
Method: Pooled EGLS (Cross-section random effects)
Date: 03/06/17 Time: 09:33
Sample: 2011 2015
Included observations: 5
Cross-sections included: 10
Total pool (balanced) observations: 50
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	53.27219	7.223300	7.375048	0.0000
KM?	-0.497262	0.108549	-4.580994	0.0000
LOG(PDRB?)	0.669201	0.241061	2.776062	0.0079
LOG(UMR?)	0.706735	0.331339	2.132968	0.0383
Random Effects (Cross)				
_1--C	-1.673872			
_2--C	-4.081415			
_3--C	-2.599093			
_4--C	-2.178919			
_5--C	-1.872732			
_6--C	-3.472832			
_7--C	1.744800			
_8--C	3.435165			
_9--C	6.579887			
_10--C	4.119010			
Effects Specification				
		S.D.	Rho	
Cross-section random		2.686228	0.9364	
Idiosyncratic random		0.700240	0.0636	

Weighted Statistics			
R-squared	0.602651	Mean dependent var	7.482360
Adjusted R-squared	0.576737	S.D. dependent var	1.169679
S.E. of regression	0.760978	Sum squared resid	26.63802
F-statistic	23.25573	Durbin-Watson stat	0.854411
Prob(F-statistic)	0.000000		
Unweighted Statistics			
R-squared	0.471020	Mean dependent var	64.61760
Sum squared resid	643.0851	Durbin-Watson stat	0.035392

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	11.326061	3	0.0101

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
KM?	-0.422848	-0.497262	0.017870	0.5778
LOG(PDRB?)	0.808876	0.669201	0.035971	0.4615
LOG(UMR?)	0.674477	0.706735	0.000719	0.2289

Cross-section random effects test equation:

Dependent Variable: IPM?

Method: Panel Least Squares

Date: 03/06/17 Time: 09:34

Sample: 2011 2015

Included observations: 5

Cross-sections included: 10

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	50.23888	9.100683	5.520342	0.0000

KM?	-0.422848	0.172200	-2.455561	0.0189
LOG(PDRB?)	0.808876	0.306728	2.637116	0.0122
LOG(UMR?)	0.674477	0.332422	2.028978	0.0497

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.985077	Mean dependent var	64.61760
Adjusted R-squared	0.980237	S.D. dependent var	4.980998
S.E. of regression	0.700240	Akaike info criterion	2.344107
Sum squared resid	18.14243	Schwarz criterion	2.841233
Log likelihood	-45.60268	Hannan-Quinn criter.	2.533416
F-statistic	203.5279	Durbin-Watson stat	1.251485
Prob(F-statistic)	0.000000		

Uji Multikolinieritas

	KM	LOG(PDRB)	LOG(UMR)
KM	1.000000	-0.338962	-0.117674
LOG(PDRB)	-0.338962	1.000000	0.071039
LOG(UMR)	-0.117674	0.071039	1.000000

Uji Heteroskedastisitas

Dependent Variable: RESID?
Method: Pooled Least Squares
Date: 03/06/17 Time: 09:31
Sample: 2011 2015
Included observations: 5
Cross-sections included: 10
Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.418873	4.253922	-0.098467	0.9221
KM?	-0.017707	0.080491	-0.219983	0.8271
LOG(PDRB?)	-0.122579	0.143373	-0.854961	0.3981
LOG(UMR?)	0.224345	0.155384	1.443810	0.1572
Fixed Effects (Cross)				
_LombokBarat--C	0.102564			
_LombokTengah--C	-0.030639			
_LombokTimur--C	-0.006113			
_Sumbawa--C	0.060798			
_Dompu--C	-0.170046			

_ Bima--C	0.064030
_ SumbawaBarat --C	0.034469
_ LombokUtara--C	0.428817
_ KotaMataram--C	-0.131503
_ KotaBima--C	-0.352377

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.180953	Mean dependent var	0.515805
Adjusted R-squared	-0.084683	S.D. dependent var	0.314276
S.E. of regression	0.327312	Akaike info criterion	0.823091
Sum squared resid	3.963935	Schwarz criterion	1.320217
Log likelihood	-7.577284	Hannan-Quinn criter.	1.012400
F-statistic	0.681206	Durbin-Watson stat	2.372191
Prob(F-statistic)	0.758080		
