

LAMPIRAN

Data Asli

Kota/Kab	Tahun	Kemiskinan (Rp)	Belanja Daerah (Rp)	PDRB (Rp)	IPM (%)
kotakupang	2010	35600	550.005	9066270	74,81
	2011	34470	585.356	9867240	75,74
	2012	35000	667.037	10609470	76,38
	2013	33800	756.329	11373410	77,24
	2014	33300	902.402	12167310	77,58
	2015	33730	945.523	13013130	77,95
kab.kupang	2010	63100	591.913	3107880	58,57
	2011	61020	670.818	3257070	59,74
	2012	61900	690.760	3421350	60,34
	2013	61500	787.363	3594750	61,07
	2014	64960	792.303	3778020	61,68
	2015	63980	802.231	3968150	62,04
kab.TTU	2010	52200	403.753	1913400	56,93
	2011	50490	474.231	2000190	57,87
	2012	51200	545.827	2088470	59,04
	2013	51800	546.436	2180040	59,56
	2014	50720	643.792	2276630	60,41
	2015	50960	679.672	2379640	60,96
kab. TTS	2010	126600	518.955	3188770	55,72
	2011	122320	636.330	3320190	56,82
	2012	124000	690.964	3459000	57,94
	2013	126000	825.666	3606170	58,96
	2014	122490	826.584	3763310	59,41
	2015	124010	845.562	3928830	59,9
Kab.rote	2010	39500	310.352	1246020	54,79
	2011	38230	370.204	1307040	55,78
	2012	38700	374.042	1364970	56,56

	2013	39100	421.131	1422930	57,28
	2014	38550	484.182	1492120	57,82
	2015	35010	511.562	1567820	58,32
kab.sumbabarat	2010	35300	336.636	93086	58,5
	2011	34080	403.595	97576	59,33
	2012	34600	373.339	102489	59,98
	2013	34200	403.695	107782	60,55
	2014	33470	415.900	112910	60,9
	2015	33350	445.711	118352	61,36
kab.sumbatimur	2010	65700	508.488	255685	59,94
	2011	63530	563.306	268989	60,43
	2012	64400	574.498	282664	60,89
	2013	66100	702.458	296985	61,44
	2014	64720	753.163	311797	62,04
	2015	64670	801.900	327522	62,54
kab.mangbar	2010	45300	362.185	151276	57,08
	2011	43830	438.791	155690	57,75
	2012	44400	450.946	161646	58,13
	2013	44100	490.199	168904	59,02
	2014	44250	586.930	175025	59,64
	2015	43980	645.790	182273	60,04
kab.Mangarai	2010	67100	445.282	191808	57,18
	2011	64780	493.337	202194	58,02
	2012	65700	554.635	212858	58,92
	2013	65200	648.956	224420	59,49
	2014	63860	747.457	235841	60,08
	2015	63010	795.914	247971	60,87
kab.ngada	2010	17200	374.482	146515	61,84
	2011	16610	414.805	154573	62,8
	2012	16800	449.524	164179	63,57

	2013	16900	473.141	172530	64,43
	2014	16470	536.833	180858	64,64
	2015	16850	611.107	189651	65,1
kab.sikka	2010	40200	456.176	202769	59,04
	2011	38910	526.776	230632	59,62
	2012	39400	609.170	239648	60,12
	2013	39200	659.437	249722	60,85
	2014	38280	699.660	260890	61,36
	2015	37640	756.120	272099	61,81
kab.flotim	2010	22400	422.370	232444	57,28
	2011	21630	495.239	242925	58,15
	2012	21900	600.899	253643	58,93
	2013	19600	647.472	256876	59,8
	2014	19210	707.722	278861	60,42
	2015	19020	771.423	292629	61,24
kab.lembata	2010	40300	316.161	75508	57,78
	2011	38910	385.704	79201	58,76
	2012	39400	417.411	82979	59,51
	2013	39600	467.254	87092	60,56
	2014	38720	471.414	91528	61,45
	2015	38830	508.231	96110	62,16
kab.Alor	2010	40300	394.712	130216	55,46
	2011	38910	488.699	137538	56,01
	2012	39400	573.006	144194	56,47
	2013	39600	629.845	150316	57,51
	2014	38720	682.323	156934	58
	2015	37830	703.200	163540	58,5
kab.Ende	2010	56400	459.078	264008	61,92
	2011	54550	531.310	277530	62,78
	2012	55300	614.515	292134	63,93

	2013	56200	649.070	307703	64,64
	2014	54740	737.235	323654	62,25
	2015	54320	798.457	340766	65,54
kab.Sumbatengah	2010	21300	285.625	50044	55,35
	2011	20560	368.119	52111	56,21
	2012	20800	330.605	54282	56,66
	2013	21300	328.259	56665	57,25
	2014	21260	356.287	59058	57,6
	2015	20690	368.460	61890	57,91
kab.sumbabaratdaya	2010	82200	343.497	148180	56,37
	2011	82700	458.964	155061	57,35
	2012	83300	428.470	165091	58,22
	2013	82700	468.602	174245	59,26
	2014	81000	491.322	181234	59,9
	2015	80560	523.561	189609	60,53
kab.manggaraiTimur	2010	65700	315.331	128660	54,26
	2011	63530	481584	134547	54,97
	2012	64400	551582	142624	55,28
	2013	66100	506.636	150245	55,74
	2014	64720	538.947	158214	56,58
	2015	64670	557.926	166547	56,28
kab.saburajua	2010	30500	99.260	47978	48,94
	2011	29540	200.431	52313	49,16
	2012	29900	301.660	55582	50,3
	2013	25300	327.764	58384	51,55
	2014	24800	377.667	61396	52,51
	2015	24430	395.717	64494	53,28
kab.Nagekeo	2010	16500	310.208	91729	60,19
	2011	16030	386.378	95773	61,05
	2012	16200	432.166	100019	61,60

	2013	16500	426.714	104560	62,24
	2014	16640	491.654	109365	62,71
	2015	16000	522.341	114445	63,33
Belu	2010	32745	541.846	183449	55,78
	2011	32252	565.064	191324	56,63
	2012	31870	501.292	201421	57,58
	2013	29980	800.235	213580	59,12
	2014	31560	856.372	225484	59,72
	2015	32300	792.110	237869	60,54

Common Effect

Dependent Variable: LOG(KM?)
Method: Pooled Least Squares
Date: 02/19/17 Time: 09:51
Sample: 2010 2015
Included observations: 6
Cross-sections included: 21
Total pool (balanced) observations: 126

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG(BELANJA?)	0.948353	0.043016	22.04637	0.0000
LOG(PDRB?)	0.155053	0.031710	4.889687	0.0000
IPM?	-0.063891	0.009752	-6.551619	0.0000
R-squared	0.342656	Mean dependent var		10.61151
Adjusted R-squared	0.331968	S.D. dependent var		0.516737
S.E. of regression	0.422346	Akaike info criterion		1.137538
Sum squared resid	21.94027	Schwarz criterion		1.205068
Log likelihood	-68.66488	Hannan-Quinn criter.		1.164973
Durbin-Watson stat	0.107115			

Fixed Effect

Dependent Variable: LOG(KM?)

Method: Pooled Least Squares

Date: 02/19/17 Time: 09:52

Sample: 2010 2015

Included observations: 6

Cross-sections included: 21

Total pool (balanced) observations: 126

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	10.44512	0.760252	13.73902	0.0000
LOG(BELANJA?)	-0.119105	0.025554	-4.660854	0.0000
LOG(PDRB?)	0.175584	0.090131	1.948096	0.0542
IPM?	-0.008199	0.005891	-1.391862	0.1670
Fixed Effects (Cross)				
_KOTAKUPANG--C	-0.613309			
_KABKUPANG--C	0.057971			
_KABTTU--C	-0.102941			
_KABTTS--C	0.719051			
_KABROTE--C	-0.376618			
_KABSUMBABARAT--C	-0.008723			
_KABSUMBATIMUR--C	0.521056			
_KABMANGGARAI--C	0.184207			
_KABNGADA--C	0.546657			
_KABMANGGARAI--C	-0.749519			
_KABENDE--C	0.030276			
_KABSIKKA--C	-0.631521			
_KABFLOTIM--C	0.175572			
_KABLEMBATA--C	0.085788			
_KABALOR--C	0.369599			
_KABNEGEKEO--C	-0.429514			
_KABBELU--C	0.787853			
_KABSABU--C	0.560599			
_KABSBD--C	-0.250017			
_KABSUMBATENGAH--C	-0.721191			
_KABMANGGARAITMR--C	-0.155277			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.997809	Mean dependent var	10.61151
Adjusted R-squared	0.997314	S.D. dependent var	0.516737
S.E. of regression	0.026779	Akaike info criterion	-4.232771
Sum squared resid	0.073145	Schwarz criterion	-3.692527
Log likelihood	290.6646	Hannan-Quinn criter.	-4.013286
F-statistic	2019.237	Durbin-Watson stat	1.462713
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	1425.750320	(20,102)	0.0000
Cross-section Chi-square	710.234738	20	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(KM?)

Method: Panel Least Squares

Date: 02/19/17 Time: 09:54

Sample: 2010 2015

Included observations: 6

Cross-sections included: 21

Total pool (balanced) observations: 126

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.573118	1.574547	2.904402	0.0044
LOG(BELANJA?)	0.558020	0.140736	3.965011	0.0001
LOG(PDRB?)	0.182475	0.032208	5.665509	0.0000
IPM?	-0.060313	0.009550	-6.315769	0.0000
R-squared	0.385168	Mean dependent var		10.61151
Adjusted R-squared	0.370049	S.D. dependent var		0.516737
S.E. of regression	0.410131	Akaike info criterion		1.086553
Sum squared resid	20.52134	Schwarz criterion		1.176593
Log likelihood	-64.45281	Hannan-Quinn criter.		1.123133
F-statistic	25.47608	Durbin-Watson stat		0.043738
Prob(F-statistic)	0.000000			

Random Effect

Dependent Variable: LOG(KM?)
 Method: Pooled EGLS (Cross-section random effects)
 Date: 02/19/17 Time: 09:54
 Sample: 2010 2015
 Included observations: 6
 Cross-sections included: 21
 Total pool (balanced) observations: 126
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	10.34327	0.497724	20.78114	0.0000
LOG(BELANJA?)	-0.112978	0.024035	-4.700512	0.0000
LOG(PDRB?)	0.185600	0.056114	3.307536	0.0012
IPM?	-0.009963	0.004757	-2.094431	0.0383
Random Effects (Cross)				
_KOTAKUPANG--C	-0.620901			
_KABKUPANG--C	0.033054			
_KABTTU—C	-0.123583			
_KABTTS—C	0.689357			
_KABROTE—C	-0.395258			
_KABSUMBABARAT--C	0.004362			
_KABSUMBATIMUR--C	0.522628			
_KABMANGGARAI—C	0.188703			
_KABNGADA—C	0.547705			
_KABMANGGARAI--C	-0.735300			
_KABENDE—C	0.032984			
_KABSIKKA—C	-0.630979			
_KABFLOTIM—C	0.190108			
_KABLEMBATA--C	0.087762			
_KABALOR—C	0.375171			
_KABNEGEKEO--C	-0.414598			
_KABBELU—C	0.792280			
_KABSABU—C	0.560681			
_KABSBD—C	-0.244067			
_KABSUMBATENGAH—C	-0.704714			
_KABMANGGARAITMR—C	-0.155396			

Effects Specification		S.D.	Rho
Cross-section random		0.428837	0.9961
Idiosyncratic random		0.026779	0.0039

Weighted Statistics			
R-squared	0.372162	Mean dependent var	0.270433
Adjusted R-squared	0.356724	S.D. dependent var	0.033984
S.E. of regression	0.027257	Sum squared resid	0.090639
F-statistic	24.10592	Durbin-Watson stat	1.175356
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.194863	Mean dependent var	10.61151
Sum squared resid	26.87319	Durbin-Watson stat	0.003964

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	7.396729	3	0.0603

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(BELANJA?)	-0.119105	-0.112978	0.000075	0.4802
LOG(PDRB?)	0.175584	0.185600	0.004975	0.8871
IPM?	-0.008199	-0.009963	0.000012	0.6118

Cross-section random effects test equation:

Dependent Variable: LOG(KM?)

Method: Panel Least Squares

Date: 02/19/17 Time: 09:55

Sample: 2010 2015

Included observations: 6

Cross-sections included: 21

Total pool (balanced) observations: 126

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	10.44512	0.760252	13.73902	0.0000
LOG(BELANJA?)	-0.119105	0.025554	-4.660854	0.0000
LOG(PDRB?)	0.175584	0.090131	1.948096	0.0542
IPM?	-0.008199	0.005891	-1.391862	0.1670

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.997809	Mean dependent var	10.61151
Adjusted R-squared	0.997314	S.D. dependent var	0.516737
S.E. of regression	0.026779	Akaike info criterion	-4.232771
Sum squared resid	0.073145	Schwarz criterion	-3.692527
Log likelihood	290.6646	Hannan-Quinn criter.	-4.013286
F-statistic	2019.237	Durbin-Watson stat	1.462713
Prob(F-statistic)	0.000000		

Uji Heteroskedastisitas

Dependent Variable: RESID?
 Method: Pooled EGLS (Cross-section random effects)
 Date: 02/19/17 Time: 10:20
 Sample: 2010 2015
 Included observations: 6
 Cross-sections included: 21
 Total pool (balanced) observations: 126
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.245151	0.365684	0.670391	0.5039
LOG(BELANJA?)	0.008696	0.021693	0.400873	0.6892
LOG(PDRB?)	-0.033840	0.040066	-0.844623	0.4000
IPM?	0.007572	0.004054	1.867844	0.0642
Random Effects (Cross)				
_KOTAKUPANG--C	0.226878			
_KABKUPANG--C	-0.277626			
_KABTTU--C	-0.190578			
_KABTTS--C	0.397032			
_KABROTE--C	0.086969			
_KABSUMBABARAT--C	-0.405680			
_KABSUMBATIMUR--C	0.123430			
_KABMANGGARAI-BRT--C	-0.207085			
_KABNGADA--C	0.155550			
_KABMANGGARAI--C	0.301094			
_KABENDE--C	-0.365888			
_KABSIKKA--C	0.242999			
_KABFLOTIM--C	-0.237704			
_KABLEMBATA--C	-0.301115			
_KABALOR--C	-0.039825			
_KABNEGEKEO--C	-0.001626			
_KABBELU--C	0.397380			
_KABSABU--C	0.183890			
_KABSBD--C	-0.124728			
_KABSUMBATENGAH--C	0.269033			
_KABMANGGARAITMR--C	-0.232402			

Effects Specification

	S.D.	Rho
Cross-section random	0.272880	0.9918
Idiosyncratic random	0.024758	0.0082

Weighted Statistics

R-squared	0.104391	Mean dependent var	0.014216
Adjusted R-squared	0.082367	S.D. dependent var	0.025812
S.E. of regression	0.024726	Sum squared resid	0.074590
F-statistic	4.740029	Durbin-Watson stat	1.351184
Prob(F-statistic)	0.003663		

Unweighted Statistics

R-squared	0.017411	Mean dependent var	0.384061
Sum squared resid	8.143490	Durbin-Watson stat	0.012376

Uji Multikolinearitas

	C	LOG(BEL?)	LOG(PDRB?)	IPM?
C	0.247729	-3.40E-05	-0.025877	0.001489
LOG(BEL?)	-3.40E-05	0.000578	-0.000320	-5.87E-05
LOG(PDRB?)	-0.025877	-0.000320	0.003149	-0.000164
IPM?	0.001489	-5.87E-05	-0.000164	2.26E-05