

## LAMPIRAN

Kabupaten/Kota	Tahun	PDRB	TK	INV	PAR
Maluku Tenggara Barat	2012	1127428,53	45021	3723196	148
	2013	1185488,64	43957	3776196	210
	2014	1256050,61	41693	3833296	211
	2015	1321392,62	50800	3892946	224
Maluku Barat Daya	2012	688975,7	36215	1527975	135
	2013	732569,65	32723	2579975	160
	2014	835598,54	35982	2834175	148
	2015	845509,99	31968	4111363	152
Maluku Tenggara	2012	1323969,14	41356	4483512	228
	2013	1400550,38	40292	4588512	231
	2014	1487036,16	40640	4750512	148
	2015	1569399,96	44021	1852375	143
Maluku Tengah	2012	3980225,4	144154	6953580	730
	2013	4167895,97	121106	7036180	504
	2014	4429044,98	119002	77144680	703
	2015	4668760,72	127119	94940162	736
Buru	2012	1061575,49	46148	4149510	206
	2013	1108482,91	49218	4194510	326
	2014	1177518,67	52371	4246610	303
	2015	1238094,91	52952	4149510	326
Buru Selatan	2012	590025,26	21059	1218165	177
	2013	621698,12	19803	1257865	195
	2014	660559,68	22931	1309865	181
	2015	705379,31	22445	2387970	241
Kepulauan Aru	2012	1530370,68	35491	2326484	224
	2013	1624364,75	35175	3314784	210
	2014	1734052,01	37191	3365384	213
	2015	1815439,26	39174	4435350	243
Seram Bagian Barat	2012	1342284,18	68362	3662513	263
	2013	1403352,79	62740	3758113	225
	2014	1487562,52	52676	3860113	301
	2015	1578493,75	63966	1362815	309
Seram Bagian Timur	2012	1488346,93	36977	1247190	168
	2013	1537041,7	34556	2734190	267
	2014	1663493,13	32958	4839190	313
	2015	1760234,28	46165	4955984	244
Kota Ambon	2012	6861334,95	115343	6106576	1075

	2013	7274166,27	136793	8002586	1278
	2014	7705311,57	144345	16478910	1138
	2015	8190476,57	153824	16457936	1167
Kota Tual	2012	1005343,55	20236	3114902	850
	2013	1066300,3	22429	3163402	221
	2014	1132473,24	21862	3217402	305
	2015	1196770,13	22629	3275052	116

## 1. Uji Heterokedastisitas

Dependent Variable: RESID?  
 Method: Pooled Least Squares  
 Date: 02/23/18 Time: 21:38  
 Sample: 2012 2015  
 Included observations: 4  
 Cross-sections included: 11  
 Total pool (balanced) observations: 44

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.290497	0.591032	-0.491508	0.6266
LOG(TK?)	0.053178	0.052571	1.011555	0.3198
LOG(INV?)	-0.014154	0.008127	-1.741688	0.0918
LOG(PAR?)	-0.003689	0.015486	-0.238237	0.8133
Fixed Effects				
(Cross)				
_MTB--C	0.005165			
_MBD--C	0.033280			
_MALRA--C	0.017364			
_MALTENG--C	-0.042432			
_BURU--C	-0.007392			
_BURSEL--C	0.015771			
_KEPARU--C	0.002102			
_SBB--C	0.025548			
_SBT--C	-0.013697			
_AMBON--C	-0.068778			
_TUAL--C	0.033069			

### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.520445	Mean dependent var	0.044740
Adjusted R-squared	0.312638	S.D. dependent var	0.031473
S.E. of regression	0.026093	Akaike info criterion	-4.200916
Sum squared resid	0.020426	Schwarz criterion	-3.633220
Log likelihood	106.4202	Hannan-Quinn criter.	-3.990387
F-statistic	2.504464	Durbin-Watson stat	2.789069
Prob(F-statistic)	0.018650		

## 2. Uji Multikolinieritas

	JAK	INV	PAR
JAK	1.000000	0.808813	0.834165
INV	0.808813	1.000000	0.883936
PAR	0.834165	0.883936	1.000000

## 3. Uji chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	63.951783	(10,30)	0.0000
Cross-section Chi-square	136.635858	10	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(PDRB?)

Method: Panel Least Squares

Date: 02/21/18 Time: 00:36

Sample: 2012 2015

Included observations: 4

Cross-sections included: 11

Total pool (balanced) observations: 44

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.939000	0.871131	4.521707	0.0001
LOG(TK?)	0.637539	0.115354	5.526825	0.0000
LOG(INV?)	0.084408	0.069508	1.214361	0.2317
LOG(PAR?)	0.387234	0.098124	3.946359	0.0003
R-squared	0.857478	Mean dependent var	14.26361	
Adjusted R-squared	0.846789	S.D. dependent var	0.689806	
S.E. of regression	0.270005	Akaike info criterion	0.305756	
Sum squared resid	2.916111	Schwarz criterion	0.467955	
Log likelihood	-2.726641	Hannan-Quinn criter.	0.365908	
F-statistic	80.21947	Durbin-Watson stat	0.363079	
Prob(F-statistic)	0.000000			

#### 4. Uji haustmant

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	19.809222	3	0.0002

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(TK?)	0.297367	0.625276	0.008498	0.0004
LOG(INV?)	0.059688	0.065546	0.000005	0.0114
LOG(PAR?)	-0.024753	0.021866	0.000112	0.0000

Cross-section random effects test equation:

Dependent Variable: LOG(PDRB?)

Method: Panel Least Squares

Date: 02/21/18 Time: 00:36

Sample: 2012 2015

Included observations: 4

Cross-sections included: 11

Total pool (balanced) observations: 44

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	10.29848	1.494878	6.889177	0.0000
LOG(TK?)	0.297367	0.132965	2.236435	0.0329
LOG(INV?)	0.059688	0.020554	2.903892	0.0069
LOG(PAR?)	-0.024753	0.039169	-0.631940	0.5322

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.993614	Mean dependent var	14.26361
Adjusted R-squared	0.990846	S.D. dependent var	0.689806
S.E. of regression	0.065997	Akaike info criterion	-2.345059
Sum squared resid	0.130666	Schwarz criterion	-1.777362
Log likelihood	65.59129	Hannan-Quinn criter.	-2.134529
F-statistic	359.0496	Durbin-Watson stat	1.018303

Prob(F-statistic) 0.000000

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## 5. Fixed Effect Model

Dependent Variable: LOG(PDRB?)

Method: Pooled Least Squares

Date: 02/21/18 Time: 00:34

Sample: 2012 2015

Included observations: 4

Cross-sections included: 11

Total pool (balanced) observations: 44

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Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	10.29848	1.494878	6.889177	0.0000
LOG(TK?)	0.297367	0.132965	2.236435	0.0329
LOG(INV?)	0.059688	0.020554	2.903892	0.0069
LOG(PAR?)	-0.024753	0.039169	-0.631940	0.5322
Fixed Effects				
(Cross)				
_MTB--C	-0.245297			
_MBD--C	-0.602952			
_MALRA--C	-0.052413			
_MALTENG--C	0.625992			
_BURU--C	-0.336167			
_BURSEL--C	-0.608654			
_KEPARU--C	0.144019			
_SBB--C	-0.140742			
_SBT--C	0.107398			
_AMBON--C	1.222493			
_TUAL--C	-0.113678			

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### Effects Specification

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Cross-section fixed (dummy variables)

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R-squared	0.993614	Mean dependent var	14.26361
Adjusted R-squared	0.990846	S.D. dependent var	0.689806
S.E. of regression	0.065997	Akaike info criterion	-2.345059
Sum squared resid	0.130666	Schwarz criterion	-1.777362
Log likelihood	65.59129	Hannan-Quinn criter.	-2.134529
F-statistic	359.0496	Durbin-Watson stat	1.018303
Prob(F-statistic)	0.000000		

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## 6. Random Effect Model

Dependent Variable: LOG(PDRB?)

Method: Pooled EGLS (Cross-section random effects)

Date: 02/21/18 Time: 00:35

Sample: 2012 2015

Included observations: 4

Cross-sections included: 11

Total pool (balanced) observations: 44

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.421534	1.052237	6.102743	0.0000
LOG(TK?)	0.625276	0.095818	6.525636	0.0000
LOG(INV?)	0.065546	0.020423	3.209349	0.0026
LOG(PAR?)	0.021866	0.037713	0.579800	0.5653
Random Effects				
(Cross)				
_MTB--C	-0.214846			
_MBD--C	-0.461369			
_MALRA--C	0.005885			
_MALTENG--C	0.241912			
_BURU--C	-0.354995			
_BURSEL--C	-0.327534			
_KEPARU--C	0.230792			
_SBB--C	-0.225427			
_SBT--C	0.185945			
_AMBON--C	0.785072			
_TUAL--C	0.134566			
Effects Specification				
			S.D.	Rho
Cross-section random			0.261273	0.9400
Idiosyncratic random			0.065997	0.0600
Weighted Statistics				
R-squared	0.513360	Mean dependent var	1.787270	
Adjusted R-squared	0.476862	S.D. dependent var	0.108741	
S.E. of regression	0.078650	Sum squared resid	0.247435	
F-statistic	14.06545	Durbin-Watson stat	0.901167	
Prob(F-statistic)	0.000002			
Unweighted Statistics				

R-squared	0.724945	Mean dependent var	14.26361
Sum squared resid	5.627829	Durbin-Watson stat	0.039621

## 7. Common Effect Model

Dependent Variable: LOG(PDRB?)  
Method: Pooled Least Squares  
Date: 02/21/18 Time: 00:32  
Sample: 2012 2015  
Included observations: 4  
Cross-sections included: 11  
Total pool (balanced) observations: 44

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG(TK?)	0.927423	0.116440	7.964836	0.0000
LOG(INV?)	0.206017	0.077823	2.647250	0.0115
LOG(PAR?)	0.203651	0.108466	1.877558	0.0676

  

R-squared	0.784628	Mean dependent var	14.26361
Adjusted R-squared	0.774123	S.D. dependent var	0.689806
S.E. of regression	0.327841	Akaike info criterion	0.673170
Sum squared resid	4.406668	Schwarz criterion	0.794819
Log likelihood	-11.80974	Hannan-Quinn criter.	0.718283
Durbin-Watson stat	0.214045		

## 8. Substituted Coefficients:

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$$\text{LOG(PDRB\_MTB)} = -0.245296968643 + 10.2984764522 + 0.297367119101 * \text{LOG(TK\_MTB)} + 0.0596877681258 * \text{LOG(INV\_MTB)} - 0.0247525986503 * \text{LOG(PAR\_MTB)}$$

$$\text{LOG(PDRB\_MBD)} = -0.602951802634 + 10.2984764522 + 0.297367119101 * \text{LOG(TK\_MBD)} + 0.0596877681258 * \text{LOG(INV\_MBD)} - 0.0247525986503 * \text{LOG(PAR\_MBD)}$$

$$\text{LOG(PDRB\_MALRA)} = -0.0524134040021 + 10.2984764522 + 0.297367119101 * \text{LOG(TK\_MALRA)} + 0.0596877681258 * \text{LOG(INV\_MALRA)} - 0.0247525986503 * \text{LOG(PAR\_MALRA)}$$

$$\text{LOG(PDRB\_MALTENG)} = 0.625992287453 + 10.2984764522 + 0.297367119101 * \text{LOG(TK\_MALTENG)} +$$



$$0.0596877681258 * \text{LOG}(\text{INV\_MALTENG}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_MALTENG})$$

$$\text{LOG}(\text{PDRB\_BURU}) = -0.336167360157 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_BURU}) + 0.0596877681258 * \text{LOG}(\text{INV\_BURU}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_BURU})$$

$$\text{LOG}(\text{PDRB\_BURSEL}) = -0.608653696075 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_BURSEL}) + \\ 0.0596877681258 * \text{LOG}(\text{INV\_BURSEL}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_BURSEL})$$

$$\text{LOG}(\text{PDRB\_KEPARU}) = 0.144018993862 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_KEPARU}) + \\ 0.0596877681258 * \text{LOG}(\text{INV\_KEPARU}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_KEPARU})$$

$$\text{LOG}(\text{PDRB\_SBB}) = -0.140741667193 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_SBB}) + 0.0596877681258 * \text{LOG}(\text{INV\_SBB}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_SBB})$$

$$\text{LOG}(\text{PDRB\_SBT}) = 0.107398101292 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_SBT}) + 0.0596877681258 * \text{LOG}(\text{INV\_SBT}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_SBT})$$

$$\text{LOG}(\text{PDRB\_AMBON}) = 1.22249324326 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_AMBON}) + 0.0596877681258 * \text{LOG}(\text{INV\_AMBON}) \\ - 0.0247525986503 * \text{LOG}(\text{PAR\_AMBON})$$

$$\text{LOG}(\text{PDRB\_TUAL}) = -0.113677727157 + 10.2984764522 + \\ 0.297367119101 * \text{LOG}(\text{TK\_TUAL}) + 0.0596877681258 * \text{LOG}(\text{INV\_TUAL}) - \\ 0.0247525986503 * \text{LOG}(\text{PAR\_TUAL})$$