

LAMPIRAN

**Data Tingkat Pengangguran, Jumlah Penduduk Miskin, UMP, Pertumbuhan
Ekonomi**

kab	tahun	y(tpt)	jpmiskin	ump	pdrb	ipm
jambi	2013	4,76	281570	1300000	111766,1	67,76
jambi	2014	5,08	281750	1502230	119991,4	68,24
jambi	2015	4,34	311560	1710000	125037	68,89
jambi	2016	4	290810	1906650	130501	69,62
jambi	2017	3,87	278610	2063949	136557	69,99
sumbar	2013	7,02	380630	1350000	125940,6	68,91
sumbar	2014	6,5	354740	1490000	133340,8	69,36
sumbar	2015	6,89	349530	1615000	140719	69,98
sumbar	2016	5,09	376510	1800725	148134	70,73
sumbar	2017	5,58	359990	1949285	155964	71,24
riau	2013	5,48	522530	1400000	436187,5	69,91
riau	2014	6,56	498280	1700000	447986,8	70,33
riau	2015	7,83	562920	1878000	448992	70,84
riau	2016	7,43	501590	2095000	458997	71,2
riau	2017	6,22	496390	2266723	471420	71,79
kepri	2013	5,63	125020	1365087	137263,9	73,02
kepri	2014	6,69	124170	1665000	146325,2	73,4
kepri	2015	6,2	114830	1954000	155131	73,75
kepri	2016	7,69	119140	2178710	162924	73,99
kepri	2017	7,16	128430	2358454	166198	74,45
sumut	2013	6,45	1390800	1375000	398727,1	68,36
sumut	2014	6,23	1360000	1505850	419573,3	68,87
sumut	2015	6,71	1508140	1625000	440965	69,51
sumut	2016	5,84	1452550	1811875	463775	70
sumut	2017	5,6	1326570	1961354	487531	70,57
Aceh	2013	10,12	855710	1550000	111755,8	68,3
Aceh	2014	9,02	837420	1750000	113490,4	68,81
Aceh	2015	9,93	859410	1900000	112666	69,45
Aceh	2016	7,57	841310	2118500	116384	70
Aceh	2017	6,57	829800	2500000	121263	70,6
sumsel	2013	4,84	1108210	1350000	232175	66,16
sumsel	2014	4,96	1085800	1825000	243297,8	66,75
sumsel	2015	6,07	1112530	1974000	254045	67,46
sumsel	2016	4,31	1096500	2206000	266854	68,24
sumsel	2017	4,39	1086760	2388000	281544	68,86
Bengkulu	2013	4,61	320410	1200000	34326,4	67,5
Bengkulu	2014	3,47	316500	1350000	36207,1	68,06

Bengkulu	2015	4,91	322830	1500000	38066	68,59
Bengkulu	2016	3,3	325600	1605000	40080	69,33
Bengkulu	2017	3,74	302620	1730000	42080	69,95
Lampung	2013	5,69	1134280	1150000	180620	65,73
Lampung	2014	4,79	1143940	1399037	189797,5	66,42
Lampung	2015	5,14	1100680	1581000	199537	66,95
Lampung	2016	4,62	1139780	1763000	209814	67,65
Lampung	2017	4,33	1083740	1908447	220657	68,25
Bangkabelitung	2013	3,65	70900	1265000	42190,9	67,92
Bangkabelitung	2014	5,14	67230	1640000	44159,4	68,27
Bangkabelitung	2015	6,29	66620	2100000	45962	69,05
Bangkabelitung	2016	2,6	71700	2341500	47851	69,55
Bangkabelitung	2017	3,78	76200	2534673	50008	69,99

1. Hasil Estimasi Common effect

Dependent Variable: Y_TPT_
Method: Panel Least Squares
Date: 03/11/19 Time: 12:18
Sample: 2013 2017
Periods included: 5
Cross-sections included: 10
Total panel (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-21.97131	18.83208	-1.166696	0.2496
LNUMP	-1.262927	1.197954	-1.054237	0.2975
LNPDRB	-0.162904	0.795174	-0.204866	0.8386
LNJPMISKIN	0.811021	0.705093	1.150232	0.2563
LNJMLHPENDUDUK	0.147778	1.448982	0.101987	0.9192
IPM	0.503506	0.175853	2.863216	0.0064
R-squared	0.271263	Mean dependent var	5.693800	
Adjusted R-squared	0.188452	S.D. dependent var	1.615346	
S.E. of regression	1.455200	Akaike info criterion	3.700331	
Sum squared resid	93.17473	Schwarz criterion	3.929773	
Log likelihood	-86.50826	Hannan-Quinn criter.	3.787704	
F-statistic	3.275683	Durbin-Watson stat	0.767219	
Prob(F-statistic)	0.013370			

2. Hasil Estimasi Fixed effect

Dependent Variable: Y_TPT_
Method: Panel Least Squares
Date: 03/11/19 Time: 12:20
Sample: 2013 2017
Periods included: 5
Cross-sections included: 10
Total panel (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-136.9082	164.6138	-0.831693	0.4112
LNUMP	3.144045	2.528929	1.243232	0.2220

LNPDRB	5.872763	5.855294	1.002983	0.3228
LNJPMISKIN	-0.322388	3.208262	-0.100487	0.9205
LNJMLHPENDUDUK	10.26364	11.85596	0.865695	0.3926
IPM	-1.804234	0.534235	-3.377226	0.0018

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.827138	Mean dependent var	5.693800
Adjusted R-squared	0.757993	S.D. dependent var	1.615346
S.E. of regression	0.794656	Akaike info criterion	2.621511
Sum squared resid	22.10176	Schwarz criterion	3.195118
Log likelihood	-50.53778	Hannan-Quinn criter.	2.839944
F-statistic	11.96240	Durbin-Watson stat	2.570134
Prob(F-statistic)	0.000000		

3. Hasil Estimasi Random Effect

Dependent Variable: Y_TPT_
Method: Panel EGLS (Cross-section random effects)
Date: 03/11/19 Time: 12:21
Sample: 2013 2017
Periods included: 5
Cross-sections included: 10
Total panel (balanced) observations: 50
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	12.65566	14.02453	0.902395	0.3718
LNUMP	-1.489870	0.994377	-1.498294	0.1412
LNPDRB	0.689578	0.957271	0.720358	0.4751
LNJPMISKIN	0.505938	0.861882	0.587016	0.5602
LNJMLHPENDUDUK	-0.580249	1.759072	-0.329861	0.7431
IPM	0.122928	0.203474	0.604149	0.5488

Effects Specification

	S.D.	Rho
Cross-section random	0.746784	0.4690
Idiosyncratic random	0.794656	0.5310

Weighted Statistics

R-squared	0.077936	Mean dependent var	2.446664
Adjusted R-squared	-0.026844	S.D. dependent var	1.020440
S.E. of regression	1.034045	Sum squared resid	47.04700
F-statistic	0.743806	Durbin-Watson stat	1.409374
Prob(F-statistic)	0.594925		

Unweighted Statistics

R-squared	0.163158	Mean dependent var	5.693800
Sum squared resid	106.9967	Durbin-Watson stat	0.619709

1. Hasil Estimasi Uji chow

Effects Test	Statistic	d.f.	Prob.
Cross-section F	12.505558	(9,35)	0.0000
Cross-section Chi-square	71.940960	9	0.0000

Cross-section fixed effects test equation:

Dependent Variable: Y_TPT_

Method: Panel Least Squares

Date: 03/11/19 Time: 12:21

Sample: 2013 2017

Periods included: 5

Cross-sections included: 10

Total panel (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
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LNUMP	-1.262927	1.197954	-1.054237	0.2975
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IPM	0.503506	0.175853	2.863216	0.0064
R-squared	0.271263	Mean dependent var		5.693800
Adjusted R-squared	0.188452	S.D. dependent var		1.615346
S.E. of regression	1.455200	Akaike info criterion		3.700331
Sum squared resid	93.17473	Schwarz criterion		3.929773
Log likelihood	-86.50826	Hannan-Quinn criter.		3.787704
F-statistic	3.275683	Durbin-Watson stat		0.767219
Prob(F-statistic)	0.013370			

2. Hasil Estimasi Uji hausman

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	35.502893	5	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LNUMP	3.144045	-1.489870	5.406698	0.0463
LNPDRB	5.872763	0.689578	33.368105	0.3696
LNJPMISKIN	-0.322388	0.505938	9.550107	0.7887
LNJMLHPENDUDUK	10.263635	-0.580249	137.469337	0.3550
IPM	-1.804234	0.122928	0.244006	0.0001

Cross-section random effects test equation:

Dependent Variable: Y_TPT_
 Method: Panel Least Squares
 Date: 03/11/19 Time: 12:22
 Sample: 2013 2017
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 Total panel (balanced) observations: 50

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LNPDRB	5.872763	5.855294	1.002983	0.3228
LNJPMISKIN	-0.322388	3.208262	-0.100487	0.9205
LNJMLHPENDUDUK	10.26364	11.85596	0.865695	0.3926
IPM	-1.804234	0.534235	-3.377226	0.0018

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.827138	Mean dependent var	5.693800
Adjusted R-squared	0.757993	S.D. dependent var	1.615346
S.E. of regression	0.794656	Akaike info criterion	2.621511
Sum squared resid	22.10176	Schwarz criterion	3.195118
Log likelihood	-50.53778	Hannan-Quinn criter.	2.839944
F-statistic	11.96240	Durbin-Watson stat	2.570134
Prob(F-statistic)	0.000000		

3. Data Intersep Provinsi di Pulau Sumatera

Crossid	Effect
Jambi	-1,090537
Sumatera Barat	2,229864
Riau	-3,584686
Kepulauan Riau	7,962735
Sumatera Utara	-5,679337
Aceh	4,151623
Sumatera Selatan	-7,881778
Bengkulu	6,044970
Lampung	-6,262257
Bangka Belitung	4,109403

