

## LAMPIRAN

### I. Tabel Data

Tahun	Kabupaten	Jumlah Tenaga Kerja (ribu jiwa)	Objek Wisata (unit)	PAD (milyar rupiah)	PDRB sektor hotel dan restoran (milyar rupiah)	Jumlah Wisatawan (ribu jiwa)
2010	Kulon progo	211.07	14.00	1.61	117.49	444.00
2011	Kulon progo	203.43	17.00	1.18	185.32	545.00
2012	Kulon progo	218.04	18.00	2.11	213.45	596.00
2013	Kulon progo	228.57	25.00	2.65	242.86	695.00
2014	Kulon progo	236.54	25.00	2.54	267.89	907.00
2015	Kulon progo	232.19	18.00	3.42	296.72	1289.00
2016	Kulon progo	252.69	16.00	4.00	322.99	1353.00
2017	Kulon progo	239.54	16.00	5.32	350.56	1400.00
2010	Bantul	588.51	7.00	5.10	1178.24	1300.00
2011	Bantul	472.08	8.00	7.40	1327.54	2521.00
2012	Bantul	488.77	8.00	12.53	1558.89	2378.00
2013	Bantul	427.81	8.00	14.53	1770.40	2037.00
2014	Bantul	488.73	8.00	16.05	2011.90	2708.00
2015	Bantul	495.24	17.00	18.28	2239.30	4519.00
2016	Bantul	517.84	28.00	21.90	2442.20	5148.00
2017	Bantul	541.51	53.00	17.77	2656.40	9141.00
2010	Gunung Kidul	263.25	9.00	1.85	388.80	489.00
2011	Gunung Kidul	358.81	9.00	2.31	423.20	688.00
2012	Gunung Kidul	414.82	18.00	8.48	575.78	2142.00
2013	Gunung Kidul	420.45	18.00	8.17	628.80	2881.00
2014	Gunung Kidul	424.67	18.00	17.42	726.40	3685.00
2015	Gunung Kidul	386.46	12.00	24.11	813.60	2642.00
2016	Gunung Kidul	419.17	12.00	28.38	883.80	3479.00
2017	Gunung Kidul	422.39	10.00	32.76	958.90	3246.00
2010	Sleman	461.01	23.00	36.63	1993.61	2500.00
2011	Sleman	561.89	33.00	38.94	2229.36	4276.00
2012	Sleman	544.44	63.00	53.19	2460.87	3169.00
2013	Sleman	568.42	69.00	68.63	2796.60	3654.00
2014	Sleman	590.08	70.00	84.78	3086.00	4223.00
2015	Sleman	567.29	47.00	104.99	3450.10	4950.00
2016	Sleman	621.76	47.00	137.15	3793.40	5942.00
2017	Sleman	636.13	46.00	180.92	4144.30	6814.00
2010	Kota	185.65	23.00	50.47	1921.79	3538.00
2011	Kota	202.39	23.00	65.37	2187.49	3463.00
2012	Kota	201.64	24.00	76.84	2683.65	4083.00
2013	Kota	113.09	25.00	94.84	2841.00	4641.00
2014	Kota	216.02	25.00	116.15	3177.20	5251.00
2015	Kota	210.05	22.00	116.15	3541.00	5619.00
2016	Kota	230.94	23.00	162.39	3863.80	5520.00
2017	Kota	213.59	25.00	186.24	4243.80	5347.00

## II. Model Common Effect

Dependent Variable: Y  
 Method: Panel Least Squares  
 Date: 09/18/19 Time: 11:18  
 Sample: 2010 2017  
 Periods included: 8  
 Cross-sections included: 5  
 Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	219.1549	42.98446	5.098467	0.0000
X1	3.035191	1.499569	2.024042	0.0507
X2	-2.747260	0.868079	-3.164757	0.0032
X3	0.104092	0.049263	2.112997	0.0418
X4	0.007611	0.019570	0.388893	0.6997
R-squared	0.389584	Mean dependent var		376.9243
Adjusted R-squared	0.319822	S.D. dependent var		154.3324
S.E. of regression	127.2824	Akaike info criterion		12.64716
Sum squared resid	567028.3	Schwarz criterion		12.85827
Log likelihood	-247.9432	Hannan-Quinn criter.		12.72349
F-statistic	5.584492	Durbin-Watson stat		0.237983
Prob(F-statistic)	0.001385			

### III. Model Fixed Effect

Dependent Variable: Y  
 Method: Panel Least Squares  
 Date: 09/18/19 Time: 11:20  
 Sample: 2010 2017  
 Periods included: 8  
 Cross-sections included: 5  
 Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	434.6016	49.88374	8.712290	0.0000
X1	1.579350	0.858811	1.838996	0.0783
X2	2.011265	0.677012	2.970796	0.0067
X3	-0.135258	0.049865	-2.712500	0.0122
X4	0.015942	0.008793	1.812993	0.0824

#### Effects Specification

Cross-section fixed (dummy variables)  
 Period fixed (dummy variables)

R-squared	0.965986	Mean dependent var	376.9243
Adjusted R-squared	0.944727	S.D. dependent var	154.3324
S.E. of regression	36.28383	Akaike info criterion	10.30980
Sum squared resid	31596.39	Schwarz criterion	10.98535
Log likelihood	-190.1959	Hannan-Quinn criter.	10.55405
F-statistic	45.43937	Durbin-Watson stat	2.162529
Prob(F-statistic)	0.000000		

#### IV. Model Random Effect

Dependent Variable: Y  
 Method: Panel EGLS (Two-way random effects)  
 Date: 09/18/19 Time: 11:21  
 Sample: 2010 2017  
 Periods included: 8  
 Cross-sections included: 5  
 Total panel (balanced) observations: 40  
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	219.7265	42.98936	5.111182	0.0000
X1	3.008938	1.498903	2.007427	0.0525
X2	-2.729049	0.868147	-3.143535	0.0034
X3	0.103802	0.049248	2.107758	0.0423
X4	0.007534	0.019505	0.386238	0.7017

Effects Specification		S.D.	Rho
Cross-section random		1.514462	0.0017
Period random		0.000000	0.0000
Idiosyncratic random		36.28383	0.9983

Weighted Statistics			
R-squared	0.387237	Mean dependent var	374.3248
Adjusted R-squared	0.317207	S.D. dependent var	153.3472
S.E. of regression	126.7128	Sum squared resid	561964.4
F-statistic	5.529577	Durbin-Watson stat	0.238301
Prob(F-statistic)	0.001474		

Unweighted Statistics			
R-squared	0.389567	Mean dependent var	376.9243
Sum squared resid	567044.2	Durbin-Watson stat	0.236166

## V. Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section and period fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	94.313839	(4,24)	0.0000
Cross-section Chi-square	112.661768	4	0.0000
Period F	0.808666	(7,24)	0.5887
Period Chi-square	8.470714	7	0.2929
Cross-Section/Period F	36.973057	(11,24)	0.0000
Cross-Section/Period Chi-square	115.494656	11	0.0000

Cross-section fixed effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 09/18/19 Time: 11:24

Sample: 2010 2017

Periods included: 8

Cross-sections included: 5

Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	235.9015	50.55396	4.666332	0.0001
X1	3.404315	1.683581	2.022067	0.0528
X2	-3.298431	1.041520	-3.166939	0.0037
X3	0.138206	0.060781	2.273825	0.0308
X4	-0.011294	0.026575	-0.425005	0.6741

Effects Specification

Period fixed (dummy variables)

R-squared	0.431320	Mean dependent var	376.9243
Adjusted R-squared	0.207910	S.D. dependent var	154.3324
S.E. of regression	137.3550	Akaike info criterion	12.92634
Sum squared resid	528259.1	Schwarz criterion	13.43300
Log likelihood	-246.5268	Hannan-Quinn criter.	13.10953
F-statistic	1.930620	Durbin-Watson stat	0.218617
Prob(F-statistic)	0.078387		

Period fixed effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 09/18/19 Time: 11:24

Sample: 2010 2017

Periods included: 8

Cross-sections included: 5  
 Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	377.6579	32.19497	11.73034	0.0000
X1	1.180888	0.735162	1.606298	0.1183
X2	1.661476	0.593746	2.798293	0.0088
X3	-0.093448	0.041078	-2.274864	0.0300
X4	0.018583	0.007346	2.529511	0.0167

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.957963	Mean dependent var	376.9243
Adjusted R-squared	0.947115	S.D. dependent var	154.3324
S.E. of regression	35.49136	Akaike info criterion	10.17156
Sum squared resid	39048.74	Schwarz criterion	10.55156
Log likelihood	-194.4313	Hannan-Quinn criter.	10.30896
F-statistic	88.30647	Durbin-Watson stat	2.016175
Prob(F-statistic)	0.000000		

Cross-section and period fixed effects test equation:

Dependent Variable: Y  
 Method: Panel Least Squares  
 Date: 09/18/19 Time: 11:24  
 Sample: 2010 2017  
 Periods included: 8  
 Cross-sections included: 5  
 Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	219.1549	42.98446	5.098467	0.0000
X1	3.035191	1.499569	2.024042	0.0507
X2	-2.747260	0.868079	-3.164757	0.0032
X3	0.104092	0.049263	2.112997	0.0418
X4	0.007611	0.019570	0.388893	0.6997

R-squared	0.389584	Mean dependent var	376.9243
Adjusted R-squared	0.319822	S.D. dependent var	154.3324
S.E. of regression	127.2824	Akaike info criterion	12.64716
Sum squared resid	567028.3	Schwarz criterion	12.85827
Log likelihood	-247.9432	Hannan-Quinn criter.	12.72349
F-statistic	5.584492	Durbin-Watson stat	0.237983
Prob(F-statistic)	0.001385		

## VI. Uji Housman

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	419.152196	4	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
X1	1.180888	3.035191	0.365622	0.0022
X2	1.661476	-2.747260	0.293944	0.0000
X3	-0.093448	0.104092	0.001499	0.0000
X4	0.018583	0.007611	0.000024	0.0257

Cross-section random effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 09/18/19 Time: 11:25

Sample: 2010 2017

Periods included: 8

Cross-sections included: 5

Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	377.6579	32.19497	11.73034	0.0000
X1	1.180888	0.735162	1.606298	0.1133
X2	1.661476	0.593746	2.798293	0.0088
X3	-0.093448	0.041078	-2.274864	0.0300
X4	0.018583	0.007346	2.529511	0.0167

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.957963	Mean dependent var	376.9243
Adjusted R-squared	0.947115	S.D. dependent var	154.3324
S.E. of regression	35.49136	Akaike info criterion	10.17156
Sum squared resid	39048.74	Schwarz criterion	10.55156
Log likelihood	-194.4313	Hannan-Quinn criter.	10.30896
F-statistic	88.30647	Durbin-Watson stat	2.016175
Prob(F-statistic)	0.000000		