LAMPIRAN

1. Tabel Data PAD sektor pariwisata, jumlah wisatawan, jumlah hotel, jumlah penduduk, dan jumlah biro wisatawan 2010-2016

Wilayah	Tahun	Y (PAD)	X1 (Jumlah Wisatawan)	X2 (Jumlah Hotel)	X3 (Jumlah Penduduk)	X4 (Biro Wisata)
kota Yogyakarta	2010	50472624960	3538139	353	387379	161
	2011	56368254594	3197312	368	392506	196
	2012	76842342512	4083605	386	397594	226
	2013	94840264727	4673366	401	402679	255
	2014	116146936925	5251352	399	407667	275
	2015	116146936925	5619231	419	412704	305
	2016	162390765921	5520952	450	417744	173
Sleman	2010	36634676263	2499877	420	1103534	145
	2011	38943756254	2490063	394	1116184	166
	2012	53194912852	3042232	394	1128943	183
	2013	68632185594	3612954	400	1141733	217
	2014	84780228453	4223958	392	1154501	248
	2015	104985102620	4950934	389	1167481	273
	2016	137152075928	5942468	389	1180479	289
Bantul	2010	5098131002	1300042	299	909539	11
	2011	7399158783	2378209	271	922104	11
	2012	12529648331	2378209	285	934674	8
	2013	14533814042	2037874	279	947072	11
	2014	16046012057	2708816	249	959445	11
	2015	18281328042	4519199	262	971511	76
	2016	21901264614	5148633	266	983527	106
Kulonprogo	2010	1610886594	444125	18	389661	4
	2011	1177811000	546797	20	394200	4
	2012	2110851769	596529	26	398672	4
	2013	2646017079	695850	26	403179	4
	2014	2544115778	904972	27	407709	1
	2015	3420774733	1289695	26	412198	3
	2016	4004044791	1353400	27	416683	3
Gunungkidul	2010	1845743858	687705	47	677376	3
	2011	2309007231	688405	53	685003	4
	2012	8478767503	1279065	63	692579	6
	2013	8168857392	1822251	62	700191	6
	2014	17415255577	3685137	71	707794	9
	2015	24107812555	2642759	70	715282	19
	2016	28375385566	3479890	70	722479	23

2. Uji Common Effect

Dependent Variable: LOG(Y)
Method: Panel Least Squares
Date: 11/20/17 Time: 17:57
Sample: 2010 2016
Periods included: 7
Cross-sections included: 5
Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.803405	2.839999	3.451904	0.0017
LOG(X1)	1.004759	0.161616	6.216940	0.0000
LOG(X2)	0.058729	0.129858	0.452253	0.6543
LOG(X3)	-0.186810	0.169131	-1.104529	0.2781
LOG(X4)	0.380777	0.077127	4.936988	0.0000

R-squared	0.948866	Mean dependent var	23.56655
Adjusted R-squared	0.942049	S.D. dependent var	1.500225
S.E. of regression	0.361151	Akaike info criterion	0.932521
Sum squared resid	3.912895	Schwarz criterion	1.154713
Log likelihood	-11.31911	Hannan-Quinn criter.	1.009222
F-statistic	139.1745	Durbin-Watson stat	1.034640
Prob(F-statistic)	0.000000		

3. Uji Fixed Effect

Dependent Variable: LOG(Y?)
Method: Pooled Least Squares
Date: 11/20/17 Time: 17:58
Sample: 2010 2016
Included observations: 7
Cross-sections included: 5
Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-91.98166	43.63010	-2.108216	0.0448
LOG(X1?)	0.671211	0.223015	3.009707	0.0057
LOG(X2?)	1.061522	0.499303	2.126010	0.0432
LOG(X3?)	7.471722	3.432769	2.176588	0.0388
LOG(X4?)	0.108062	0.089347	1.209463	0.2374
Fixed Effects (Cross)				
_YOGYAKARTA--C	3.563162			
_SLEMAN--C	-4.368835			
_BANTUL--C	-3.797346			

_KULONPROGO--C	4.521726
_GUNUNGKIDUL--C	0.081294

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.981406	Mean dependent var	23.56655
Adjusted R-squared	0.975684	S.D. dependent var	1.500225
S.E. of regression	0.233937	Akaike info criterion	0.149508
Sum squared resid	1.422894	Schwarz criterion	0.549454
Log likelihood	6.383617	Hannan-Quinn criter.	0.287569
F-statistic	171.5342	Durbin-Watson stat	1.391146
Prob(F-statistic)	0.000000		

4. Uji Random Effect

Dependent Variable: LOG(Y?)
Method: Pooled EGLS (Cross-section random effects)
Date: 11/20/17 Time: 17:59
Sample: 2010 2016
Included observations: 7
Cross-sections included: 5
Total pool (balanced) observations: 35
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.803405	1.839625	5.329023	0.0000
LOG(X1?)	1.004759	0.104688	9.597663	0.0000
LOG(X2?)	0.058729	0.084116	0.698184	0.4904
LOG(X3?)	-0.186810	0.109556	-1.705162	0.0985
LOG(X4?)	0.380777	0.049960	7.621684	0.0000
Random Effects (Cross)				
_YOGYAKARTA--C	7.92E-13			
_SLEMAN--C	4.24E-12			
_BANTUL--C	-7.91E-12			
_KULONPROGO--C	-1.26E-12			
_GUNUNGKIDUL--C	4.14E-12			

Effects Specification

	S.D.	Rho
Cross-section random	4.45E-07	0.0000
Idiosyncratic random	0.233937	1.0000

Weighted Statistics

R-squared	0.948866	Mean dependent var	23.56655
Adjusted R-squared	0.942049	S.D. dependent var	1.500225
S.E. of regression	0.361151	Sum squared resid	3.912895
F-statistic	139.1745	Durbin-Watson stat	1.034640

Prob(F-statistic)	0.000000		
	Unweighted Statistics		
R-squared	0.948866	Mean dependent var	23.56655
Sum squared resid	3.912895	Durbin-Watson stat	1.034640

5. Uji Chow

Redundant Fixed Effects Tests
Pool: POOL
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	11.374707	(4,26)	0.0000
Cross-section Chi-square	35.405459	4	0.0000

Cross-section fixed effects test equation:
Dependent Variable: LOG(Y?)
Method: Panel Least Squares
Date: 11/20/17 Time: 17:59
Sample: 2010 2016
Included observations: 7
Cross-sections included: 5
Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.803405	2.839999	3.451904	0.0017
LOG(X1?)	1.004759	0.161616	6.216940	0.0000
LOG(X2?)	0.058729	0.129858	0.452253	0.6543
LOG(X3?)	-0.186810	0.169131	-1.104529	0.2781
LOG(X4?)	0.380777	0.077127	4.936988	0.0000

R-squared	0.948866	Mean dependent var	23.56655
Adjusted R-squared	0.942049	S.D. dependent var	1.500225
S.E. of regression	0.361151	Akaike info criterion	0.932521
Sum squared resid	3.912895	Schwarz criterion	1.154713
Log likelihood	-11.31911	Hannan-Quinn criter.	1.009222
F-statistic	139.1745	Durbin-Watson stat	1.034640
Prob(F-statistic)	0.000000		

6. Uji Hausman

Correlated Random Effects - Hausman Test
Pool: POOL
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	45.498829	4	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(X1?)	0.671211	1.004759	0.038776	0.0903
LOG(X2?)	1.061522	0.058729	0.242228	0.0416
LOG(X3?)	7.471722	-0.186810	11.771900	0.0256
LOG(X4?)	0.108062	0.380777	0.005487	0.0002

Cross-section random effects test equation:
Dependent Variable: LOG(Y?)
Method: Panel Least Squares
Date: 11/20/17 Time: 17:59
Sample: 2010 2016
Included observations: 7
Cross-sections included: 5
Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-91.98166	43.63010	-2.108216	0.0448
LOG(X1?)	0.671211	0.223015	3.009707	0.0057
LOG(X2?)	1.061522	0.499303	2.126010	0.0432
LOG(X3?)	7.471722	3.432769	2.176588	0.0388
LOG(X4?)	0.108062	0.089347	1.209463	0.2374

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.981406	Mean dependent var	23.56655
Adjusted R-squared	0.975684	S.D. dependent var	1.500225
S.E. of regression	0.233937	Akaike info criterion	0.149508
Sum squared resid	1.422894	Schwarz criterion	0.549454
Log likelihood	6.383617	Hannan-Quinn criter.	0.287569
F-statistic	171.5342	Durbin-Watson stat	1.391146
Prob(F-statistic)	0.000000		

7. Uji Multikolinearitas

	X1	X2	X3	X4
X1	1.000000	0.755927	0.255386	0.809571
X2	0.755927	1.000000	0.405097	0.838292
X3	0.255386	0.405097	1.000000	0.180918
X4	0.809571	0.838292	0.180918	1.000000

8. Uji Heteroskedastisitas

Dependent Variable: LOG(RESID2)
Method: Panel Least Squares
Date: 11/20/17 Time: 18:38
Sample: 2010 2016
Periods included: 7
Cross-sections included: 5
Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-264.0124	155.1100	-1.702098	0.1007
LOG(X1)	-0.727474	0.792846	-0.917548	0.3673
LOG(X2)	-2.161523	1.775078	-1.217706	0.2343
LOG(X3)	21.14105	12.20389	1.732321	0.0951
LOG(X4)	-0.033163	0.317638	-0.104404	0.9177
Fixed Effects (Cross)				
_YOGYAKARTA--C	11.97972			
_SLEMAN--C	-9.865675			
_BANTUL--C	-5.316167			
_KULONPROGO--C	5.942624			
_GUNUNGKIDUL--C	-2.740507			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.596029	Mean dependent var	-2.308517
Adjusted R-squared	0.471730	S.D. dependent var	1.144261
S.E. of regression	0.831674	Akaike info criterion	2.686282
Sum squared resid	17.98373	Schwarz criterion	3.086229
Log likelihood	-38.00994	Hannan-Quinn criter.	2.824344
F-statistic	4.795124	Durbin-Watson stat	1.460414
Prob(F-statistic)	0.001049		

9. Representasi

Substituted Coefficients:
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LOG(Y_YOGYAKARTA) = 3.56316158762 - 91.9816586532 + 0.671211222391*LOG(X1_YOGYAKARTA) + 1.06152246578*LOG(X2_YOGYAKARTA) + 7.47172244619*LOG(X3_YOGYAKARTA) + 0.108061697465*LOG(X4_YOGYAKARTA)

LOG(Y_SLEMAN) = -4.36883544481 - 91.9816586532 + 0.671211222391*LOG(X1_SLEMAN) + 1.06152246578*LOG(X2_SLEMAN) + 7.47172244619*LOG(X3_SLEMAN) + 0.108061697465*LOG(X4_SLEMAN)

LOG(Y_BANTUL) = -3.79734645515 - 91.9816586532 + 0.671211222391*LOG(X1_BANTUL) + 1.06152246578*LOG(X2_BANTUL) + 7.47172244619*LOG(X3_BANTUL) + 0.108061697465*LOG(X4_BANTUL)

LOG(Y_KULONPROGO) = 4.52172613792 - 91.9816586532 + 0.671211222391*LOG(X1_KULONPROGO) + 1.06152246578*LOG(X2_KULONPROGO) + 7.47172244619*LOG(X3_KULONPROGO) + 0.108061697465*LOG(X4_KULONPROGO)

LOG(Y_GUNUNGKIDUL) = 0.0812941744141 - 91.9816586532 + 0.671211222391*LOG(X1_GUNUNGKIDUL) + 1.06152246578*LOG(X2_GUNUNGKIDUL) + 7.47172244619*LOG(X3_GUNUNGKIDUL) + 0.108061697465*LOG(X4_GUNUNGKIDUL)