

LAMPIRAN

Lampiran 1 : Data Panel Penelitian

Kab/Kota	Tahun	Pajak Hotel	Jumlah Hotel	Jumlah Wisatawan	PDRB
Kulonprogo	2006	9645000	11	213128	1524848
	2007	36092165	4	235962	1587630
	2008	11190000	19	547024	1662370
	2009	11140000	19	416819	1728304
	2010	13450000	18	429357	1781227
	2011	24182710	20	545743	5246147
	2012	39221677	26	596529	5475148
	2013	42987911	26	631759	5741660
	2014	56512620	27	673153	6002787
	2015	236626223	26	1289695	6281566
Bantul	2006	22200500	337	13676	3299646
	2007	40990000	337	1050065	3448949
	2008	37455000	321	1417253	3618060
	2009	48340000	322	1446798	3779948
	2010	91689000	299	1304613	3967928
	2011	131241900	271	1816581	12728666
	2012	823428554	285	2378209	13407022
	2013	1154023956	287	2037674	14138719
	2014	1168040063	249	2305988	14867409
	2015	1269706521	262	4519199	15610514
Gunung Kidul	2006	3006950	48	206654	2830583
	2007	3342000	48	309662	2941288
	2008	5393250	45	416406	3070298
	2009	5313250	45	529319	3197365
	2010	7230000	47	488805	3330080
	2011	21521250	52	688381	9248011
	2012	81669200	63	1279065	9695980
	2013	80748000	66	1337438	10177433
	2014	82250000	71	1955817	10639466
	2015	99900000	70	2642759	11151688
Sleman	2006	9761983322	364	1056463	5309059
	2007	11423620418	365	1610312	5553593
	2008	14522397204	402	2336900	5838246
	2009	18189624204	402	3895824	6099557
	2010	3786482376	420	2416987	6373200
	2011	22637880385	393	258878	22645852
	2012	32216986820	394	3169450	23957113

Kab/Kota	Tahun	Pajak Hotel	Jumlah Hotel	Jumlah wisatawan	PDRB
	2013	41502758586	389	3359077	25367414
	2014	49800597181	392	4091445	26740537
	2015	52305963907	389	4950934	28159674
Kota	2006	14575296725	323	913916	4572504
	2007	20529610486	323	1881130	4776401
	2008	26544641894	342	2494661	5021149
	2009	30788901395	338	3427096	5244851
	2010	30788901395	353	3535024	5505942
	2011	37861435936	368	3463638	18206090
	2012	56008075844	386	4084303	19189075
	2013	81960462082	402	4300284	20239557,7
	2014	81960462082	399	4916984	21312143,8
	2015	93609098453	419	5619731	22412176

Lampiran 2 : Model Regresi Data Panel

Random Effect Model

Dependent Variable: LOG(PH?)

Method: Pooled EGLS (Cross-section random effects)

Date: 05/22/17 Time: 21:39

Sample: 2006 2015

Included observations: 10

Cross-sections included: 5

Total pool (balanced) observations: 50

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.291793	2.084500	-1.579176	0.1211
JH?	0.000996	0.002907	0.342578	0.7335
LOG(JW?)	0.330956	0.106052	3.120691	0.0031
LOG(PDRB?)	1.182524	0.145875	8.106402	0.0000
Random Effects				
(Cross)				
_GUNUNGKIDUL—				
C	-2.037555			
_BANTUL—C	-1.277375			
_KULONPROGO--C	-2.411374			
_SLEMAN—C	2.455603			
_JOGJA—C	3.270702			

Effects Specification

	S.D.	Rho
Cross-section random	1.515508	0.8714
Idiosyncratic random	0.582112	0.1286

Weighted Statistics

R-squared	0.702779	Mean dependent var	2.433692
Adjusted R-squared	0.683395	S.D. dependent var	1.198731
S.E. of regression	0.674498	Sum squared resid	20.92760
F-statistic	36.25565	Durbin-Watson stat	0.922786
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.481566	Mean dependent var	20.18355
Sum squared resid	308.3618	Durbin-Watson stat	0.062627

Fixed Effect Model

Dependent Variable: LOG(PH?)

Method: Pooled Least Squares

Date: 05/22/17 Time: 21:38

Sample: 2006 2015

Included observations: 10

Cross-sections included: 5

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.251519	2.033327	-0.615503	0.5415
JH?	-0.009334	0.003865	-2.414793	0.0202
LOG(JW?)	0.277726	0.106769	2.601188	0.0128
LOG(PDRB?)	1.248413	0.146788	8.504863	0.0000
Fixed Effects (Cross)				
_GUNUNGKIDUL—				
C	-4.191910			
_BANTUL--C	-0.566361			
_KULONPROGO--C	-4.219021			
_SLEMAN--C	4.191725			
_JOGJA--C	4.785567			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.976073	Mean dependent var	20.18355
Adjusted R-squared	0.972085	S.D. dependent var	3.484060
S.E. of regression	0.582112	Akaike info criterion	1.901339
Sum squared resid	14.23188	Schwarz criterion	2.207263
Log likelihood	-39.53347	Hannan-Quinn criter.	2.017836
F-statistic	244.7588	Durbin-Watson stat	1.400611
Prob(F-statistic)	0.000000		

Comman Effect

Dependent Variable: LOG(PH?)

Method: Pooled Least Squares

Date: 05/22/17 Time: 21:46

Sample: 2006 2015

Included observations: 10

Cross-sections included: 5

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
JH?	0.014305	0.001440	9.935799	0.0000
LOG(JW?)	0.662471	0.258088	2.566841	0.0135
LOG(PDRB?)	0.488278	0.225715	2.163250	0.0356
R-squared	0.822990	Mean dependent var		20.18355
Adjusted R-squared	0.815457	S.D. dependent var		3.484060
S.E. of regression	1.496697	Akaike info criterion		3.702523
Sum squared resid	105.2848	Schwarz criterion		3.817244
Log likelihood	-89.56307	Hannan-Quinn criter.		3.746209
Durbin-Watson stat	0.306535			

Lampiran 3 : Pemilihan Model

Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	62.701518	(4,42)	0.0000
Cross-section Chi-square	97.092045	4	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(PH?)

Method: Panel Least Squares

Date: 05/22/17 Time: 21:31

Sample: 2006 2015

Included observations: 10

Cross-sections included: 5

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-7.741089	4.615974	-1.677022	0.1003
JH?	0.012889	0.001646	7.830613	0.0000
LOG(JW?)	0.720567	0.255610	2.819015	0.0071
LOG(PDRB?)	0.947695	0.352283	2.690153	0.0099
R-squared	0.833189	Mean dependent var		20.18355
Adjusted R-squared	0.822310	S.D. dependent var		3.484060
S.E. of regression	1.468648	Akaike info criterion		3.683180
Sum squared resid	99.21862	Schwarz criterion		3.836142
Log likelihood	-88.07949	Hannan-Quinn criter.		3.741429
F-statistic	76.58681	Durbin-Watson stat		0.329798
Prob(F-statistic)	0.000000			

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	18.759855	3	0.0003

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
JH?	-0.009334	0.000996	0.000006	0.0001
LOG(JW?)	0.277726	0.330956	0.000152	0.0000
LOG(PDRB?)	1.248413	1.182524	0.000267	0.0001

Cross-section random effects test equation:

Dependent Variable: LOG(PH?)

Method: Panel Least Squares

Date: 05/22/17 Time: 21:40

Sample: 2006 2015

Included observations: 10

Cross-sections included: 5

Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.251519	2.033327	-0.615503	0.5415
JH?	-0.009334	0.003865	-2.414793	0.0202
LOG(JW?)	0.277726	0.106769	2.601188	0.0128
LOG(PDRB?)	1.248413	0.146788	8.504863	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.976073	Mean dependent var	20.18355
Adjusted R-squared	0.972085	S.D. dependent var	3.484060
S.E. of regression	0.582112	Akaike info criterion	1.901339
Sum squared resid	14.23188	Schwarz criterion	2.207263
Log likelihood	-39.53347	Hannan-Quinn criter.	2.017836
F-statistic	244.7588	Durbin-Watson stat	1.400611
Prob(F-statistic)	0.000000		

Effect Wilayah

$$\begin{aligned} \text{PH_GUNUNGKIDUL} &= 56275704310.3 - 221668389083 + \\ &302764730.601 * \text{JH_GUNUNGKIDUL} + 249592037.384 * \text{LOG}(\text{JW_GUNUNGKIDUL}) \\ &+ 10456315664.8 * \text{LOG}(\text{PDRB_GUNUNGKIDUL}) \end{aligned}$$

$$\begin{aligned} \text{PH_BANTUL} &= -36271673754.1 - 221668389083 + 302764730.601 * \text{JH_BANTUL} + \\ &249592037.384 * \text{LOG}(\text{JW_BANTUL}) + 10456315664.8 * \text{LOG}(\text{PDRB_BANTUL}) \end{aligned}$$

$$\begin{aligned} \text{PH_KULONPROGO} &= 39100920297 - 221668389083 + \\ &302764730.601 * \text{JH_KULONPROGO} + 249592037.384 * \text{LOG}(\text{JW_KULONPROGO}) + \\ &10456315664.8 * \text{LOG}(\text{PDRB_KULONPROGO}) \end{aligned}$$

$$\begin{aligned} \text{PH_SLEMAN} &= -45297642633.3 - 221668389083 + 302764730.601 * \text{JH_SLEMAN} + \\ &249592037.384 * \text{LOG}(\text{JW_SLEMAN}) + 10456315664.8 * \text{LOG}(\text{PDRB_SLEMAN}) \end{aligned}$$

$$\begin{aligned} \text{PH_JOGJA} &= -13807308220 - 221668389083 + 302764730.601 * \text{JH_JOGJA} + \\ &249592037.384 * \text{LOG}(\text{JW_JOGJA}) + 10456315664.8 * \text{LOG}(\text{PDRB_JOGJA}) \end{aligned}$$

Lampiran 4 : Uji Asumsi Klasik

Uji Heteroskedastisitas

Dependent Variable: RESID?
 Method: Pooled Least Squares
 Date: 05/22/17 Time: 21:54
 Sample: 2006 2015
 Included observations: 10
 Cross-sections included: 5
 Total pool (balanced) observations: 50

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.789926	1.078269	-0.732587	0.4679
JH?	-0.000168	0.002050	-0.081959	0.9351
LOG(JW?)	0.027571	0.056619	0.486952	0.6288
LOG(PDRB?)	0.055646	0.077841	0.714866	0.4786
Fixed Effects (Cross)				
_GUNUNGKIDUL—				
C	0.192413			
_BANTUL--C	0.057529			
_KULONPROGO--C	0.024699			
_SLEMAN--C	-0.064391			
_JOGJA--C	-0.210251			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.165397	Mean dependent var	0.434431
Adjusted R-squared	0.026296	S.D. dependent var	0.312833
S.E. of regression	0.308693	Akaike info criterion	0.632706
Sum squared resid	4.002233	Schwarz criterion	0.938630
Log likelihood	-7.817660	Hannan-Quinn criter.	0.749204
F-statistic	1.189045	Durbin-Watson stat	2.356416
Prob(F-statistic)	0.329858		

Uji Multikolinearitas

	JH	JW	PDRB
JH	1.000000	0.679238	0.534458
JW	0.679238	1.000000	0.731582
PDRB	0.534458	0.731582	1.000000