

LAMPIRAN

Kabupaten/ Kota	tahun	PDSP (Rupiah)	Jumlah wisatawan (Jiwa)	Jumlah Kamar Hotel (Unit)	Jumlah Restoran Dan Rumah Makan (Unit)	Jumlah Angkutan Umum (Unit)
Boyolali	2011	27.368.212	408.249	19.191	35	891
	2012	30.921.298	381.514	22.230	37	855
	2013	38.400.390	403.300	20.802	37	741
	2014	39.418.729	383.286	18.288	84	743
	2015	40.437.068	363.272	15.774	84	782
Klaten	2011	15.535.530	290.888	58.680	87	377
	2012	19.209.149	259.659	65.132	87	213
	2013	21.631.993	225.554	72.239	99	303
	2014	23.129.015	320.762	90.628	99	257
	2015	24.626.037	415.970	95.829	99	386
Sukoharjo	2011	6.969.707	51.677	78.146	102	343
	2012	7.558.790	67.745	83.146	106	354
	2013	8.817.558	64.708	97.177	106	371
	2014	12.628.888	58.632	115.742	131	463
	2015	16.440.218	52.556	134.307	131	479
Wonogiri	2011	14.586.598	317.805	34.264	38	1270
	2012	21.221.138	363.150	32.788	40	1487
	2013	21.211.387	397.602	33.633	40	1444
	2014	26.023.156	338.456	31.393	41	1447
	2015	30.834.925	357.523	29.153	43	2521

Kabupaten/ Kota	Tahun	Pdsp (Rupiah)	Jumlah Wisatawan (Jiwa)	Jumlah Kamar Hotel (Unit)	Jumlah Restoran Dan Rumah Makan (Unit)	Jumlah Angkutan Umum (Unit)
Karanganyar	2011	28.689.460	1.144.001	249.379	210	15933
	2012	36.721.243	1.105.116	258.019	210	23031
	2013	41.482.305	1.099.220	263.970	210	34991
	2014	50.571.493	1.077.719	263.970	210	33871
	2015	59.660.681	1.056.218	263.970	210	23948
Sragen	2011	17.179.404	406.820	35.021	10	565
	2012	21.169.074	502.789	28.932	10	574
	2013	28.533.330	583.539	30.172	10	564
	2014	35.756.676	339.832	36.200	66	633
	2015	42.980.022	321.568	42.228	66	672
Surakarta	2011	47.676.386	2.539.288	685.454	94	1.225
	2012	55.056.791	3.069.101	719.742	97	1.261
	2013	64.767.800	3.374.980	779.406	97	1.348
	2014	72.877.261	4.232.143	950.721	267	1.312
	2015	80.986.722	4.142.785	1.122.036	267	1.367

Uji Common Effect

Dependent Variable: LOG(PDSP?)

Method: Pooled Least Squares

Date: 04/11/17 Time: 11:13

Sample: 2011 2015

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG(JW?)	1.269271	0.191466	6.629217	0.0000
LOG(JKH?)	-0.039026	0.265681	-0.146891	0.8842
LOG(JRM?)	0.424471	0.337417	1.258001	0.2178
LOG(JAU?)	-0.123391	0.162929	-0.757327	0.4546
R-squared	-1.724960	Mean dependent var	17.12532	
Adjusted R-squared	-1.988666	S.D. dependent var	0.609871	
S.E. of regression	1.054330	Akaike info criterion	3.050899	
Sum squared resid	34.45997	Schwarz criterion	3.228653	
Log likelihood	-49.39073	Hannan-Quinn criter.	3.112259	
Durbin-Watson stat	0.067120			

Uji Fixed Effect

Dependent Variable: LOG(PDSP?)

Method: Pooled Least Squares

Date: 04/11/17 Time: 11:12

Sample: 2011 2015

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.710831	3.636520	1.845399	0.0774
LOG(JW?)	0.023573	0.241907	0.097446	0.9232
LOG(JKH?)	0.493656	0.264107	1.869151	0.0739
LOG(JRM?)	0.247961	0.089209	2.779549	0.0104
LOG(JAU?)	0.485106	0.188523	2.573194	0.0167
Fixed Effects				
(Cross)				
_BOYOLALI--C	1.270269			
_KLATEN--C	0.395901			
_SUKOHARJO--C	-0.619950			
_WONOGIRI--C	0.284184			
_KARANGANYAR				
--C	-1.883061			
_SRAGEN--C	1.101415			
_SURAKARTA--C	-0.548758			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.929133	Mean dependent var	17.12532
Adjusted R-squared	0.899605	S.D. dependent var	0.609871
S.E. of regression	0.193238	Akaike info criterion	-0.198507
Sum squared resid	0.896186	Schwarz criterion	0.290317
Log likelihood	14.47387	Hannan-Quinn criter.	-0.029765
F-statistic	31.46630	Durbin-Watson stat	1.496820
Prob(F-statistic)	0.000000		

Uji Random Effect

Dependent Variable: LOG(PDSP?)

Method: Pooled EGLS (Cross-section random effects)

Date: 04/11/17 Time: 11:13

Sample: 2011 2015

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	11.36987	0.773262	14.70378	0.0000
LOG(JW?)	0.502040	0.079228	6.336685	0.0000
LOG(JKH?)	-0.199977	0.081861	-2.442882	0.0207
LOG(JRM?)	0.314861	0.077076	4.085100	0.0003
LOG(JAU?)	0.018358	0.056799	0.323220	0.7488
Random Effects				
(Cross)				
_BOYOLALI--C	0.114499			
_KLATEN--C	-0.111002			
_SUKOHARJO--C	-0.055305			
_WONOGIRI--C	-0.074162			
_KARANGANYAR				
--C	-0.132133			
_SRAGEN--C	0.205743			
_SURAKARTA--C	0.052360			

Effects Specification		S.D.	Rho
Cross-section random		0.154645	0.3904
Idiosyncratic random		0.193238	0.6096

Weighted Statistics			
R-squared	0.618729	Mean dependent var	8.354063
Adjusted R-squared	0.567893	S.D. dependent var	0.369801
S.E. of regression	0.243088	Sum squared resid	1.772758
F-statistic	12.17107	Durbin-Watson stat	0.751242
Prob(F-statistic)	0.000005		

Unweighted Statistics			
R-squared	0.809737	Mean dependent var	17.12532
Sum squared resid	2.406073	Durbin-Watson stat	0.553504

Uji Chow

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

Effects Test	Statistic	d.f.	Prob.
Cross-section F	5.665017	(6,24)	0.0009
Cross-section Chi-square	30.877647	6	0.0000

Cross-section fixed effects test equation:
 Dependent Variable: LOG(PDSP?)
 Method: Panel Least Squares
 Date: 04/11/17 Time: 11:14
 Sample: 2011 2015
 Included observations: 5
 Cross-sections included: 7
 Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	11.34195	0.536208	21.15217	0.0000
LOG(JW?)	0.555376	0.059325	9.361538	0.0000
LOG(JKH?)	-0.217090	0.068222	-3.182102	0.0034
LOG(JRM?)	0.258508	0.086338	2.994150	0.0055
LOG(JAU?)	-0.013939	0.041839	-0.333151	0.7413
R-squared	0.828768	Mean dependent var	17.12532	
Adjusted R-squared	0.805937	S.D. dependent var	0.609871	
S.E. of regression	0.268664	Akaike info criterion	0.340854	
Sum squared resid	2.165413	Schwarz criterion	0.563047	
Log likelihood	-0.964953	Hannan-Quinn criter.	0.417555	
F-statistic	36.30011	Durbin-Watson stat	0.622280	
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	21.474729	4	0.0003

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(JW?)	0.023573	0.502040	0.052242	0.0363
LOG(JKH?)	0.493656	-0.199977	0.063051	0.0057
LOG(JRM?)	0.247961	0.314861	0.002018	0.1364
LOG(JAU?)	0.485106	0.018358	0.032315	0.0094

Cross-section random effects test equation:

Dependent Variable: LOG(PDSP?)

Method: Panel Least Squares

Date: 04/11/17 Time: 11:14

Sample: 2011 2015

Included observations: 5

Cross-sections included: 7

Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.710831	3.636520	1.845399	0.0774
LOG(JW?)	0.023573	0.241907	0.097446	0.9232
LOG(JKH?)	0.493656	0.264107	1.869151	0.0739
LOG(JRM?)	0.247961	0.089209	2.779549	0.0104
LOG(JAU?)	0.485106	0.188523	2.573194	0.0167

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.929133	Mean dependent var	17.12532
Adjusted R-squared	0.899605	S.D. dependent var	0.609871
S.E. of regression	0.193238	Akaike info criterion	-0.198507
Sum squared resid	0.896186	Schwarz criterion	0.290317
Log likelihood	14.47387	Hannan-Quinn criter.	-0.029765

F-statistic	31.46630	Durbin-Watson stat	1.496820
Prob(F-statistic)	0.000000		

Uji Heterokedastisitas

Dependent Variable: RESID?
Method: Pooled Least Squares
Date: 04/11/17 Time: 11:20
Sample: 2011 2015
Included observations: 5
Cross-sections included: 7
Total pool (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.483283	1.902847	0.253979	0.8017
LOG(JW?)	-0.042205	0.126581	-0.333425	0.7417
LOG(JKH?)	0.062464	0.138197	0.451993	0.6553
LOG(JRM?)	-0.081678	0.046680	-1.749760	0.0929
LOG(JAU?)	-0.022611	0.098647	-0.229214	0.8206
Fixed Effects				
(Cross)				
_BOYOLALI--C	0.057723			
_KLATEN--C	-0.019440			
_SUKOHARJO--C	-0.097722			
_WONOGIRI--C	0.019207			
_KARANGANYAR				
--C	0.152800			
_SRAGEN--C	-0.059356			
_SURAKARTA--C	-0.053211			

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.186245	Mean dependent var	0.130346
Adjusted R-squared	-0.152820	S.D. dependent var	0.094174
S.E. of regression	0.101114	Akaike info criterion	-1.493859
Sum squared resid	0.245377	Schwarz criterion	-1.005035
Log likelihood	37.14253	Hannan-Quinn criter.	-1.325117
F-statistic	0.549291	Durbin-Watson stat	2.416022
Prob(F-statistic)	0.837662		

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	LOG(JAU)	LOG(JKH)	LOG(JRM)	LOG(JW)
LOG(JAU)	1.000000	0.587712	0.211855	0.512018
LOG(JKH)	0.587712	1.000000	0.702316	0.384889
LOG(JRM)	0.211855	0.702316	1.000000	0.404995
LOG(JW)	0.512018	0.384889	0.404995	1.000000

Efek Wilayah

Estimation Command:

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LS(CX=F) LOG(PDSP?) LOG(JW?) LOG(JKH?) LOG(JRM?) LOG(JAU?)

Estimation Equations:

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LOG(PDSP_BOYOLALI) = C(6) + C(1) + C(2)*LOG(JW_BOYOLALI) +
C(3)*LOG(JKH_BOYOLALI) + C(4)*LOG(JRM_BOYOLALI) +
C(5)*LOG(JAU_BOYOLALI)

LOG(PDSP_KLATEN) = C(7) + C(1) + C(2)*LOG(JW_KLATEN) +
C(3)*LOG(JKH_KLATEN) + C(4)*LOG(JRM_KLATEN) +
C(5)*LOG(JAU_KLATEN)

LOG(PDSP_SUKOHARJO) = C(8) + C(1) + C(2)*LOG(JW_SUKOHARJO) +
C(3)*LOG(JKH_SUKOHARJO) + C(4)*LOG(JRM_SUKOHARJO) +
C(5)*LOG(JAU_SUKOHARJO)

LOG(PDSP_WONOGIRI) = C(9) + C(1) + C(2)*LOG(JW_WONOGIRI) +
C(3)*LOG(JKH_WONOGIRI) + C(4)*LOG(JRM_WONOGIRI) +
C(5)*LOG(JAU_WONOGIRI)

LOG(PDSP_KARANGANYAR) = C(10) + C(1) +
C(2)*LOG(JW_KARANGANYAR) + C(3)*LOG(JKH_KARANGANYAR) +
C(4)*LOG(JRM_KARANGANYAR) + C(5)*LOG(JAU_KARANGANYAR)

LOG(PDSP_SRAGEN) = C(11) + C(1) + C(2)*LOG(JW_SRAGEN) +
C(3)*LOG(JKH_SRAGEN) + C(4)*LOG(JRM_SRAGEN) +
C(5)*LOG(JAU_SRAGEN)

LOG(PDSP_SURAKARTA) = C(12) + C(1) + C(2)*LOG(JW_SURAKARTA) +
C(3)*LOG(JKH_SURAKARTA) + C(4)*LOG(JRM_SURAKARTA) +
C(5)*LOG(JAU_SURAKARTA)

Substituted Coefficients:

$$\begin{aligned} \text{LOG(PDSP_BOYOLALI)} &= 1.27026868733 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_BOYOLALI)} + \\ &0.493656150373 * \text{LOG(JKH_BOYOLALI)} + \\ &0.247961479262 * \text{LOG(JRM_BOYOLALI)} + \\ &0.48510601166 * \text{LOG(JAU_BOYOLALI)} \end{aligned}$$

$$\begin{aligned} \text{LOG(PDSP_KLATEN)} &= 0.39590145885 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_KLATEN)} + \\ &0.493656150373 * \text{LOG(JKH_KLATEN)} + \\ &0.247961479262 * \text{LOG(JRM_KLATEN)} + \\ &0.48510601166 * \text{LOG(JAU_KLATEN)} \end{aligned}$$

$$\begin{aligned} \text{LOG(PDSP_SUKOHARJO)} &= -0.619949952747 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_SUKOHARJO)} + \\ &0.493656150373 * \text{LOG(JKH_SUKOHARJO)} + \\ &0.247961479262 * \text{LOG(JRM_SUKOHARJO)} + \\ &0.48510601166 * \text{LOG(JAU_SUKOHARJO)} \end{aligned}$$

$$\begin{aligned} \text{LOG(PDSP_WONOGIRI)} &= 0.284183656689 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_WONOGIRI)} + \\ &0.493656150373 * \text{LOG(JKH_WONOGIRI)} + \\ &0.247961479262 * \text{LOG(JRM_WONOGIRI)} + \\ &0.48510601166 * \text{LOG(JAU_WONOGIRI)} \end{aligned}$$

$$\begin{aligned} \text{LOG(PDSP_KARANGANYAR)} &= -1.88306088725 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_KARANGANYAR)} + \\ &0.493656150373 * \text{LOG(JKH_KARANGANYAR)} + \\ &0.247961479262 * \text{LOG(JRM_KARANGANYAR)} + \\ &0.48510601166 * \text{LOG(JAU_KARANGANYAR)} \end{aligned}$$

$$\begin{aligned} \text{LOG(PDSP_SRAGEN)} &= 1.10141478065 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_SRAGEN)} + \\ &0.493656150373 * \text{LOG(JKH_SRAGEN)} + \\ &0.247961479262 * \text{LOG(JRM_SRAGEN)} + \\ &0.48510601166 * \text{LOG(JAU_SRAGEN)} \end{aligned}$$

$$\begin{aligned} \text{LOG(PDSP_SURAKARTA)} &= -0.548757743526 + 6.71083078289 + \\ &0.0235728991861 * \text{LOG(JW_SURAKARTA)} + \\ &0.493656150373 * \text{LOG(JKH_SURAKARTA)} + \\ &0.247961479262 * \text{LOG(JRM_SURAKARTA)} + \\ &0.48510601166 * \text{LOG(JAU_SURAKARTA)} \end{aligned}$$