

LAMPIRAN 2 GeoDa

Permodelan *Poverty Gap Index* Seluruh Desa dengan Variabel Bebas yang Berkorelasi

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertygap	Number of Observations	: 70	
Mean dependent var	: 5.15981	Number of Variables	: 5	
S.D. dependent var	: 2.75319	Degrees of Freedom	: 65	
R-squared	: 0.470265	F-statistic	: 14.4257	
Adjusted R-squared	: 0.437666	Prob(F-statistic)	: 1.75251e-008	
Sum squared residual	: 281.079	Log likelihood	: -147.981	
Sigma-square	: 4.3243	Akaike info criterion	: 305.961	
S.E. of regression	: 2.07949	Schwarz criterion	: 317.204	
Sigma-square ML	: 4.01542			
S.E of regression ML	: 2.00385			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	6.769519	0.499254	13.55927	0.0000000
HIPPAM_1	-0.002717651	0.0008298333	-3.274936	0.0016965
PLN	-0.0006901226	0.0003070402	-2.247662	0.0279975
non_PLN	0.001772292	0.01305027	0.135805	0.8923950
blm_alir	0.00693482	0.01448328	0.4788156	0.6336757

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Gap Index* dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertygap	Number of Observations	: 70	
Mean dependent var	: 5.15981	Number of Variables	: 3	
S.D. dependent var	: 2.75319	Degrees of Freedom	: 67	
R-squared	: 0.293037	F-statistic	: 13.8858	
Adjusted R-squared	: 0.271934	Prob(F-statistic)	: 9.01116e-006	
Sum squared residual	: 375.117	Log likelihood	: -158.082	
Sigma-square	: 5.59876	Akaike info criterion	: 322.163	
S.E. of regression	: 2.36617	Schwarz criterion	: 328.909	
Sigma-square ML	: 5.35881			
S.E of regression ML	: 2.31491			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	7.544329	0.5356966	14.08321	0.0000000
HIPPAM_1	-0.002012593	0.0009197491	-2.188198	0.0321466
PLN	-0.001069067	0.0003353759	-3.187667	0.0021803

REGRESSION DIAGNOSTICS				
MULTICOLLINEARITY CONDITION NUMBER 4.091273				
TEST ON NORMALITY OF ERRORS				
TEST	DF	VALUE	PROB	
Jarque-Bera	2	1.322343	0.5162463	
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST	DF	VALUE	PROB	
Breusch-Pagan test	2	2.41139	0.2994837	
Koenker-Bassett test	2	3.61624	0.1639621	
SPECIFICATION ROBUST TEST				
TEST	DF	VALUE	PROB	
White	5	10.23792	0.0687679	
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
FOR WEIGHT MATRIX : queenpetadesafix.gal				
(row-standardized weights)				
TEST	MI/DF	VALUE	PROB	
Moran's I (error)	0.303444	4.4122916	0.0000102	
Lagrange Multiplier (lag)	1	19.1235891	0.0000123	
Robust LM (lag)	1	4.6197638	0.0316056	
Lagrange Multiplier (error)	1	15.7559256	0.0000721	
Robust LM (error)	1	1.2521004	0.2631517	
Lagrange Multiplier (SARMA)	2	20.3756894	0.0000376	

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Gap Index* dengan Bobot Spasial Queen

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Regression
SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION
Data set      : petadesafix
Spatial Weight : queenpetadesafix.gal
Dependent Variable : povertygap   Number of Observations: 70
Mean dependent var : 5.15981      Number of Variables : 4
S.D. dependent var : 2.75319      Degrees of Freedom : 66
Lag coeff. (Rho) : 0.428893

R-squared      : 0.455902   Log likelihood : -150.359
Sq. Correlation : -        Akaike info criterion : 308.718
Sigma-square   : 4.12429   Schwarz criterion : 317.712
S.E of regression : 2.03083

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Variable      Coefficient      Std.Error      z-value      Probability
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W_povertygap   0.4288934      0.108759      3.943523     0.0000803
CONSTANT      5.19466       0.7434986     6.986778     0.0000000
HIPFAM_1      -0.001751301   0.0007902579  -2.216113     0.0266837
PLN           -0.0009555145  0.0002886158  -3.31068     0.0009308
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REGRESSION DIAGNOSTICS
DIAGNOSTICS FOR HETEROSKEDASTICITY
RANDOM COEFFICIENTS
TEST
Breusch-Pagan test      DF      VALUE      PROB
                        2      1.856476   0.3952496

DIAGNOSTICS FOR SPATIAL DEPENDENCE
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenpetadesafix.gal
TEST
Likelihood Ratio Test   DF      VALUE      PROB
                        1      15.44499   0.0000849

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Output Analisis Regresi Spasial Model *Spatial Lag Poverty Gap Index* dengan Bobot Spasial Queen



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Permodelan *Poverty Severity Index* Seluruh Desa dengan Variabel Bebas yang Berkorelasi

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertysev	Number of Observations	: 70	
Mean dependent var	: 1.44756	Number of Variables	: 5	
S.D. dependent var	: 1.15189	Degrees of Freedom	: 65	
R-squared	: 0.427387	F-statistic	: 12.1287	
Adjusted R-squared	: 0.392149	Prob(F-statistic)	: 2.01087e-007	
Sum squared residual	: 53.1842	Log likelihood	: -89.71	
Sigma-square	: 0.818218	Akaike info criterion	: 189.42	
S.E. of regression	: 0.904554	Schwarz criterion	: 200.662	
Sigma-square ML	: 0.759774			
S.E of regression ML	: 0.87165			
Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	2.047316	0.2171693	9.427279	0.0000000
HIPPAM_1	-0.001128706	0.0003609672	-3.126894	0.0026422
PLN	-0.0002401405	0.0001335587	-1.798015	0.0768187
non_PLN	0.002661616	0.005676704	0.4688664	0.6407332
blm_alir	0.0007552866	0.006300047	0.1198859	0.9049422

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Severity Index* dengan Bobot Spasial *Queen*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertysev	Number of Observations	: 70	
Mean dependent var	: 1.44756	Number of Variables	: 2	
S.D. dependent var	: 1.15189	Degrees of Freedom	: 68	
R-squared	: 0.165065	F-statistic	: 13.4434	
Adjusted R-squared	: 0.152786	Prob(F-statistic)	: 0.000483369	
Sum squared residual	: 77.5487	Log likelihood	: -102.91	
Sigma-square	: 1.14042	Akaike info criterion	: 209.82	
S.E. of regression	: 1.06791	Schwarz criterion	: 214.317	
Sigma-square ML	: 1.10784			
S.E of regression ML	: 1.05254			
Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	1.996333	0.1967065	10.14879	0.0000000
HIPPAM_1	-0.001340757	0.0003656748	-3.666529	0.0004834

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER 2.713734			
TEST ON NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	6.920104	0.0314281
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	1	1.567827	0.2105229
Koenker-Bassett test	1	1.682759	0.1945583
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	2	4.083267	0.1298165
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : queenpetadesafix.gal			
(row-standardized weights)			
TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.238055	3.4595626	0.0005411
Lagrange Multiplier (lag)	1	12.6883336	0.0003679
Robust LM (lag)	1	3.0029461	0.0831133
Lagrange Multiplier (error)	1	9.6971431	0.0018455
Robust LM (error)	1	0.0117556	0.9136599
Lagrange Multiplier (SARMA)	2	12.7000892	0.0017467

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Severity Index* dengan Bobot Spasial *Queen*

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Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	petadesafix			
Spatial Weight	queenpetadesafix.gal			
Dependent Variable	povertysev	Number of Observations	70	
Mean dependent var	1.44756	Number of Variables	3	
S.D. dependent var	1.15189	Degrees of Freedom	67	
Lag coeff. (Rho)	0.401074			
R-squared	0.298510	Log likelihood	-98.0596	
Sq. Correlation	-	Akaike info criterion	202.119	
Sigma-square	0.930775	Schwarz criterion	208.865	
S.E of regression	0.964767			
Variable	Coefficient	Std. Error	z-value	Probability
W_povertysev	0.4010738	0.1284168	3.123219	0.0017890
CONSTANT	1.397616	0.2630071	5.313985	0.0000001
HIPPAM_1	-0.001200641	0.000332162	-3.614623	0.0003009
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST	DF	VALUE	PROB	
Breusch-Pagan test	1	1.886338	0.1696155	
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenpetadesafix.gal				
TEST	DF	VALUE	PROB	
Likelihood Ratio Test	1	9.700841	0.0018418	

Output Analisis Regresi Spasial Model *Spatial Lag Poverty Severity Index* dengan Bobot Spasial Queen

Permodelan *Human Poverty Index* Seluruh Desa dengan Variabel Bebas yang Berkorelasi

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	HPI	Number of Observations	70	
Mean dependent var	9.167	Number of Variables	6	
S.D. dependent var	4.49067	Degrees of Freedom	64	
R-squared	0.274051	F-statistic	4.83209	
Adjusted R-squared	0.217336	Prob(F-statistic)	0.000823932	
Sum squared residual	1024.77	Log likelihood	-193.256	
Sigma-square	16.012	Akaike info criterion	398.512	
S.E. of regression	4.00151	Schwarz criterion	412.003	
Sigma-square ML	14.6396			
S.E of regression ML	3.82617			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	11.02519	0.7969406	13.8344	0.0000000
jl_n_sdg	-0.0001639742	0.0001169069	-1.402605	0.1655670
sumur_1	-0.001520535	0.0007801279	-1.949084	0.0556710
sungai_1	0.00330133	0.002856995	1.155525	0.2521714
non_PLN	-0.01343647	0.02521504	-0.5328751	0.5959645
blm_alir	0.005771683	0.02832323	0.2037791	0.8391706

Output Analisis Regresi Spasial Model *Classic Human Poverty Index* dengan Bobot Spasial Queen

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Permodelan *Headcount Index* Seluruh Desa dengan Seluruh Variabel

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	headcount	Number of Observations	70	
Mean dependent var	21.8057	Number of Variables	19	
S.D. dependent var	5.81941	Degrees of Freedom	51	
R-squared	0.216129	F-statistic	0.781207	
Adjusted R-squared	-0.060531	Prob(F-statistic)	0.711175	
Sum squared residual	1858.24	Log likelihood	-214.087	
Sigma-square	36.436	Akaike info criterion	466.174	
S.E. of regression	6.03622	Schwarz criterion	508.895	
Sigma-square ML	26.5462			
S.E. of regression ML	5.1523			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	26.05507	8.183257	3.183949	0.0024770
jln_baik	-0.0001324582	0.0002550663	-0.519309	0.6057922
jln_sdq	-8.392026e-006	0.0002251137	-0.03727905	0.9704132
jln_brk	0.0001896929	0.0002479627	0.7650056	0.4477941
jln_ttl	7.404973e-006	0.0001933422	0.03829982	0.9695836
lebar_max	1.461302	1.220981	1.196826	0.2369083
lebar_mnm	1.065094	1.554104	0.6853429	0.4962312
lebar_jln	-3.371366	3.213702	-1.04906	0.2990962
desa_kec	-0.06021748	0.1851855	-0.3251738	0.7463802
desa_kab	-0.02907866	0.1135962	-0.2559828	0.7989960
sumur_1	-0.03505502	0.09480664	-0.3697528	0.7130974
PDAM_1	-0.02985867	0.0950303	-0.3142015	0.7546480
HIPAM_1	-0.0303894	0.09437949	-0.3219915	0.7487767
sungai_1	-0.04722632	0.09503888	-0.4969158	0.6213846
mata_air_1	-0.03519988	0.09510196	-0.3701278	0.7128190
tnp_akse_1	-0.007197678	0.09637385	-0.07468497	0.9407530
PLN	0.0325086	0.09471577	0.3432226	0.7328430
non_PLN	-0.02362348	0.08096066	-0.2917897	0.7716303
blm_alir	0.1038096	0.1311057	0.791801	0.4321436

Output Analisis Regresi Spasial Model *Classic Headcount Index* dengan Bobot Spasial *Queen*

Permodelan *Poverty Gap Index* Seluruh Desa dengan Seluruh Variabel

Regression
SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : petadesafix

Dependent Variable : povertygap

Mean dependent var : 5.15981

S.D. dependent var : 2.75319

Number of Observations : 70

Number of Variables : 19

Degrees of Freedom : 51

R-squared : 0.609595

Adjusted R-squared : 0.471805

Sum squared residual : 207.15

Sigma-square : 4.06177

S.E. of regression : 2.01538

Sigma-square ML : 2.95929

S.E. of regression ML : 1.72026

F-statistic : 4.42408

Prob(F-statistic) : 1.42893e-005

Log likelihood : -137.299

Akaike info criterion : 312.598

Schwarz criterion : 355.319

Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	8.0642	2.732239	2.951498	0.0047688
jln_baik	0.0001268958	8.516197e-005	1.490053	0.1423694
jln_sdq	6.451538e-005	7.516134e-005	0.8583585	0.3947107
jln_brk	0.0001013628	8.279021e-005	1.224333	0.2264522
jln_ttl	-0.0001215727	6.455342e-005	-1.883288	0.0653698
lebar_max	0.1933236	0.4076631	0.4742239	0.6373634
lebar_mnm	-0.9161048	0.5188868	-1.76552	0.0834627
lebar_jln	0.8318846	1.072996	0.7752913	0.4417477
desa_kec	0.189605	0.06183005	3.066551	0.0034600
desa_kab	-0.08983699	0.03792767	-2.36864	0.0216798
sumur_1	0.00355958	0.0316542	0.1124521	0.9109052
PDAM_1	0.004101936	0.03172887	0.1292808	0.8976473
HIPAM_1	0.001057394	0.03151158	0.03355572	0.9733769
sungai_1	0.003878085	0.03173174	0.1222147	0.9032105
mata_air_1	0.004599408	0.0317528	0.1448505	0.8854031
tnp_akse_1	-0.002924993	0.03217746	-0.09090193	0.9279246
PLN	-0.004437953	0.03162386	-0.1403356	0.8889490
non_PLN	0.007749908	0.02703128	0.2867015	0.7755012
blm_alir	-0.0087217	0.04377378	-0.1992448	0.8428650

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Gap Index* dengan Bobot Spasial *Queen*

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Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertygap	Number of Observations	: 70	
Mean dependent var	: 5.15981	Number of Variables	: 3	
S.D. dependent var	: 2.75319	Degrees of Freedom	: 67	
R-squared	: 0.134977	F-statistic	: 5.22729	
Adjusted R-squared	: 0.109155	Prob(F-statistic)	: 0.00777016	
Sum squared residual	: 458.384	Log likelihood	: -165.144	
Sigma-square	: 6.85051	Akaike info criterion	: 336.288	
S.E. of regression	: 2.61735	Schwarz criterion	: 343.033	
Sigma-square ML	: 6.55692			
S.E. of regression ML	: 2.56065			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	8.241288	1.174956	7.014126	0.0000000
desa_kec	0.2113794	0.07217353	2.928766	0.0046469
desa_kab	-0.1167953	0.03727934	-3.132977	0.0025665

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Gap Index* dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	: petadesafix			
Spatial Weight	: queenpetadesafix.gal			
Dependent Variable	: povertygap	Number of Observations	: 70	
Mean dependent var	: 5.15981	Number of Variables	: 4	
S.D. dependent var	: 2.75319	Degrees of Freedom	: 66	
Lag coeff. (Rho)	: 0.422675			
R-squared	: 0.280741	Log likelihood	: -160.082	
Sq. Correlation	: -	Akaike info criterion	: 328.163	
Sigma-square	: 5.45202	Schwarz criterion	: 337.157	
S.E. of regression	: 2.33496			
Variable	Coefficient	Std. Error	z-value	Probability
W_povertygap	0.4226749	0.120381	3.511143	0.0004463
CONSTANT	4.430594	1.370424	3.23301	0.0012251
desa_kec	0.1501516	0.0650194	2.309336	0.0209249
desa_kab	-0.06145282	0.03433609	-1.789744	0.0734949
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST		DF	VALUE	PROB
Breusch-Pagan test		2	4.954475	0.0839749
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenpetadesafix.gal				
TEST		DF	VALUE	PROB
Likelihood Ratio Test		1	10.12441	0.0014632

Output Analisis Regresi Spasial Model *Spatial Lag Poverty Gap Index* dengan Bobot Spasial Queen

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Permodelan *Poverty Severity Index* Seluruh Desa dengan Seluruh Variabel

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	povertysev	Number of Observations	70	
Mean dependent var	1.44756	Number of Variables	19	
S.D. dependent var	1.15189	Degrees of Freedom	51	
R-squared	0.578670	F-statistic	3.8914	
Adjusted R-squared	0.429965	Prob(F-statistic)	6.78552e-005	
Sum squared residual	39.1331	Log likelihood	-78.9723	
Sigma-square	0.767315	Akaike info criterion	195.945	
S.E. of regression	0.875965	Schwarz criterion	238.666	
Sigma-square ML	0.559044			
S.E. of regression ML	0.747693			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.582462	1.187539	2.174634	0.0343205
jln_baik	7.67941e-005	3.701475e-005	2.074689	0.0430798
jln_sdq	4.166625e-005	3.266809e-005	1.275442	0.2079319
jln_brk	5.899846e-005	3.598389e-005	1.63958	0.1072476
jln_ttl	-7.232723e-005	2.805746e-005	-2.577825	0.0128749
lebar_max	-0.004503965	0.1771865	-0.02541935	0.9797986
lebar_mma	-0.3498235	0.2255287	-1.551126	0.1270554
lebar_jln	0.5947807	0.4663665	1.27535	0.2079643
desa_kec	0.07128098	0.02687378	2.652436	0.0106248
desa_kab	-0.04115497	0.01648486	-2.49653	0.0158139
sumur_1	0.00952791	0.01375816	0.6925277	0.4917475
PDAM_1	0.01017867	0.01379062	0.7380864	0.4638445
HIPPAM_1	0.008685602	0.01369618	0.6341626	0.5288094
sungai_1	0.009324258	0.01379187	0.6760694	0.5020516
mata_air_1	0.009864218	0.01380102	0.7147456	0.4780250
tnp_akse_1	0.006419656	0.01398559	0.4590191	0.6481715
PLN	-0.009937025	0.01374498	-0.7229569	0.4730088
non_PLN	-0.001891559	0.01174886	-0.1609993	0.8727278
blm_alir	-0.01517511	0.01902581	-0.7976063	0.4287974

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Severity Index* dengan Bobot Spasial *Queen*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	povertysev	Number of Observations	70	
Mean dependent var	1.44756	Number of Variables	4	
S.D. dependent var	1.15189	Degrees of Freedom	66	
R-squared	0.145337	F-statistic	3.74115	
Adjusted R-squared	0.106489	Prob(F-statistic)	0.0151582	
Sum squared residual	79.3809	Log likelihood	-103.727	
Sigma-square	1.20274	Akaike info criterion	215.455	
S.E. of regression	1.0967	Schwarz criterion	224.449	
Sigma-square ML	1.13401			
S.E of regression ML	1.0649			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	3.144337	0.6076871	5.17427	0.0000023
jln_ttl	-9.334872e-006	1.310162e-005	-0.7124972	0.4786689
desa_kec	0.08591024	0.0313379	2.741417	0.0078640
desa_kab	-0.05464897	0.01641854	-3.328491	0.0014312

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Severity Index* dengan Bobot Spasial *Queen*

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Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertysev	Number of Observations:	70	
Mean dependent var	: 1.44756	Number of Variables	3	
S.D. dependent var	: 1.15189	Degrees of Freedom	67	
R-squared	: 0.138763	F-statistic	: 5.39756	
Adjusted R-squared	: 0.113055	Prob(F-statistic)	: 0.00670816	
Sum squared residual	: 79.9915	Log likelihood	: -103.996	
Sigma-square	: 1.1939	Akaike info criterion	: 213.991	
S.E. of regression	: 1.09266	Schwarz criterion	: 220.737	
Sigma-square ML	: 1.14274			
S.E of regression ML	: 1.06899			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.890518	0.4905063	5.892927	0.0000001
desa_kec	0.08005568	0.03013013	2.656997	0.0098466
desa_kab	-0.05104604	0.01556293	-3.279977	0.0016493

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER	10.603107		
TEST ON NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	2.950834	0.2286833
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	2	8.077521	0.0176193
Koenker-Bassett test	2	10.08817	0.0064474
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	5	12.53189	0.0281835
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : queenpetadesafix.gal			
(row-standardized weights)			
TEST	ML/DF	VALUE	PROB
Moran's I (error)	0.106079	1.9361515	0.0528490
Lagrange Multiplier (lag)	1	4.9373587	0.0262822
Robust LM (lag)	1	4.8981131	0.0268861
Lagrange Multiplier (error)	1	1.9255124	0.1652503
Robust LM (error)	1	1.8862667	0.1696236
Lagrange Multiplier (SARMA)	2	6.8236255	0.0329814

Output Analisis Regresi Spasial Model *Classic Ketiga Poverty Severity Index* dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	: petadesafix			
Spatial Weight	: queenpetadesafix.gal			
Dependent Variable	: povertysev	Number of Observations:	70	
Mean dependent var	: 1.44756	Number of Variables	4	
S.D. dependent var	: 1.15189	Degrees of Freedom	66	
Lag coeff. (Rho)	: 0.319837			
R-squared	: 0.209277	Log likelihood	: -101.77	
Sq. Correlation	: -	Akaike info criterion	: 211.541	
Sigma-square	: 1.04918	Schwarz criterion	: 220.535	
S.E of regression	: 1.02429			
Variable	Coefficient	Std. Error	z-value	Probability
W_povertysev	0.3198374	0.1440708	2.220001	0.0264186
CONSTANT	1.905984	0.5842484	3.262284	0.0011053
desa_kec	0.06056136	0.02864999	2.113835	0.0345292
desa_kab	-0.03364226	0.01536	-2.190251	0.0285059
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST		DF	VALUE	PROB
Breusch-Pagan test		2	8.038659	0.0179650
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenpetadesafix.gal				
TEST		DF	VALUE	PROB
Likelihood Ratio Test		1	4.450168	0.0348978

Output Analisis Regresi Spasial Model *Spatial Lag Poverty Severity Index* dengan Bobot Spasial Queen

LAMPIRAN 2

GeoDa

Permodelan *Human Poverty Index* Seluruh Desa dengan Seluruh Variabel

Regression				
SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	HPI	Number of Observations	70	
Mean dependent var	9.167	Number of Variables	19	
S.D. dependent var	4.49067	Degrees of Freedom	51	
R-squared	0.338405	F-statistic	1.44925	
Adjusted R-squared	0.104901	Prob(F-statistic)	0.149676	
Sum squared residual	933.927	Log likelihood	-190.007	
Sigma-square	18.3123	Akaike info criterion	418.015	
S.E. of regression	4.27929	Schwarz criterion	460.736	
Sigma-square ML	13.3418			
S.E. of regression ML	3.65264			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	9.465022	5.801392	1.631509	0.1089437
jln_baik	-8.997302e-005	0.0001808253	-0.4975688	0.6209266
jln_sdq	-0.0001581706	0.0001595909	-0.9911005	0.3263155
jln_brk	2.022502e-005	0.0001757893	0.1150526	0.9088596
jln_ttl	3.335096e-005	0.0001370669	0.2433188	0.8087368
lebar_max	-0.4780877	0.8655953	-0.5523225	0.5831408
lebar_mna	-0.1792191	1.101758	-0.1626665	0.8714241
lebar_jln	0.7035782	2.278304	0.3088167	0.7587194
desa_kec	0.07424504	0.1312844	0.5655283	0.5741936
desa_kab	0.01675071	0.08053222	0.2080001	0.8360590
sumur_1	0.006278215	0.06721168	0.09340958	0.9259422
PDAM_1	0.007861223	0.06737025	0.1166869	0.9075658
HIPPAM_1	0.008362311	0.06690886	0.1249806	0.9010294
sungai_1	0.008449403	0.06737633	0.1254061	0.9006945
mata_air_1	0.006481612	0.06742105	0.09613632	0.9237866
tnp_akse_1	0.02142298	0.06832274	0.3135557	0.7551363
PLN	-0.007705592	0.06714726	-0.1147566	0.9090891
non_PLN	-0.02128142	0.05739579	-0.3707836	0.7123334
blm_alir	-0.001180808	0.09294533	-0.01270433	0.9899223

Output Analisis Regresi Spasial Model *Classic Human Poverty Index* dengan Bobot Spasial *Queen*



LAMPIRAN 2

GeoDa

Permodelan *Headcount Index* Seluruh Desa dengan Mengeluarkan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	headcount	Number of Observations	70	
Mean dependent var	21.8057	Number of Variables	16	
S.D. dependent var	5.81941	Degrees of Freedom	54	
R-squared	0.177198	F-statistic	0.775294	
Adjusted R-squared	-0.051358	Prob(F-statistic)	0.697881	
Sum squared residual	1950.52	Log likelihood	-215.783	
Sigma-square	36.1208	Akaike info criterion	463.566	
S.E. of regression	6.01006	Schwarz criterion	499.542	
Sigma-square ML	27.8646			
S.E of regression ML	5.2787			

Variable	Coefficient	Std. Error	t-Statistic	Probability

CONSTANT	24.17405	8.040251	3.006628	0.0040035
jln_baik	-0.0001256859	0.0002525102	-0.497746	0.6206841
jln_sdq	5.531826e-005	0.0002197813	0.2516969	0.8022284
jln_brk	0.0002780384	0.0002383374	1.166575	0.2485082
jln_ttl	-1.296307e-005	0.0001909455	-0.06788885	0.9461213
lebar_max	1.693145	1.182528	1.431801	0.1579637
lebar_mnm	0.8306174	1.454521	0.571059	0.5703290
lebar_jln	-2.704183	3.151907	-0.8579514	0.3947113
desa_kec	0.008218696	0.1779056	0.04619694	0.9633246
desa_kab	-0.05817502	0.111529	-0.5216135	0.6040719
sumur_1	9.392558e-005	0.003714264	0.02528781	0.9799022
HIPPAM_1	0.004155632	0.003337241	1.24523	0.2184241
sungai_1	-0.00886574	0.00816236	-1.086174	0.2822271
mata_air_1	-0.0004860385	0.003703504	-0.1312375	0.8960788
tnp_akse_1	0.02802937	0.01835468	1.527097	0.1325733
PLN	-0.00234808	0.002832764	-0.8289006	0.4108099

Output Analisis Regresi Spasial Model *Classic Headcount Index* dengan Bobot Spasial Queen

Permodelan *Poverty Gap Index* Seluruh Desa dengan Mengeluarkan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	povertygap	Number of Observations	70	
Mean dependent var	5.15981	Number of Variables	16	
S.D. dependent var	2.75319	Degrees of Freedom	54	
R-squared	0.575716	F-statistic	4.88488	
Adjusted R-squared	0.457859	Prob(F-statistic)	7.2478e-006	
Sum squared residual	225.127	Log likelihood	-140.212	
Sigma-square	4.16901	Akaike info criterion	312.423	
S.E. of regression	2.04182	Schwarz criterion	348.399	
Sigma-square ML	3.21609			
S.E of regression ML	1.79335			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	7.927109	2.731538	2.902068	0.0053559
jln_baik	0.0001432642	8.578602e-005	1.670019	0.1007028
jln_sdq	7.450562e-005	7.466694e-005	0.9978394	0.3228080
jln_brk	0.000123141	8.097108e-005	1.520802	0.1341438
jln_ttl	-0.0001202151	6.487047e-005	-1.853156	0.0693271
lebar_max	0.1020471	0.4017437	0.2540104	0.8004529
lebar_mnm	-0.8519918	0.4941488	-1.724161	0.0903998
lebar_jln	0.8338865	1.070807	0.7787461	0.4395282
desa_kec	0.2113662	0.0604404	3.497101	0.0009493
desa_kab	-0.09637698	0.03789007	-2.543595	0.0138676
sumur_1	0.002661749	0.001261858	2.109389	0.0395625
HIPPAM_1	-0.0001180441	0.001133771	-0.1041154	0.9174659
sungai_1	0.004735724	0.002773022	1.707784	0.0934202
mata_air_1	0.003398416	0.001258202	2.701009	0.0092156
tnp_akse_1	-0.003170798	0.006235689	-0.508492	0.6131801
PLN	-0.003236771	0.0009623831	-3.363288	0.0014221

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Gap Index* dengan Bobot Spasial Queen

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	povertygap	Number of Observations	70	
Mean dependent var	5.15981	Number of Variables	6	
S.D. dependent var	2.75319	Degrees of Freedom	64	
R-squared	0.480150	F-statistic	11.8225	
Adjusted R-squared	0.439537	Prob(F-statistic)	4.07715e-008	
Sum squared residual	275.834	Log likelihood	-147.321	
Sigma-square	4.30991	Akaike info criterion	306.643	
S.E. of regression	2.07603	Schwarz criterion	320.134	
Sigma-square ML	3.94049			
S.E of regression ML	1.98507			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	9.726371	1.28266	7.582972	0.0000000
desa_kec	0.2089204	0.0582996	3.583566	0.0006546
desa_kab	-0.1076066	0.03408436	-3.157066	0.0024308
sumur_1	0.001179549	0.0006474075	1.821958	0.0731344
mata_air_1	0.002077467	0.0008495882	2.445264	0.0172367
PLN	-0.002262477	0.0004182228	-5.40974	0.0000010

Output Analisis Regresi Spasial Model Classic Kedua Poverty Gap Index dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	povertygap	Number of Observations	70	
Mean dependent var	5.15981	Number of Variables	5	
S.D. dependent var	2.75319	Degrees of Freedom	65	
R-squared	0.453187	F-statistic	13.4677	
Adjusted R-squared	0.419537	Prob(F-statistic)	4.74734e-008	
Sum squared residual	290.141	Log likelihood	-149.091	
Sigma-square	4.46371	Akaike info criterion	308.182	
S.E. of regression	2.11275	Schwarz criterion	319.425	
Sigma-square ML	4.14487			
S.E of regression ML	2.0359			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	10.92118	1.12184	9.735069	0.0000000
desa_kec	0.2282838	0.05833653	3.913222	0.0002206
desa_kab	-0.1373063	0.03046303	-4.507308	0.0000280
mata_air_1	0.00134914	0.0007629253	1.768377	0.0816901
PLN	-0.001679022	0.0002737554	-6.133293	0.0000001

Output Analisis Regresi Spasial Model Classic Ketiga Poverty Gap Index dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	petadesafix			
Dependent Variable	povertygap	Number of Observations:	70	
Mean dependent var	5.15981	Number of Variables:	4	
S.D. dependent var	2.75319	Degrees of Freedom	66	
R-squared	0.426880	F-statistic	16.3864	
Adjusted R-squared	0.400829	Prob(F-statistic)	4.59408e-008	
Sum squared residual	304.1	Log likelihood	-150.736	
Sigma-square	4.60757	Akaike info criterion	309.472	
S.E. of regression	2.14652	Schwarz criterion	318.466	
Sigma-square ML	4.34428			
S.E of regression ML	2.08429			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	11.39617	1.106623	10.29815	0.0000000
desa_kec	0.2289379	0.05926797	3.862759	0.0002581
desa_kab	-0.141312	0.03086436	-4.578484	0.0000213
PLN	-0.001574642	0.0002715899	-5.797868	0.0000002

Output Analisis Regresi Spasial Model Classic Keempat Poverty Gap Index dengan Bobot Spasial Queen

LAMPIRAN 2

GeoDa

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Regression
SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION
Data set      : petadesafix
Spatial Weight : queenpetadesafix.gal
Dependent Variable : povertygap
Mean dependent var : 5.15981
S.D. dependent var : 2.75319
Lag coeff. (Rho) : 0.304178
Number of Observations : 70
Number of Variables : 5
Degrees of Freedom : 65

R-squared : 0.487382
Sq. Correlation : -
Sigma-square : 3.88567
S.E of regression : 1.97121
Log likelihood : -147.518
Akaike info criterion : 305.037
Schwarz criterion : 316.279

Variable      Coefficient      Std. Error      z-value      Probability
-----
W_povertygap   0.3041783      0.1159805      2.622666     0.0087245
CONSTANT      0.304513      1.449909      5.727608     0.0000000
desa_kec      0.1829313      0.05565947     3.286616     0.0010141
desa_kab     -0.09877042     0.03080622     -3.206185     0.0013452
PIN          -0.001400308     0.000253943     -5.514261     0.0000000

REGRESSION DIAGNOSTICS
DIAGNOSTICS FOR HETEROSKEDASTICITY
RANDOM COEFFICIENTS
TEST
Breusch-Pagan test      DF      VALUE      PROB
                        3      4.965895     0.1743116

DIAGNOSTICS FOR SPATIAL DEPENDENCE
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenpetadesafix.gal
TEST
Likelihood Ratio Test      DF      VALUE      PROB
                        1      6.434717     0.0111911

```

Output Analisis Regresi Spasial Model *Spatial Lag Poverty Gap Index* dengan Bobot Spasial Queen



LAMPIRAN 2 GeoDa

Permodelan *Poverty Severity Index* Seluruh Desa dengan Mengeluarkan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertysev	Number of Observations	: 70	
Mean dependent var	: 1.44756	Number of Variables	: 16	
S.D. dependent var	: 1.15189	Degrees of Freedom	: 54	
R-squared	: 0.527272	F-statistic	: 4.01537	
Adjusted R-squared	: 0.395958	Prob(F-statistic)	: 7.90575e-005	
Sum squared residual	: 43.9069	Log likelihood	: -83.0009	
Sigma-square	: 0.813091	Akaike info criterion	: 198.002	
S.E. of regression	: 0.901716	Schwarz criterion	: 233.978	
Sigma-square ML	: 0.627242			
S.E of regression ML	: 0.791986			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.501847	1.206314	2.073959	0.0428657
jln_baik	8.619764e-005	3.788521e-005	2.275232	0.0268856
jln_sdq	4.714418e-005	3.297475e-005	1.429705	0.1585622
jln_brk	7.107616e-005	3.575881e-005	1.987654	0.0519308
jln_ttl	-7.286155e-005	2.864839e-005	-2.543304	0.0138779
lebar_max	-0.04379326	0.1774199	-0.246834	0.8059729
lebar_mnm	-0.2728338	0.2182282	-1.250223	0.2166091
lebar_jln	0.5566322	0.4728945	1.177075	0.2443279
desa_kec	0.08243675	0.02669197	3.088448	0.0031753
desa_kab	-0.04427063	0.01673318	-2.645679	0.0105658
sumaur_1	0.0009499368	0.0005572673	1.704634	0.0940107
HIPPAH_1	5.667729e-006	0.000500701	0.01131959	0.9909887
sungai_1	0.001621776	0.001224635	1.324294	0.1909835
mata_air_1	0.001111032	0.0005556531	1.999506	0.0505956
tnp_akse_1	-0.001818996	0.002753833	-0.6605324	0.5117205
PLN	-0.001213081	0.000425012	-2.854229	0.0061066

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Severity Index* dengan Bobot Spasial *Queen*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertysev	Number of Observations	: 70	
Mean dependent var	: 1.44756	Number of Variables	: 6	
S.D. dependent var	: 1.15189	Degrees of Freedom	: 64	
R-squared	: 0.406374	F-statistic	: 8.76238	
Adjusted R-squared	: 0.359996	Prob(F-statistic)	: 2.25591e-006	
Sum squared residual	: 55.1359	Log likelihood	: -90.9714	
Sigma-square	: 0.861499	Akaike info criterion	: 193.943	
S.E. of regression	: 0.92817	Schwarz criterion	: 207.434	
Sigma-square ML	: 0.787656			
S.E of regression ML	: 0.8875			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	4.069962	0.5440304	7.48113	0.0000000
jln_baik	3.198172e-005	3.062647e-005	1.044251	0.3002975
jln_ttl	-6.556573e-006	1.439829e-005	-0.4553715	0.6503847
desa_kec	0.08718855	0.02658377	3.279766	0.0016831
desa_kab	-0.06168523	0.01405737	-4.388108	0.0000436
PLN	-0.0005923116	0.0001237599	-4.785973	0.0000104

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Severity Index* dengan Bobot Spasial *Queen*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: povertysev	Number of Observations	: 70	
Mean dependent var	: 1.44756	Number of Variables	: 4	
S.D. dependent var	: 1.15189	Degrees of Freedom	: 66	
R-squared	: 0.395723	F-statistic	: 14.4071	
Adjusted R-squared	: 0.368256	Prob(F-statistic)	: 2.54413e-007	
Sum squared residual	: 56.1252	Log likelihood	: -91.5938	
Sigma-square	: 0.850381	Akaike info criterion	: 191.188	
S.E. of regression	: 0.922161	Schwarz criterion	: 200.182	
Sigma-square ML	: 0.801788			
S.E of regression ML	: 0.895426			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	4.128948	0.4754127	8.684977	0.0000000
desa_kec	0.08694815	0.02546191	3.414832	0.0010958
desa_kab	-0.06066993	0.01325953	-4.57557	0.0000215
PLN	-0.0006181168	0.0001166768	-5.297684	0.0000014

LAMPIRAN 2

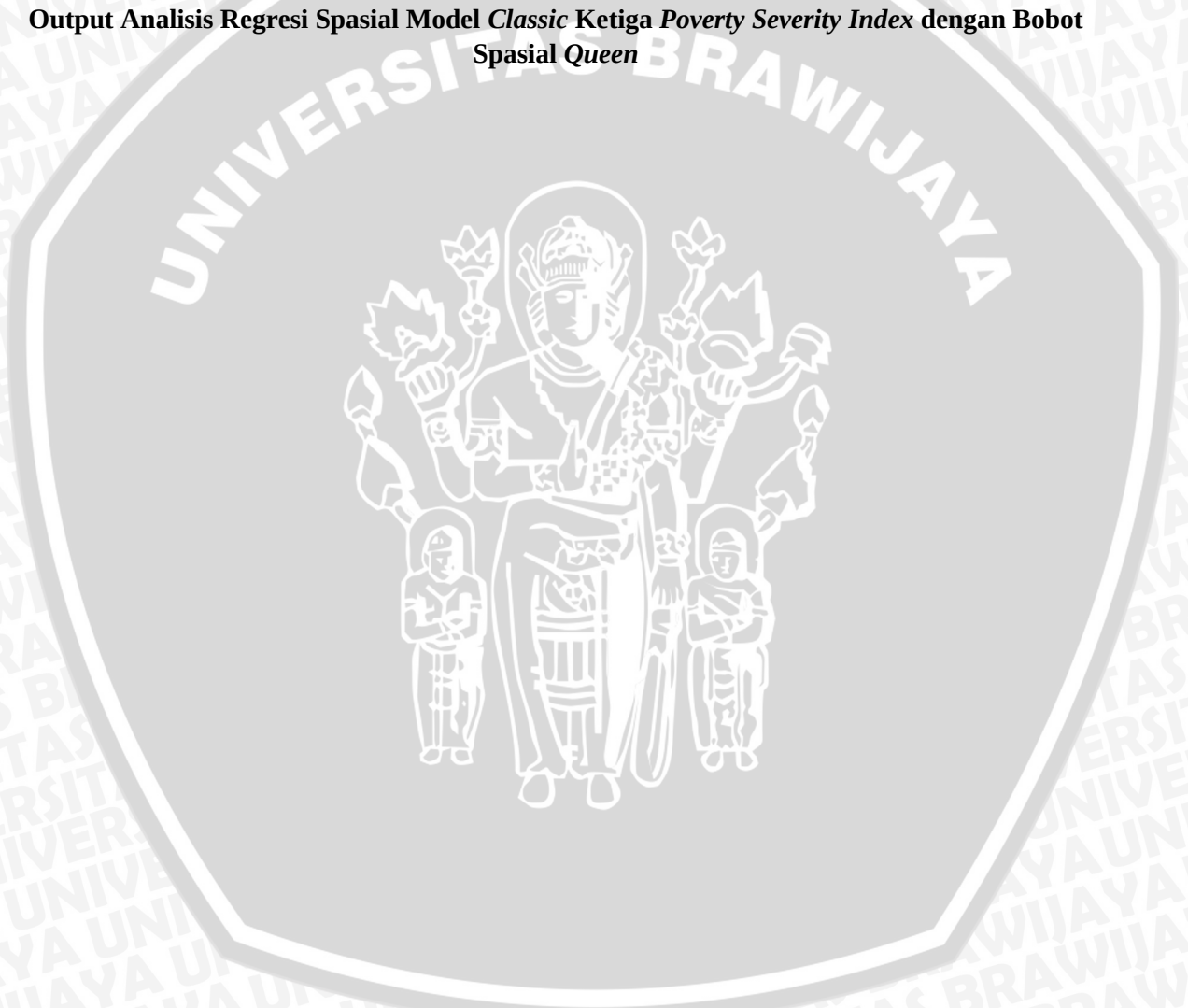
GeoDa

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REGRESSION DIAGNOSTICS
MULTICOLLINEARITY CONDITION NUMBER    12.346182
TEST ON NORMALITY OF ERRORS
TEST          DF          VALUE          PROB
Jarque-Bera          2          0.7885445      0.6741705

DIAGNOSTICS FOR HETEROSKEDASTICITY
RANDOM COEFFICIENTS
TEST          DF          VALUE          PROB
Breusch-Pagan test    3          6.782386      0.0791670
Koenker-Bassett test   3          6.742676      0.0805679
SPECIFICATION ROBUST TEST
TEST          DF          VALUE          PROB
White              9          9.805919      0.3664246

DIAGNOSTICS FOR SPATIAL DEPENDENCE
FOR WEIGHT MATRIX : queenpetadesafix.gal
(row-standardized weights)
TEST          MI/DF          VALUE          PROB
Moran's I (error)    0.047568      1.1594796      0.2462609
Lagrange Multiplier (lag)    1          2.1260737      0.1448113
Robust LM (lag)      1          2.5332777      0.1114685
Lagrange Multiplier (error)  1          0.3871856      0.5337825
Robust LM (error)    1          0.7943896      0.3727761
Lagrange Multiplier (SARMA)  2          2.9204633      0.2321825
```

Output Analisis Regresi Spasial Model *Classic Ketiga Poverty Severity Index* dengan Bobot Spasial *Queen*



LAMPIRAN 2 GeoDa

Permodelan *Human Poverty Index* Seluruh Desa dengan Mengeluarkan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: petadesafix			
Dependent Variable	: HPI	Number of Observations	: 70	
Mean dependent var	: 9.167	Number of Variables	: 16	
S.D. dependent var	: 4.49067	Degrees of Freedom	: 54	
R-squared	: 0.324163	F-statistic	: 1.72673	
Adjusted R-squared	: 0.136430	Prob(F-statistic)	: 0.0729288	
Sum squared residual	: 954.032	Log likelihood	: -190.753	
Sigma-square	: 17.6673	Akaike info criterion	: 413.506	
S.E. of regression	: 4.20324	Schwarz criterion	: 449.481	
Sigma-square ML	: 13.629			
S.E. of regression ML	: 3.69175			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	9.426532	5.623094	1.676396	0.0994414
jln_baik	-0.0001051234	0.0001765975	-0.5952709	0.5541494
jln_sdq	-0.0001626119	0.000153708	-1.057927	0.2947980
jln_brk	6.308336e-006	0.0001666856	0.03784573	0.9699498
jln_ttl	2.780707e-005	0.0001335411	0.2082285	0.8358364
lebar_max	-0.3453656	0.8270222	-0.4176014	0.6778943
lebar_mnm	-0.1875002	1.017245	-0.1843215	0.8544506
lebar_jln	0.6882352	2.204343	0.3122179	0.7560790
desa_kec	0.05689123	0.1244215	0.457246	0.6493297
desa_kab	0.02164716	0.07799979	0.2775284	0.7824334
sumur_1	-0.004640445	0.002597637	-1.78641	0.0796474
HIPPAM_1	-0.002236486	0.002333959	-0.9582368	0.3422135
sungai_1	-0.004119343	0.005708492	-0.7216167	0.4736435
mata_air_1	-0.004185878	0.002590112	-1.616099	0.1119010
tnp_akse_1	0.00981862	0.01283667	0.7648882	0.4476676
PLN	0.002894777	0.001981144	1.461165	0.1497652

Output Analisis Regresi Spasial Model *Classic Human Poverty Index* dengan Bobot Spasial Queen



LAMPIRAN 2

GeoDa

Permodelan *Headcount Index* Mengeluarkan Satu Per Satu Outlier Pada Variabel yang Berkorelasi

a. Mengeluarkan Outlier HIPPAM Masyarakat

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outlierHIPPAMbaru		
Dependent Variable	:	povertygap	Number of Observations:	69
Mean dependent var	:	5.23229	Number of Variables	5
S.D. dependent var	:	2.70595	Degrees of Freedom	64
R-squared	:	0.448474	F-statistic	13.0104
Adjusted R-squared	:	0.414004	Prob(F-statistic)	8.24617e-008
Sum squared residual	:	278.647	Log likelihood	-146.063
Sigma-square	:	4.35386	Akaike info criterion	302.126
S.E. of regression	:	2.08659	Schwarz criterion	313.297
Sigma-square ML	:	4.03836		
S.E. of regression ML	:	2.00957		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	6.900871	0.5308889	12.99871	0.0000000
HIPPAM_1	-0.002961401	0.0008942512	-3.311599	0.0015280
PLN	-0.0007320087	0.0003131433	-2.337616	0.0225464
non_PLN	0.00218878	0.01310665	0.1669977	0.8678944
blm_alir	0.006532813	0.01454265	0.4492174	0.6547937

Output Analisis Regresi Spasial Model *Classic Pertama Headcount Index* dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outlierHIPPAMbaru		
Dependent Variable	:	povertygap	Number of Observations:	69
Mean dependent var	:	5.23229	Number of Variables	3
S.D. dependent var	:	2.70595	Degrees of Freedom	66
R-squared	:	0.260216	F-statistic	11.6076
Adjusted R-squared	:	0.237798	Prob(F-statistic)	4.79146e-005
Sum squared residual	:	373.761	Log likelihood	-156.195
Sigma-square	:	5.66304	Akaike info criterion	318.39
S.E. of regression	:	2.37971	Schwarz criterion	325.092
Sigma-square ML	:	5.41682		
S.E. of regression ML	:	2.32741		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	7.646042	0.5774654	13.24069	0.0000000
HIPPAM_1	-0.002188298	0.0009922524	-2.205384	0.0309155
PLN	-0.001102786	0.0003442617	-3.203336	0.0020924

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER 4.117135			
TEST ON NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	1.47411	0.4785211
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	2	2.076448	0.3540830
Koenker-Bassett test	2	3.211664	0.2007225
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	5	10.1972	0.0698366
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : outlierHIPPAMbaru.gal			
(row-standardized weights)			
TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.306952	4.3745215	0.0000122
Lagrange Multiplier (lag)	1	19.2316035	0.0000116
Robust LM (lag)	1	4.6237641	0.0315320
Lagrange Multiplier (error)	1	15.7159036	0.0000736
Robust LM (error)	1	1.1080642	0.2925031
Lagrange Multiplier (SARMA)	2	20.3396677	0.0000383

Output Analisis Regresi Spasial Model *Classic Kedua Headcount Index* dengan Bobot Spasial Queen

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	:	outlierHIPPAMbaru		
Spatial Weight	:	outlierHIPPAMbaru.gal		
Dependent Variable	:	povertygap	Number of Observations:	69
Mean dependent var	:	5.23229	Number of Variables	4
S.D. dependent var	:	2.70595	Degrees of Freedom	65
Lag coeff. (Rho)	:	0.433635		
R-squared	:	0.433489	Log likelihood	-148.462
Sq. Correlation	:	-	Akaike info criterion	304.923
Sigma-square	:	4.14809	Schwarz criterion	313.86
S.E of regression	:	2.03668		
Variable	Coefficient	Std. Error	z-value	Probability
W_povertygap	0.4336351	0.1097027	3.952823	0.0000773
CONSTANT	5.372081	0.7443351	7.217288	0.0000000
HIPPAM_1	-0.00202185	0.0008494974	-2.380054	0.0173101
PLN	-0.001051381	0.0002946392	-3.568367	0.0003593
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST		DF	VALUE	PROB
Breusch-Pagan test		2	1.485809	0.4757301
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : outlierHIPPAMbaru.gal				
TEST		DF	VALUE	PROB
Likelihood Ratio Test		1	15.46641	0.0000840

Output Analisis Regresi Spasial Model *Spatial Lag Headcount Index* dengan Bobot Spasial *Queen*

a. Mengeluarkan Outlier PLN

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outlierplnbaru		
Dependent Variable	:	povertygap	Number of Observations:	65
Mean dependent var	:	5.38558	Number of Variables	5
S.D. dependent var	:	2.66343	Degrees of Freedom	60
R-squared	:	0.404575	F-statistic	10.1921
Adjusted R-squared	:	0.364880	Prob(F-statistic)	2.30838e-006
Sum squared residual	:	274.551	Log likelihood	-139.055
Sigma-square	:	4.57585	Akaike info criterion	288.111
S.E. of regression	:	2.13912	Schwarz criterion	298.983
Sigma-square ML	:	4.22386		
S.E of regression ML	:	2.0552		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	7.191996	0.7416677	9.697061	0.0000000
HIPPAM_1	-0.002936373	0.0009876602	-2.97306	0.0042402
PLN	-0.0009844555	0.0005697229	-1.727955	0.0891405
non_PLN	0.005554483	0.01401063	0.3964477	0.6931823
bla_alir	0.002417752	0.01566817	0.1543099	0.8778791

Output Analisis Regresi Spasial Model *Classic Pertama Headcount Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: outlierplnbaru			
Dependent Variable	: povertygap	Number of Observations	: 65	
Mean dependent var	: 5.38558	Number of Variables	: 2	
S.D. dependent var	: 2.66343	Degrees of Freedom	: 63	
R-squared	: 0.115259	F-statistic	: 8.20724	
Adjusted R-squared	: 0.101215	Prob(F-statistic)	: 0.00566274	
Sum squared residual	: 407.955	Log likelihood	: -151.926	
Sigma-square	: 6.47548	Akaike info criterion	: 307.852	
S.E. of regression	: 2.5447	Schwarz criterion	: 312.201	
Sigma-square ML	: 6.27624			
S.E of regression ML	: 2.50524			
Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	6.499502	0.5008072	12.97805	0.0000000
HIPPAM_1	-0.003015402	0.001052559	-2.864829	0.0056627

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER		2.818586	
(Extreme Multicollinearity)TEST ON			
NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	2.440996	0.2950833
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	1	0.07789054	0.7801767
Koenker-Bassett test	1	0.1251994	0.7234624
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	2	0.4531763	0.7972491
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : outlierplnbaru.gal			
(row-standardized weights)			
TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.328217	4.3277307	0.0000151
Lagrange Multiplier (lag)	1	16.0504588	0.0000617
Robust LM (lag)	1	2.3926686	0.1219054
Lagrange Multiplier (error)	1	15.3376256	0.0000899
Robust LM (error)	1	1.6798354	0.1949463
Lagrange Multiplier (SARMA)	2	17.7302942	0.0001412

Output Analisis Regresi Spasial Model *Classic Kedua Headcount Index* dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	: outlierplnbaru			
Spatial Weight	: outlierplnbaru.gal			
Dependent Variable	: povertygap	Number of Observations	: 65	
Mean dependent var	: 5.38558	Number of Variables	: 3	
S.D. dependent var	: 2.66343	Degrees of Freedom	: 62	
Lag coeff. (Rho)	: 0.422698			
R-squared	: 0.311153	Log likelihood	: -145.217	
Sq. Correlation	: -	Akaike info criterion	: 296.434	
Sigma-square	: 4.88659	Schwarz criterion	: 302.957	
S.E of regression	: 2.21056			
Variable	Coefficient	Std.Error	z-value	Probability
W_povertygap	0.4226982	0.1130902	3.737708	0.0001858
CONSTANT	4.182118	0.7694196	5.435419	0.0000001
HIPPAM_1	-0.002575247	0.0009223492	-2.792052	0.0052376
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST		DF	VALUE	PROB
Breusch-Pagan test		1	0.02647997	0.8707336
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : outlierplnbaru.gal				
TEST		DF	VALUE	PROB
Likelihood Ratio Test		1	13.41823	0.0002492

Output Analisis Regresi Spasial Model *Spatial Lag Headcount Index* dengan Bobot Spasial Queen

LAMPIRAN 2

GeoDa

Permodelan *Poverty Severity Index* Mengeluarkan Satu Per Satu Outlier Pada Variabel yang Berkorelasi

a. Mengeluarkan Outlier HIPPAM Masyarakat

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	outlierHIPPAMbaru			
Dependent Variable	povertysev	Number of Observations	69	
Mean dependent var	1.46852	Number of Variables	5	
S.D. dependent var	1.14688	Degrees of Freedom	64	
R-squared	: 0.430466	F-statistic	12.0932	
Adjusted R-squared	: 0.394870	Prob(F-statistic)	2.21895e-007	
Sum squared residual	: 51.6896	Log likelihood	-87.9414	
Sigma-square	: 0.807649	Akaike info criterion	185.883	
S.E. of regression	: 0.898693	Schwarz criterion	197.053	
Sigma-square ML	: 0.749124			
S.E of regression ML	: 0.86552			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.150283	0.2286535	9.404111	0.0000000
HIPPAM_1	-0.001319782	0.0003851534	-3.42664	0.0010725
PLN	-0.000272975	0.0001348706	-2.023977	0.0471513
non_PLN	0.002988102	0.005645026	0.5293336	0.5984054
blm_alir	0.0004401525	0.006263511	0.07027248	0.9442050

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Severity Index* dengan Bobot Spasial *Queen*

Regression				
SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	outlierHIPPAMbaru			
Dependent Variable	povertysev	Number of Observations	: 69	
Mean dependent var	1.46852	Number of Variables	: 3	
S.D. dependent var	1.14688	Degrees of Freedom	: 66	
R-squared	: 0.246097	F-statistic	: 10.7722	
Adjusted R-squared	: 0.223252	Prob(F-statistic)	: 8.94137e-005	
Sum squared residual	: 68.4225	Log likelihood	: -97.6168	
Sigma-square	: 1.0367	Akaike info criterion	: 201.234	
S.E. of regression	: 1.01819	Schwarz criterion	: 207.936	
Sigma-square ML	: 0.99163			
S.E of regression ML	: 0.995806			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.460703	0.2470748	9.959341	0.0000000
HIPPAM_1	-0.0009769514	0.000424546	-2.301167	0.0245483
PLN	-0.0004320135	0.0001472961	-2.932959	0.0046119

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER	4.117135		
TEST ON NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	4.302752	0.1163240
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	2	2.604845	0.2718723
Koenker-Bassett test	2	3.012388	0.2217524
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	5	14.29947	0.0138150
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : outlierHIPPAMbaru.gal			
(row-standardized weights)			
TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.259744	3.7361976	0.0001869
Lagrange Multiplier (lag)	1	14.3369488	0.0001528
Robust LM (lag)	1	3.1992650	0.0736714
Lagrange Multiplier (error)	1	11.2534748	0.0007947
Robust LM (error)	1	0.1157911	0.7336450
Lagrange Multiplier (SARMA)	2	14.4527399	0.0007272

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Severity Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	:	outlierHIPPAMbaru		
Spatial Weight	:	outlierHIPPAMbaru.gal		
Dependent Variable	:	povertysev	Number of Observations:	69
Mean dependent var	:	1.46852	Number of Variables	4
S.D. dependent var	:	1.14688	Degrees of Freedom	65
Lag coeff. (Rho)	:	0.407228		
R-squared	:	0.378952	Log likelihood	-92.2121
Sq. Correlation	:	-	Akaike info criterion	192.424
Sigma-square	:	0.816882	Schwarz criterion	201.361
S.E of regression	:	0.903815		
Variable	Coefficient	Std. Error	z-value	Probability
W_povertysev	0.4072275	0.1251497	3.253923	0.0011384
CONSTANT	1.864418	0.2821797	6.607201	0.0000000
HIPPAM_1	-0.0009018647	0.0003770499	-2.391898	0.0167615
PLN	-0.0004275554	0.0001307515	-3.269984	0.0010757
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST		DF	VALUE	PROB
Breusch-Pagan test		2	2.5458	0.2800184
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : outlierHIPPAMbaru.gal				
TEST		DF	VALUE	PROB
Likelihood Ratio Test		1	10.80942	0.0010098

Output Analisis Regresi Spasial Model *Spatial Lag Poverty Severity Index* dengan Bobot Spasial Queen

b. Mengeluarkan Outlier PLN

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outlierplnbaru		
Dependent Variable	:	povertysev	Number of Observations:	65
Mean dependent var	:	1.53218	Number of Variables	5
S.D. dependent var	:	1.14567	Degrees of Freedom	60
R-squared	:	0.401035	F-statistic	10.0432
Adjusted R-squared	:	0.361104	Prob(F-statistic)	2.7354e-006
Sum squared residual	:	51.1017	Log likelihood	-84.4125
Sigma-square	:	0.851696	Akaike info criterion	178.825
S.E. of regression	:	0.922874	Schwarz criterion	189.697
Sigma-square ML	:	0.786181		
S.E of regression ML	:	0.886668		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.307548	0.3199747	7.211656	0.0000000
HIPPAM_1	-0.001307127	0.0004261023	-3.067636	0.0032352
PLN	-0.0004077586	0.0002457933	-1.658949	0.1023448
non_PLN	0.003242341	0.006044551	0.5364073	0.5936602
bla_alir	5.189235e-005	0.006759654	0.007676776	0.9939896

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Severity Index* dengan Bobot Spasial Queen

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outlierplnbaru		
Dependent Variable	:	povertysev	Number of Observations:	65
Mean dependent var	:	1.53218	Number of Variables	2
S.D. dependent var	:	1.14567	Degrees of Freedom	63
R-squared	:	0.120468	F-statistic	8.62902
Adjusted R-squared	:	0.106507	Prob(F-statistic)	0.00461668
Sum squared residual	:	75.0388	Log likelihood	-96.8986
Sigma-square	:	1.19109	Akaike info criterion	197.797
S.E. of regression	:	1.09137	Schwarz criterion	202.146
Sigma-square ML	:	1.15444		
S.E of regression ML	:	1.07445		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.022041	0.2147866	9.414185	0.0000000
HIPPAM_1	-0.001326062	0.0004514225	-2.937519	0.0046167

LAMPIRAN 2

GeoDa

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REGRESSION DIAGNOSTICS
MULTICOLLINEARITY CONDITION NUMBER 2.818586
(Extreme Multicollinearity)TEST ON
NORMALITY OF ERRORS
TEST DF VALUE PROB
Jarque-Bera 2 5.902937 0.0522629

DIAGNOSTICS FOR HETEROSKEDASTICITY
RANDOM COEFFICIENTS
TEST DF VALUE PROB
Breusch-Pagan test 1 0.9049337 0.3414622
Koenker-Bassett test 1 1.056141 0.3040969
SPECIFICATION ROBUST TEST
TEST DF VALUE PROB
White 2 4.329865 0.1147577

DIAGNOSTICS FOR SPATIAL DEPENDENCE
FOR WEIGHT MATRIX : outlierplnbaru.gal
(row-standardized weights)
TEST MI/DF VALUE PROB
Moran's I (error) 0.297720 3.9469472 0.0000792
Lagrange Multiplier (lag) 1 14.3055859 0.0001554
Robust LM (lag) 1 2.0411556 0.1530933
Lagrange Multiplier (error) 1 12.6197945 0.0003817
Robust LM (error) 1 0.3553642 0.5510922
Lagrange Multiplier (SARMA) 2 14.6609502 0.0006553

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Output Analisis Regresi Spasial Model *Classic* Kedua *Poverty Severity Index* dengan Bobot Spasial *Queen*

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Regression
SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION
Data set : outlierplnbaru
Spatial Weight : outlierplnbaru.gal
Dependent Variable : povertysev Number of Observations: 65
Mean dependent var : 1.53213 Number of Variables : 3
S.D. dependent var : 1.14567 Degrees of Freedom : 62
Lag coeff. (Rho) : 0.425871

R-squared : 0.293463 Log likelihood : -91.2291
Sq. Correlation : - Akaike info criterion : 188.458
Sigma-square : 0.927376 Schwarz criterion : 194.981
S.E of regression : 0.963003

Variable Coefficient Std. Error z-value Probability
W_povertysev 0.4258706 0.1239797 3.435003 0.0005926
CONSTANT 1.336945 0.2794151 4.7848 0.0000017
HIPAM_1 -0.001144648 0.0004027855 -2.841829 0.0044857

REGRESSION DIAGNOSTICS
DIAGNOSTICS FOR HETEROSKEDASTICITY
RANDOM COEFFICIENTS
TEST DF VALUE PROB
Breusch-Pagan test 1 2.348607 0.1253951

DIAGNOSTICS FOR SPATIAL DEPENDENCE
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : outlierplnbaru.gal
TEST DF VALUE PROB
Likelihood Ratio Test 1 11.33895 0.0007590

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Output Analisis Regresi Spasial Model *Spatial Lag* *Poverty Severity Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

Permodelan *Human Poverty Index* Mengeluarkan Satu Per Satu Outlier Pada Variabel yang Berkorelasi

a. Mengeluarkan Outlier Panjang Jalan Kondisi Sedang

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	outlierjalansedang			
Dependent Variable	HPI	Number of Observations:	62	
Mean dependent var	9.67016	Number of Variables	6	
S.D. dependent var	4.50787	Degrees of Freedom	56	
R-squared	0.228481	F-statistic	3.31682	
Adjusted R-squared	0.159595	Prob(F-statistic)	0.0107858	
Sum squared residual	972.035	Log likelihood	-173.294	
Sigma-square	17.3578	Akaike info criterion	358.588	
S.E. of regression	4.16627	Schwarz criterion	371.351	
Sigma-square ML	15.678			
S.E. of regression ML	3.95954			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	11.68938	1.016825	11.49596	0.0000000
jl_n_sdg	-0.0002336101	0.0002555426	-0.9141727	0.3645456
sumur_1	-0.002288032	0.001144638	-1.998914	0.0504799
sungai_1	0.002805205	0.003002267	0.9343625	0.3541284
non_PLN	-0.01986518	0.02793735	-0.7110616	0.4799980
blm_alir	0.01292919	0.03171913	0.4076149	0.6851109

Output Analisis Regresi Spasial Model *Classic Human Poverty Index* dengan Bobot Spasial Queen

b. Mengeluarkan Outlier Sumur

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	outliersumurbaru			
Dependent Variable	HPI	Number of Observations:	69	
Mean dependent var	9.21623	Number of Variables	6	
S.D. dependent var	4.5043	Degrees of Freedom	63	
R-squared	0.283772	F-statistic	4.99217	
Adjusted R-squared	0.226929	Prob(F-statistic)	0.000648956	
Sum squared residual	1002.66	Log likelihood	-190.239	
Sigma-square	15.9153	Akaike info criterion	392.479	
S.E. of regression	3.9894	Schwarz criterion	405.883	
Sigma-square ML	14.5314			
S.E. of regression ML	3.812			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	11.43874	0.8685583	13.1698	0.0000000
jl_n_sdg	-0.0001664096	0.0001165715	-1.427533	0.1583646
sumur_1	-0.002315494	0.001029499	-2.249146	0.0280075
sungai_1	0.002914339	0.002867213	1.016436	0.3133093
non_PLN	-0.01560924	0.02520624	-0.6192607	0.5379773
blm_alir	0.008898273	0.02836187	0.3137408	0.7547562

Output Analisis Regresi Spasial Model *Classic Pertama Human Poverty Index* dengan Bobot Spasial Queen

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outliersumurbaru		
Dependent Variable	:	HPI	Number of Observations	: 69
Mean dependent var	:	9.21623	Number of Variables	: 2
S.D. dependent var	:	4.5043	Degrees of Freedom	: 67
R-squared	:	0.148828	F-statistic	: 11.715
Adjusted R-squared	:	0.136124	Prob(F-statistic)	: 0.00106142
Sum squared residual	:	1191.58	Log likelihood	: -196.195
Sigma-square	:	17.7847	Akaike info criterion	: 396.389
S.E. of regression	:	4.21719	Schwarz criterion	: 400.858
Sigma-square ML	:	17.2692		
S.E of regression ML	:	4.15562		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	11.18364	0.7669138	14.58266	0.0000000
sumur_1	-0.003430694	0.001002331	-3.422714	0.0010614

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER 2.642802			
TEST ON NORMALITY OF ERRORS			
EST	DF	VALUE	PROB
arque-Bera	2	4.395097	0.1110751
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
EST	DF	VALUE	PROB
reusch-Pagan test	1	4.339539	0.0372370
oenker-Bassett test	1	4.118327	0.0424210
SPECIFICATION ROBUST TEST			
EST	DF	VALUE	PROB
White	2	9.272005	0.0096964
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : outliersumurbaru.gal			
(row-standardized weights)			
EST	MI/DF	VALUE	PROB
oran's I (error)	0.053434	0.9636522	0.3352203
agrange Multiplier (lag)	1	0.3283323	0.5666428
obust LM (lag)	1	0.0077410	0.9298903
agrange Multiplier (error)	1	0.4757324	0.4903618
obust LM (error)	1	0.1551411	0.6936700
agrange Multiplier (SARMA)	2	0.4834734	0.7852629

Output Analisis Regresi Spasial Model *Classic* Kedua *Human Poverty Index* dengan Bobot Spasial *Queen*

c. Mengeluarkan Outlier Sungai

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	outliersungai2		
Dependent Variable	:	HPI	Number of Observations	: 67
Mean dependent var	:	9.11687	Number of Variables	: 6
S.D. dependent var	:	4.49025	Degrees of Freedom	: 61
R-squared	:	0.270368	F-statistic	: 4.52077
Adjusted R-squared	:	0.210563	Prob(F-statistic)	: 0.00143225
Sum squared residual	:	985.643	Log likelihood	: -185.137
Sigma-square	:	16.1581	Akaike info criterion	: 382.274
S.E. of regression	:	4.01971	Schwarz criterion	: 395.502
Sigma-square ML	:	14.7111		
S.E of regression ML	:	3.8355		
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	10.92114	0.9418584	11.59531	0.0000000
gln_sdg	-0.0001881909	0.0001192135	-1.578604	0.1195993
sumur_1	-0.001374586	0.0008037761	-1.71016	0.0923184
sungai_1	0.006256608	0.007238649	0.8643337	0.3907909
non_FLN	-0.01342518	0.02536158	-0.5293513	0.5984837
blm_alir	0.005850559	0.02846887	0.2055073	0.8378576

Output Analisis Regresi Spasial Model *Classic* *Human Poverty Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

d. Mengeluarkan Outlier *Human Poverty Index*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: otlierHPI			
Dependent Variable	: HPI	Number of Observations:	63	
Mean dependent var	: 8.20032	Number of Variables	: 6	
S.D. dependent var	: 3.50263	Degrees of Freedom	: 57	
R-squared	: 0.240475	F-statistic	: 3.60938	
Adjusted R-squared	: 0.173850	Prob(F-statistic)	: 0.00662608	
Sum squared residual	: 587.044	Log likelihood	: -159.7	
Sigma-square	: 10.299	Akaike info criterion	: 331.4	
S.E. of regression	: 3.20921	Schwarz criterion	: 344.259	
Sigma-square ML	: 9.31817			
S.E of regression ML	: 3.05257			

Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	9.683254	0.7732731	12.52242	0.0000000
jl_n_sdg	-0.0001031016	9.477243e-005	-1.087886	0.2812244
sumur_1	-0.0009186172	0.0006386504	-1.438373	0.1557966
sungai_1	0.001642463	0.004737748	0.3466758	0.7301123
non_PLN	-0.0005804408	0.0205743	-0.02821193	0.9776043
blm_alir	-0.007643548	0.02309082	-0.331021	0.7418428

Output Analisis Regresi Spasial Model *Classic Human Poverty Index* dengan Bobot Spasial Queen



LAMPIRAN 2 GeoDa

Permodelan *Headcount Index* dengan Mengeluarkan Desa dan Variabel yang termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: baru_lagi			
Dependent Variable	: headcount	Number of Observations:	41	
Mean dependent var	: 21.7681	Number of Variables	16	
S.D. dependent var	: 5.12841	Degrees of Freedom	25	
R-squared	: 0.494143	F-statistic	: 1.62807	
Adjusted R-squared	: 0.190629	Prob(F-statistic)	: 0.136337	
Sum squared residual	: 545.479	Log likelihood	: -111.232	
Sigma-square	: 21.8192	Akaike info criterion	: 254.465	
S.E. of regression	: 4.6711	Schwarz criterion	: 281.882	
Sigma-square ML	: 13.3044			
S.E of regression ML	: 3.64752			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	30.92958	9.021328	3.428495	0.0021114
jln_baik	-0.0006742555	0.0004873946	-1.383387	0.1787761
jln_sdg	0.001061582	0.0005294052	2.005235	0.0558783
jln_brk	-0.0004954974	0.0004559239	-1.086798	0.2874938
jln_ttl	0.0004918822	0.0004506602	1.09147	0.2854739
lebar_max	1.478785	1.473588	1.003526	0.3252219
lebar_mna	1.115039	1.897685	0.5875785	0.5620857
lebar_jln	-8.106583	4.936596	-1.64214	0.1130822
desa_kec	-0.05588635	0.2808229	-0.1990093	0.8438658
desa_kab	0.05732484	0.115929	0.4944823	0.6252834
sumur	0.001429101	0.00454905	0.3141538	0.7560109
HIPPAM	0.01076998	0.004476905	2.405674	0.0238654
sungai	-0.02231215	0.01391609	-1.603335	0.1214216
nata_air	0.003843359	0.004485148	0.856908	0.3996355
tnp_akses	-0.001740451	0.02032054	-0.08564985	0.9324242
PLN	-0.004339378	0.003651596	-1.188351	0.2458619

Output Analisis Regresi Spasial Model *Classic Pertama Headcount Index* dengan Bobot Spasial *Queen*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: baru_lagi			
Dependent Variable	: headcount	Number of Observations:	41	
Mean dependent var	: 21.7681	Number of Variables	2	
S.D. dependent var	: 5.12841	Degrees of Freedom	39	
R-squared	: 0.118163	F-statistic	: 5.22588	
Adjusted R-squared	: 0.095552	Prob(F-statistic)	: 0.0277685	
Sum squared residual	: 950.908	Log likelihood	: -122.625	
Sigma-square	: 24.3822	Akaike info criterion	: 249.251	
S.E. of regression	: 4.93784	Schwarz criterion	: 252.678	
Sigma-square ML	: 23.1929			
S.E of regression ML	: 4.8159			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	19.39069	1.294692	14.97707	0.0000000
HIPPAM	0.006081424	0.002660269	2.286018	0.0277685

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER		3.027465	
(Extreme Multicollinearity)TEST ON			
NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	1.181807	0.5538267
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	1	0.1570216	0.6919136
Koenker-Bassett test	1	0.1884696	0.6641934
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	2	0.6488297	0.7229503
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : queenoutlier.gal			
(row-standardized weights)			
TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.364397	3.1651477	0.0015502
Lagrange Multiplier (lag)	1	9.6559076	0.0018874
Robust LM (lag)	1	2.4900999	0.1145645
Lagrange Multiplier (error)	1	7.6106658	0.0058024
Robust LM (error)	1	0.4448581	0.5047869
Lagrange Multiplier (SARMA)	2	10.1007657	0.0064069

Output Analisis Regresi Spasial Model *Classic Kedua Headcount Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION				
Data set	: baru_lagi			
Spatial Weight	: queenoutlier.gal			
Dependent Variable	: headcount	Number of Observations:	41	
Mean dependent var	: 21.7681	Number of Variables	3	
S.D. dependent var	: 5.12841	Degrees of Freedom	38	
Lag coeff. (Rho)	: 0.474809			
R-squared	: 0.356421	Log likelihood	: -117.799	
Sq. Correlation	: -	Akaike info criterion	: 241.597	
Sigma-square	: 16.9265	Schwarz criterion	: 246.738	
S.E of regression	: 4.11419			
Variable	Coefficient	Std. Error	z-value	Probability
W_headcount	0.4748088	0.1330191	3.569478	0.0003578
CONSTANT	10.35503	3.079474	3.362596	0.0007722
HIPPAM	0.003577307	0.002232701	1.602233	0.1091040
REGRESSION DIAGNOSTICS				
DIAGNOSTICS FOR HETEROSKEDASTICITY				
RANDOM COEFFICIENTS				
TEST		DF	VALUE	PROB
Breusch-Pagan test		1	0.06907531	0.7926879
DIAGNOSTICS FOR SPATIAL DEPENDENCE				
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenoutlier.gal				
TEST		DF	VALUE	PROB
Likelihood Ratio Test		1	9.65323	0.0018902

Output Analisis Regresi Spasial Model *Spatial Lag Headcount Index* dengan Bobot Spasial *Queen*

Permodelan *Poverty Gap Index* dengan Mengeluarkan Desa dan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: baru_lagi			
Dependent Variable	: povertygap	Number of Observations:	41	
Mean dependent var	: 4.91026	Number of Variables	17	
S.D. dependent var	: 2.56587	Degrees of Freedom	24	
R-squared	: 0.652520	F-statistic	: 2.8168	
Adjusted R-squared	: 0.420867	Prob(F-statistic)	: 0.0107382	
Sum squared residual	: 93.796	Log likelihood	: -75.1413	
Sigma-square	: 3.90817	Akaike info criterion	: 184.283	
S.E. of regression	: 1.97691	Schwarz criterion	: 213.413	
Sigma-square ML	: 2.28771			
S.E of regression ML	: 1.51252			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	5.859963	3.866216	1.515684	0.1426606
jln_baik	0.0002165881	0.0002066008	1.048341	0.3049245
jln_sdg	0.0001713099	0.0002240671	0.7645473	0.4519937
jln_brk	2.033856e-005	0.000193095	0.1053293	0.9169892
jln_ttl	-0.0001967504	0.0001907292	-1.031569	0.3125579
lebar_max	0.03502805	0.6631988	0.05281682	0.9583135
lebar_mna	-0.6094254	0.8215632	-0.7417877	0.4654136
lebar_jln	0.9322474	2.091757	0.4456766	0.6598255
desa_kec	0.1146437	0.1221696	0.9383984	0.3573884
desa_kab	-0.03808014	0.04952681	-0.7688794	0.4494657
sumur	0.005384283	0.001995976	2.697569	0.0125766
HIPPAM	0.001573246	0.001903554	0.8264783	0.4166740
sungai	0.01491372	0.006001564	2.484972	0.0203220
mata_air	0.00718329	0.00202424	3.548635	0.0016333
tnp_akses	-0.01330784	0.009000071	-1.478638	0.1522431
HPI	0.128932	0.1456678	0.8851098	0.3848798
PLN	-0.006154207	0.001545478	-3.982075	0.0005513

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Gap Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	:	baru_lagi		
Dependent Variable	:	povertygap	Number of Observations:	41
Mean dependent var	:	4.91026	Number of Variables	5
S.D. dependent var	:	2.56587	Degrees of Freedom	36

R-squared	:	0.541750	F-statistic	:	10.6399
Adjusted R-squared	:	0.490833	Prob(F-statistic)	:	8.53722e-006
Sum squared residual	:	123.696	Log likelihood	:	-80.8138
Sigma-square	:	3.43601	Akaike info criterion	:	171.628
S.E. of regression	:	1.85365	Schwarz criterion	:	180.195
Sigma-square ML	:	3.01699			
S.E. of regression ML	:	1.73695			

Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	7.374838	0.9353281	7.88476	0.0000000
sumur	0.004205658	0.000933333	4.506064	0.0000672
sungai	0.0126028	0.004930987	2.555837	0.0149599
mata_air	0.005739671	0.001417432	4.049344	0.0002610
PLN	-0.005876991	0.0009115516	-6.447238	0.0000002

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER	9.552952		
	(Extreme Multicollinearity)TEST ON		
NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	0.6689272	0.7157219
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	4	0.7984672	0.9386534
Koenker-Bassett test	4	1.156522	0.8852038
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	14	16.39015	0.2901336
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : queenoutlier.gal			
(row-standardized weights)			
TEST	ML/DF	VALUE	PROB
Moran's I (error)	-0.057248	-0.1223609	0.9026131
Lagrange Multiplier (lag)	1	0.9267434	0.3357106
Robust LM (lag)	1	3.7723413	0.0521067
Lagrange Multiplier (error)	1	0.1878419	0.6647189
Robust LM (error)	1	3.0334398	0.0815649
Lagrange Multiplier (SARMA)	2	3.9601832	0.1380566

Output Analisis Regresi Spasial Model *Classic* Kedua *Poverty Gap Index* dengan Bobot Spasial *Queen*



LAMPIRAN 2 GeoDa

Permodelan *Poverty Severity Index* dengan Mengeluarkan Desa dan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	baru_lagi			
Dependent Variable	povertysev	Number of Observations:	41	
Mean dependent var	1.3287	Number of Variables	16	
S.D. dependent var	1.05246	Degrees of Freedom	25	
R-squared	0.606687	F-statistic	2.57084	
Adjusted R-squared	0.370700	Prob(F-statistic)	0.0178305	
Sum squared residual	17.8621	Log likelihood	-41.1432	
Sigma-square	0.714484	Akaike info criterion	114.286	
S.E. of regression	0.845272	Schwarz criterion	141.704	
Sigma-square ML	0.435661			
S.E. of regression ML	0.660046			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.028441	1.632479	1.242552	0.2255620
jln_baik	0.0001219178	8.819784e-005	1.382322	0.1790992
jln_sdq	8.122215e-006	9.579999e-005	0.08478305	0.9331058
jln_brk	3.104509e-005	8.250297e-005	0.3762905	0.7098761
jln_ttl	-8.780139e-005	8.155047e-005	-1.076651	0.2919166
lebar_max	0.1242274	0.2666573	0.4658691	0.6453421
lebar_mnm	-0.1285544	0.3434008	-0.3743568	0.7112957
lebar_jln	0.3573603	0.8933154	0.4000382	0.6925256
desa_kec	0.03619792	0.05081708	0.7123181	0.4828632
desa_kab	-0.01954544	0.02097825	-0.9317001	0.3604026
sumur	0.001991468	0.0008231859	2.41922	0.0231610
HIPPAM	0.0006640209	0.0008101307	0.8196467	0.4201634
sungai	0.004194235	0.002518224	1.665553	0.1082863
mata_air	0.002189611	0.0008116224	2.69782	0.0123202
tnp_akses	-0.003071245	0.00367716	-0.8352222	0.4115041
PLN	-0.00242257	0.0006607846	-3.666203	0.0011613

Output Analisis Regresi Spasial Model *Classic Pertama Poverty Severity Index* dengan Bobot Spasial *Queen*

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	baru_lagi			
Dependent Variable	povertysev	Number of Observations:	41	
Mean dependent var	1.3287	Number of Variables	4	
S.D. dependent var	1.05246	Degrees of Freedom	37	
R-squared	0.449116	F-statistic	10.0549	
Adjusted R-squared	0.404450	Prob(F-statistic)	5.54067e-005	
Sum squared residual	25.0181	Log likelihood	-48.0501	
Sigma-square	0.676165	Akaike info criterion	104.1	
S.E. of regression	0.822293	Schwarz criterion	110.954	
Sigma-square ML	0.610198			
S.E of regression ML	0.781152			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	2.65534	0.377219	7.039251	0.0000000
sumur	0.001348573	0.0003562193	3.785794	0.0005448
mata_air	0.001704876	0.0005658005	3.01321	0.0046452
PLN	-0.002047589	0.0003772978	-5.426984	0.0000037

REGRESSION DIAGNOSTICS			
MULTICOLLINEARITY CONDITION NUMBER	8.646577		
TEST ON NORMALITY OF ERRORS			
TEST	DF	VALUE	PROB
Jarque-Bera	2	1.884047	0.3898382
DIAGNOSTICS FOR HETEROSKEDASTICITY			
RANDOM COEFFICIENTS			
TEST	DF	VALUE	PROB
Breusch-Pagan test	3	2.206098	0.5307484
Koenker-Bassett test	3	2.924345	0.4034374
SPECIFICATION ROBUST TEST			
TEST	DF	VALUE	PROB
White	9	13.00533	0.1623652
DIAGNOSTICS FOR SPATIAL DEPENDENCE			
FOR WEIGHT MATRIX : queenoutlier.gal (row-standardized weights)			
TEST	MI/DF	VALUE	PROB
Moran's I (error)	-0.015642	0.2174479	0.8278594
Lagrange Multiplier (lag)	1	0.8135839	0.3670628
Robust LM (lag)	1	2.5337764	0.1114332
Lagrange Multiplier (error)	1	0.0140238	0.9057332
Robust LM (error)	1	1.7342164	0.1878733
Lagrange Multiplier (SARMA)	2	2.5478003	0.2797385

Output Analisis Regresi Spasial Model *Classic Kedua Poverty Severity Index* dengan Bobot Spasial *Queen*

LAMPIRAN 2

GeoDa

Permodelan *Human Poverty Index* dengan Mengeluarkan Desa dan Variabel yang Termasuk dalam Outlier

Regression SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION				
Data set	: baru_lagi			
Dependent Variable	: HPI	Number of Observations	: 41	
Mean dependent var	: 6.46488	Number of Variables	: 16	
S.D. dependent var	: 2.84413	Degrees of Freedom	: 25	
R-squared	: 0.444654	F-statistic	: 1.33447	
Adjusted R-squared	: 0.111447	Prob(F-statistic)	: 0.254013	
Sum squared residual	: 184.181	Log likelihood	: -88.9746	
Sigma-square	: 7.36726	Akaike info criterion	: 209.949	
S.E. of regression	: 2.71427	Schwarz criterion	: 237.366	
Sigma-square ML	: 4.49223			
S.E. of regression ML	: 2.11949			
Variable	Coefficient	Std. Error	t-Statistic	Probability
CONSTANT	4.177836	5.242089	0.7969792	0.4329673
jln_baik	-7.951968e-005	0.0002832139	-0.280776	0.7811930
jln_sdg	1.561815e-005	0.0003076253	0.05077004	0.9599078
jln_brk	5.016414e-005	0.000264927	0.1893508	0.8513455
jln_ttl	-1.989297e-006	0.0002618684	-0.007596552	0.9939781
lebar_max	1.548623	0.8562687	1.808571	0.0825619
lebar_mnm	1.187674	1.102702	1.077058	0.2917381
lebar_jln	-0.6997068	2.868544	-0.2439241	0.8092809
desa_kec	-0.1941735	0.1631798	-1.189936	0.2452498
desa_kab	0.04639107	0.0673637	0.6886657	0.4973750
sumur	-0.003615126	0.00264335	-1.367631	0.1835974
HIPPAN	-0.001257402	0.002601428	-0.4833508	0.6330537
sungai	-0.007921705	0.008086322	-0.9796425	0.3366483
mata_air	-0.004826719	0.002606218	-1.852001	0.0758708
tnp_akses	0.01821446	0.01180781	1.542578	0.1354980
PLN	8.05461e-005	0.002121859	0.03796015	0.9700204

Output Analisis Regresi Spasial Model *Classic Human Poverty Index* dengan Bobot Spasial Queen

