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Model type Gaussian

Number of observations: 267

Number of covariates: 3

Global Regression Results

---------------------------------------------------------------------------

Residual sum of squares: 40977436.903

Log-likelihood: -533.833

AIC: 1073.666

AICc: 1076.322

BIC: 40977172.955

R2: 0.039

Adj. R2: 0.009

Variable Est. SE t(Est/SE) p-value

------------------------------- ---------- ---------- ---------- ----------

X0 11248.591 9308.760 1.208 0.227

X1 16.603 12.469 1.332 0.183

X2 10.734 13.739 0.781 0.435

Spatiotemporal Weighted Regression (STWR) Results

---------------------------------------------------------------------------

Spatial kernel: Adaptive spt\_bisquare

Model sita used: 0.000

Model alpha used: 0.400

Init Bandwidth used: 2.000

Model Ticktimes used: 4.000

Model Ticktimes Intervels: 998.000

Diagnostic information

---------------------------------------------------------------------------

Residual sum of squares: 415002.513

Effective number of parameters (trace(S)): 49.638

Degree of freedom (n - trace(S)): 217.362

Sigma estimate: 43.695

Log-likelihood: -382.281

AIC: 865.838

AICc: 890.122

BIC: 1047.490

R2: 0.990

Adj. alpha (95%): 0.003

Adj. critical t value (95%): 2.993

Summary Statistics For STWR Parameter Estimates

---------------------------------------------------------------------------

Variable Mean STD Min Median Max

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X0 37.213 2747.443 -15353.422 8.641 16040.488

X1 -3.891 32.870 -238.240 2.670 4.600

X2 8.808 31.463 0.551 3.105 247.880

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Model type Gaussian

Number of observations: 66

Number of covariates: 3

Global Regression Results

---------------------------------------------------------------------------

Residual sum of squares: 40977436.903

Log-likelihood: -533.833

AIC: 1073.666

AICc: 1076.322

BIC: 40977172.955

R2: 0.039

Adj. R2: 0.009

Variable Est. SE t(Est/SE) p-value

------------------------------- ---------- ---------- ---------- ----------

X0 11248.591 9308.760 1.208 0.227

X1 16.603 12.469 1.332 0.183

X2 10.734 13.739 0.781 0.435

Geographically Weighted Regression (GWR) Results

---------------------------------------------------------------------------

Spatial kernel: Adaptive bisquare

Bandwidth used: 18.000

Diagnostic information

---------------------------------------------------------------------------

Residual sum of squares: 7268464.271

Effective number of parameters (trace(S)): 25.305

Degree of freedom (n - trace(S)): 40.695

Sigma estimate: 422.619

Log-likelihood: -476.760

AIC: 1006.130

AICc: 1043.252

BIC: 1063.728

R2: 0.830

Adj. alpha (95%): 0.006

Adj. critical t value (95%): 2.845

Summary Statistics For GWR Parameter Estimates

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Variable Mean STD Min Median Max

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X0 4713.343 14587.670 -40563.834 5068.219 29135.007

X1 8.261 20.768 -28.923 3.893 69.438

X2 6.509 24.518 -75.043 1.818 76.629

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