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Model type Gaussian

Number of observations: 134

Number of covariates: 3

Global Regression Results

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

Residual sum of squares: 6003138.351

Log-likelihood: -477.073

AIC: 960.145

AICc: 962.791

BIC: 6002869.251

R2: 0.009

Adj. R2: -0.022

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

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

X0 582.862 1642.219 0.355 0.723

X1 3.661 4.991 0.733 0.463

X2 0.705 6.008 0.117 0.907

Spatiotemporal Weighted Regression (STWR) Results

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

Spatial kernel: Adaptive spt\_bisquare

Model sita used: 0.000

Model alpha used: 0.080

Init Bandwidth used: 2.000

Model Ticktimes used: 2.000

Model Ticktimes Intervels: 400.000

Diagnostic information

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

Residual sum of squares: 13275.669

Effective number of parameters (trace(S)): 63.495

Degree of freedom (n - trace(S)): 70.505

Sigma estimate: 13.722

Log-likelihood: -272.250

AIC: 673.490

AICc: 796.809

BIC: 860.384

R2: 0.998

Adj. alpha (95%): 0.002

Adj. critical t value (95%): 3.100

Summary Statistics For STWR Parameter Estimates

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

Variable Mean STD Min Median Max

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

X0 -59.214 2349.324 -16003.219 113.537 7528.573

X1 3.429 15.735 -50.672 2.019 108.153

X2 3.179 15.500 -48.089 2.172 107.742

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Model type Gaussian

Number of observations: 67

Number of covariates: 3

Global Regression Results

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

Residual sum of squares: 6003138.351

Log-likelihood: -477.073

AIC: 960.145

AICc: 962.791

BIC: 6002869.251

R2: 0.009

Adj. R2: -0.022

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

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

X0 582.862 1642.219 0.355 0.723

X1 3.661 4.991 0.733 0.463

X2 0.705 6.008 0.117 0.907

Geographically Weighted Regression (GWR) Results

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

Spatial kernel: Adaptive bisquare

Bandwidth used: 21.000

Diagnostic information

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

Residual sum of squares: 972222.168

Effective number of parameters (trace(S)): 22.326

Degree of freedom (n - trace(S)): 44.674

Sigma estimate: 147.521

Log-likelihood: -416.088

AIC: 878.827

AICc: 905.420

BIC: 930.253

R2: 0.840

Adj. alpha (95%): 0.007

Adj. critical t value (95%): 2.799

Summary Statistics For GWR Parameter Estimates

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Variable Mean STD Min Median Max

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X0 704.257 2885.549 -7182.959 471.403 8908.074

X1 5.045 6.405 -7.780 4.078 16.437

X2 0.938 11.030 -28.490 1.617 29.695

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