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Model type Gaussian

Number of observations: 67

Number of covariates: 3

Global Regression Results

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

Residual sum of squares: 760567.776

Log-likelihood: -407.863

AIC: 821.725

AICc: 824.370

BIC: 760298.675

R2: 0.032

Adj. R2: 0.002

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

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

X0 119.942 216.111 0.555 0.579

X1 2.177 1.702 1.279 0.201

X2 1.878 2.413 0.778 0.437

Spatiotemporal Weighted Regression (STWR) Results

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

Spatial kernel: Adaptive spt\_bisquare

Model sita used: 0.000

Model alpha used: 0.000

Init Bandwidth used: 11.000

Model Ticktimes used: 1.000

Model Ticktimes Intervels: 0.000

Diagnostic information

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

Residual sum of squares: 27953.094

Effective number of parameters (trace(S)): 36.701

Degree of freedom (n - trace(S)): 30.299

Sigma estimate: 30.374

Log-likelihood: -297.194

AIC: 669.791

AICc: 772.914

BIC: 752.912

R2: 0.964

Adj. alpha (95%): 0.004

Adj. critical t value (95%): 2.975

Summary Statistics For STWR Parameter Estimates

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Variable Mean STD Min Median Max

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X0 55.440 309.728 -674.144 -0.375 826.352

X1 2.560 2.396 -4.493 2.754 6.455

X2 2.527 3.967 -7.609 2.983 14.663

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Model type Gaussian

Number of observations: 67

Number of covariates: 3

Global Regression Results

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

Residual sum of squares: 760567.776

Log-likelihood: -407.863

AIC: 821.725

AICc: 824.370

BIC: 760298.675

R2: 0.032

Adj. R2: 0.002

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

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X0 119.942 216.111 0.555 0.579

X1 2.177 1.702 1.279 0.201

X2 1.878 2.413 0.778 0.437

Geographically Weighted Regression (GWR) Results

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

Spatial kernel: Adaptive bisquare

Bandwidth used: 21.000

Diagnostic information

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Residual sum of squares: 70299.727

Effective number of parameters (trace(S)): 22.839

Degree of freedom (n - trace(S)): 44.161

Sigma estimate: 39.899

Log-likelihood: -328.089

AIC: 703.857

AICc: 731.948

BIC: 756.416

R2: 0.911

Adj. alpha (95%): 0.007

Adj. critical t value (95%): 2.807

Summary Statistics For GWR Parameter Estimates

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Variable Mean STD Min Median Max

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X0 60.711 282.966 -437.290 -20.315 617.184

X1 2.476 2.438 -4.096 2.727 5.796

X2 2.696 3.192 -7.252 2.692 7.617

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