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Model type Gaussian

Number of observations: 201

Number of covariates: 3

Global Regression Results

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

Residual sum of squares: 11691424.736

Log-likelihood: -499.403

AIC: 1004.806

AICc: 1007.451

BIC: 11691155.635

R2: 0.024

Adj. R2: -0.006

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

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

X0 -1727.977 2698.162 -0.640 0.522

X1 6.031 5.910 1.020 0.308

X2 5.775 8.551 0.675 0.499

Spatiotemporal Weighted Regression (STWR) Results

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

Spatial kernel: Adaptive spt\_bisquare

Model sita used: 0.000

Model alpha used: 0.000

Init Bandwidth used: 6.000

Model Ticktimes used: 3.000

Model Ticktimes Intervels: 600.000

Diagnostic information

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

Residual sum of squares: 447502.660

Effective number of parameters (trace(S)): 26.273

Degree of freedom (n - trace(S)): 174.727

Sigma estimate: 50.608

Log-likelihood: -390.095

AIC: 834.735

AICc: 843.663

BIC: 924.824

R2: 0.963

Adj. alpha (95%): 0.006

Adj. critical t value (95%): 2.794

Summary Statistics For STWR Parameter Estimates

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

Variable Mean STD Min Median Max

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

X0 20.921 46.180 -76.631 17.838 132.900

X1 2.796 0.960 0.938 2.699 4.467

X2 2.687 1.037 0.905 2.346 4.719

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Model type Gaussian

Number of observations: 67

Number of covariates: 3

Global Regression Results

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

Residual sum of squares: 11691424.736

Log-likelihood: -499.403

AIC: 1004.806

AICc: 1007.451

BIC: 11691155.635

R2: 0.024

Adj. R2: -0.006

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

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

X0 -1727.977 2698.162 -0.640 0.522

X1 6.031 5.910 1.020 0.308

X2 5.775 8.551 0.675 0.499

Geographically Weighted Regression (GWR) Results

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

Spatial kernel: Adaptive bisquare

Bandwidth used: 21.000

Diagnostic information

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

Residual sum of squares: 1805748.961

Effective number of parameters (trace(S)): 21.700

Degree of freedom (n - trace(S)): 45.300

Sigma estimate: 199.654

Log-likelihood: -436.829

AIC: 919.058

AICc: 943.907

BIC: 969.104

R2: 0.849

Adj. alpha (95%): 0.007

Adj. critical t value (95%): 2.788

Summary Statistics For GWR Parameter Estimates

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Variable Mean STD Min Median Max

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X0 -869.744 5380.262 -15391.794 -168.340 11349.630

X1 4.561 6.454 -4.490 3.690 20.521

X2 4.358 17.797 -35.895 1.227 44.489

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