

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 2.90

Global applicability domain: Inside

Local applicability domain index: 5.71e-01

Confidence level: 7.75e-01

Nearest Neighbors from the Training Set

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Propazine

Measured: 2.93

Predicted: 3.11

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Sebuthylazine

Measured: 2.61

Predicted: 2.67

[Image not found](#)

Atrazine

Measured: 2.61

Predicted: 2.67

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Terbutylazine

Measured: 3.21

Predicted: 3.57