

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
0.84	0.55	0.85	0.53	0.83	0.64

Model Results

Predicted value: 195

Global applicability domain: Inside

Local applicability domain index: 3.71e-01

Confidence level: 5.76e-01

Nearest Neighbors from the Training Set

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Captan

Measured: 95.5

Predicted: 103

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Thiobencarb

Measured: 170

Predicted: 155

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Dicapthon

Measured: 77.6

Predicted: 33.3

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Chlorthion

Measured: 35.5

Predicted: 32.7

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Dieldrin

Measured: 8130

Predicted: 4890

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Endrin

Measured: 8130

Predicted: 4890