

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: 6960

Global applicability domain: Inside

Local applicability domain index: 4.13e-01

Confidence level: 5.96e-01

Nearest Neighbors from the Training Set

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Aldrin

Measured: 5500

Predicted: 7260

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Dieldrin

Measured: 8130

Predicted: 4890

[Image not found](#)

Endrin

Measured: 8130

Predicted: 4890

[Image not found](#)

Heptachlor

Measured: 8710

Predicted: 8550

[Image not found](#)

Chlordane

Measured: 22600

Predicted: 15500

[Image not found](#)

cis-Chlordane

Measured: 22600

Predicted: 15500

[Image not found](#)

Chlordane

Measured: 22600

Predicted: 15500

