

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
0.95	0.69	0.95	0.65	0.96	0.68

Model Results

Predicted value: 8.90

Global applicability domain: Inside

Local applicability domain index: 9.84e-01

Confidence level: 6.18e-01

Nearest Neighbors from the Training Set

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Dieldrin

Measured: 8.52

Predicted: 8.90

[Image not found](#)

Endrin

Measured: 8.52

Predicted: 8.90

[Image not found](#)

2,2,4,5,5'-Pentachlorobiphenyl

Measured: 9.06

Predicted: 9.17

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2,2',3,5',6-Pentachlorobiphenyl

Measured: 8.79

Predicted: 9.17

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p,p'-DDE

Measured: 9.68

Predicted: 9.18

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2,2',3,6,6'-Pentachlorobiphenyl

Measured: 8.53

Predicted: 9.31