

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
0.89	0.25	0.88	0.26	0.75	0.38

Model Results

Predicted value: 15.6 days

Global applicability domain: Inside

Local applicability domain index: 4.27e-01

Confidence level: 8.71e-01

Nearest Neighbors from the Training Set

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Phenanthrene, trimethyl-

Measured: 26200

Predicted: 75.6

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9-Ethyl-9H-fluorene

Measured: 2330

Predicted: N/A

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4-Methylindan

Measured: 4.93

Predicted: 2.31

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Acenaphthene

Measured: 4610

Predicted: 40.1

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3-Methylindene

Measured: 12.5

Predicted: 2.76