

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
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 210 L/kg

Global applicability domain: Inside

Local applicability domain index: 4.88e-01

Confidence level: 7.63e-01

Nearest Neighbors from the Training Set

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Oxydemeton-methyl

Measured: 10.0

Predicted: 14.0

Image not found

Methyl parathion

Measured: 1000

Predicted: 553

Image not found

Phosphorothioic acid, O,O-diethyl
S-(phenylmethyl) ester

Measured: 251

Predicted: 227

Image not found

Demeton-S

Measured: 70.8

Predicted: 90.6

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Chlorpyrifos-methyl

Measured: 3310

Predicted: 3240