

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
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** -0.144

**Global applicability domain:** Inside

**Local applicability domain index:** 5.11e-01

**Confidence level:** 7.73e-01

## Nearest Neighbors from the Training Set

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Alphate

**Measured:** -0.200

**Predicted:** -0.144

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Monocrotophos

**Measured:** -0.200

**Predicted:** -0.144

[Image not found](#)

cis-Mevinphos

**Measured:** 0.13

**Predicted:** 9.28e-02

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Dicrotophos

**Measured:** 0.0

**Predicted:** -0.0200