

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
0.72	51.8	0.74	50.3	0.73	52.7

## Model Results

**Predicted value:** 74.5 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 4.52e-01

**Confidence level:** 6.94e-01

## Nearest Neighbors from the Training Set

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Dicofol

**Measured:** 77.5

**Predicted:** 74.5

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Bromopropylate

**Measured:** 77.0

**Predicted:** 72.8

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Chloropropylate

**Measured:** 73.0

**Predicted:** 69.9

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Chlorobenzilate

**Measured:** 37.0

**Predicted:** 58.0

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Bifenthrin

**Measured:** 69.0

**Predicted:** 68.0