

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:** 11.8 days

**Global applicability domain:** Inside

**Local applicability domain index:** 7.31e-01

**Confidence level:** 8.01e-01

## Nearest Neighbors from the Training Set

Image not found

Cumene

**Measured:** 511

**Predicted:** 11.8

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m-Xylene

**Measured:** 201

**Predicted:** 9.25

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1,2-Dimethylcyclohexane

**Measured:** 777

**Predicted:** 10.2

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ortho-Xylene

**Measured:** 61.9

**Predicted:** 6.24

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1,2,4-Trimethylbenzene

**Measured:** 24.3

**Predicted:** 4.83