

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: 3.91

Global applicability domain: Inside

Local applicability domain index: 4.44e-01

Confidence level: 7.14e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Pretilachlor

Measured: 4.08

Predicted: 3.75

[Image not found](#)

Butachlor

Measured: 4.50

Predicted: 3.84