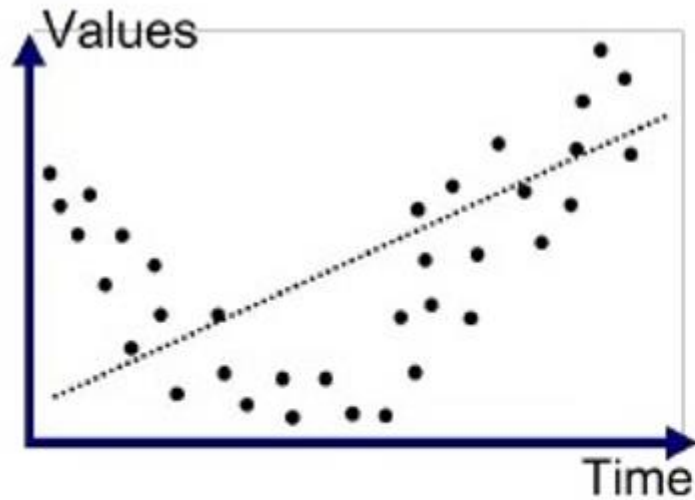


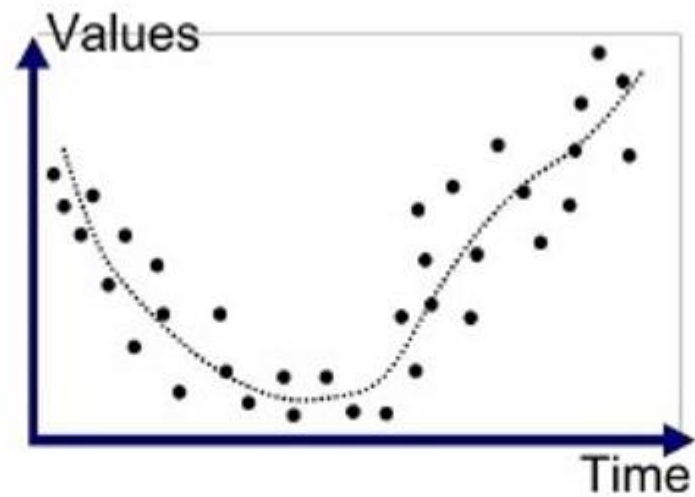
Underfitting vs. Overfitting

Regression

High Bias
Low Variance

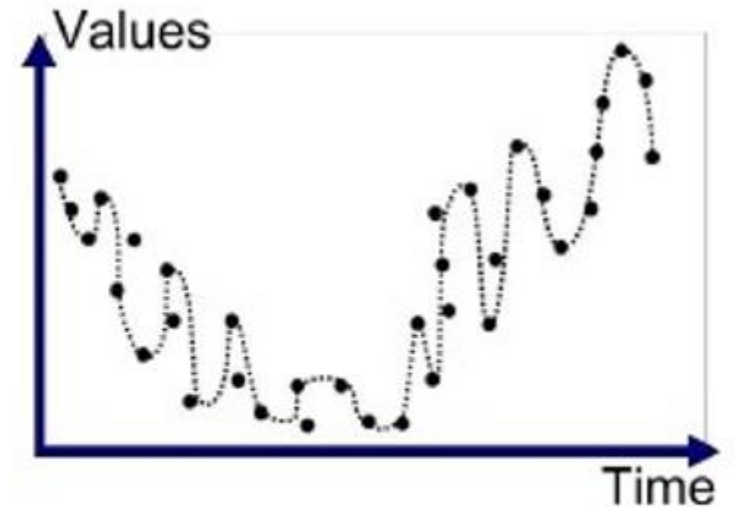


Underfit



Balanced

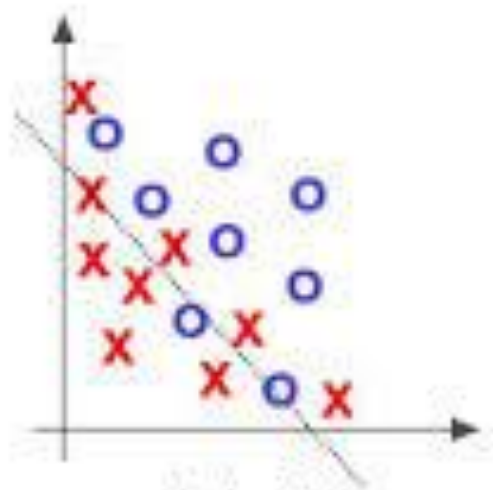
Low Bias
High Variance



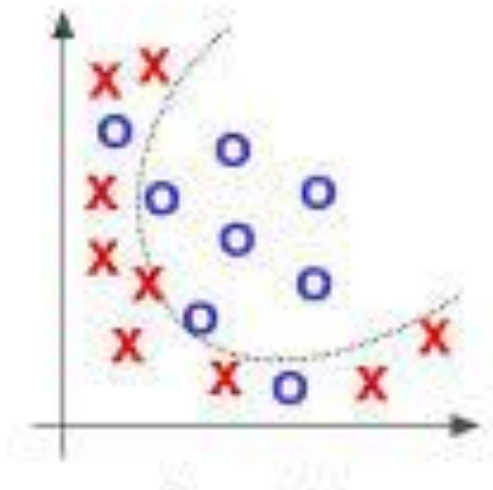
Overfit

Classification

High Bias
Low Variance

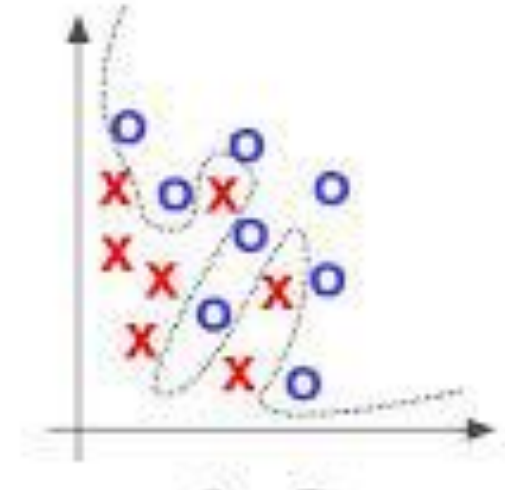


Underfit



Balanced

Low Bias
High Variance

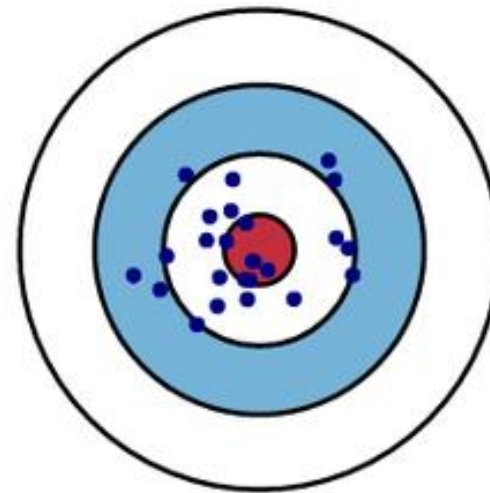
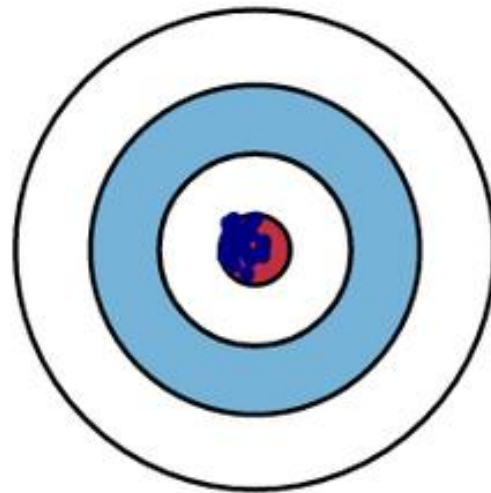


Overfit

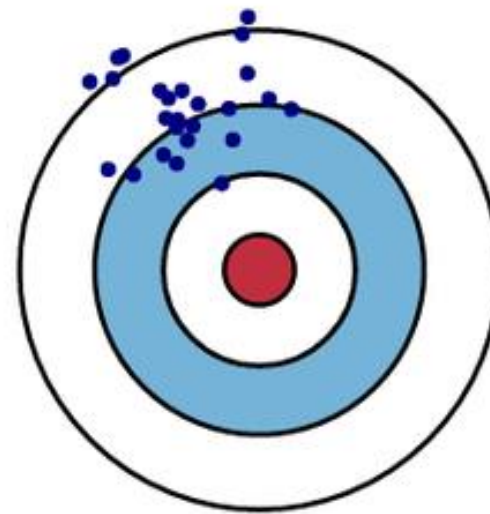
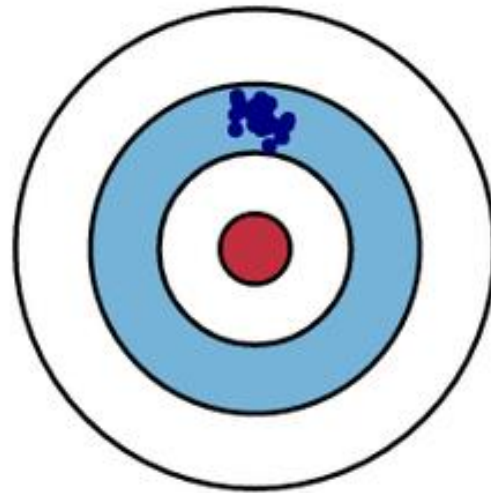
Low Variance

High Variance

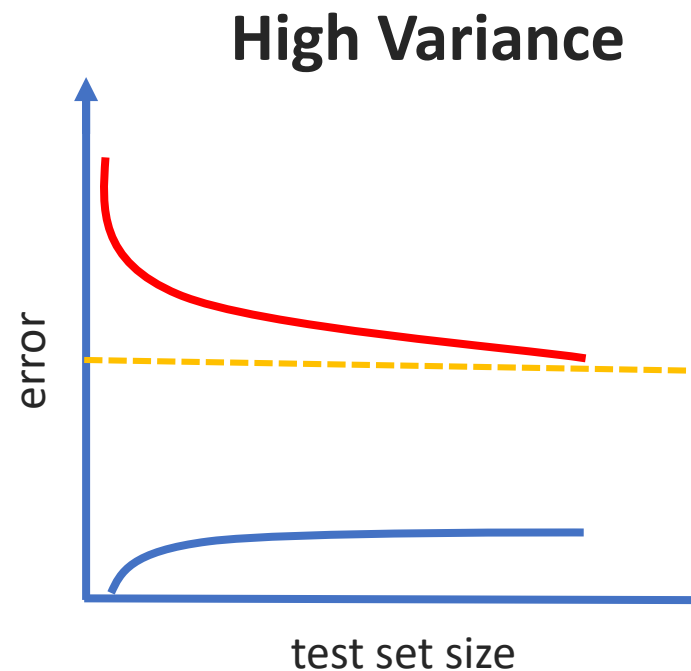
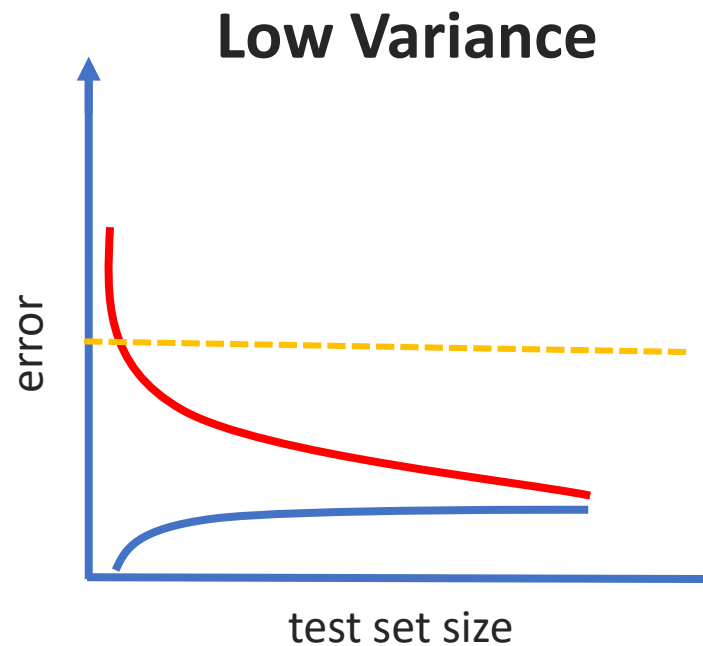
Low Bias



High Bias



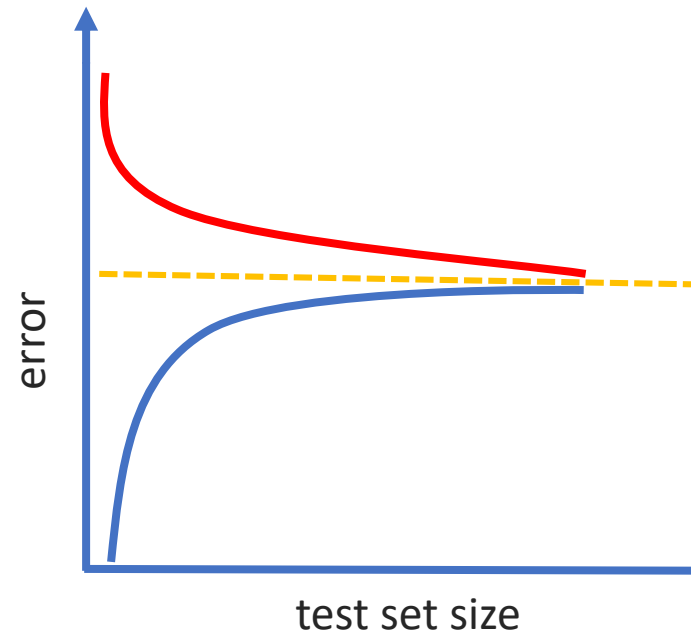
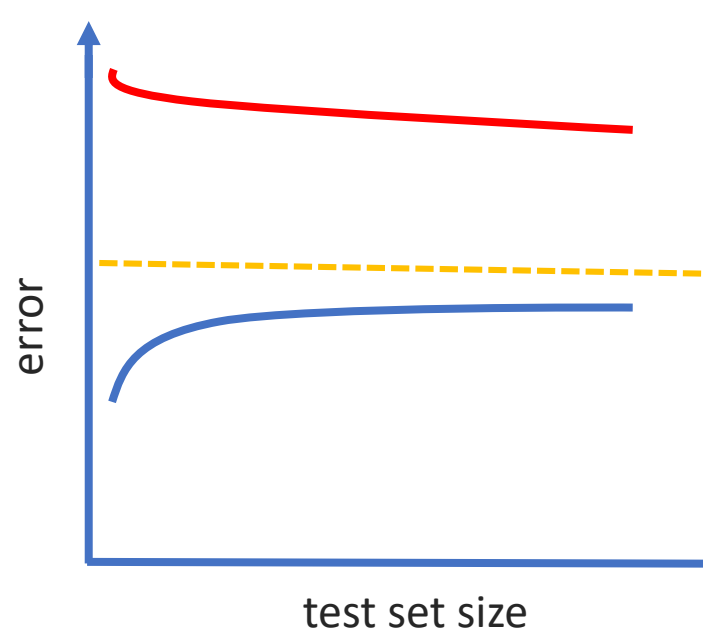
Low Bias



test set

training set

High Bias



Bias-Variance Tradeoff

