Machine Learning for Applied Physics and High Energy Physics

Lecture 3: Bias-Variance Tradeoff and Bayesian Inference

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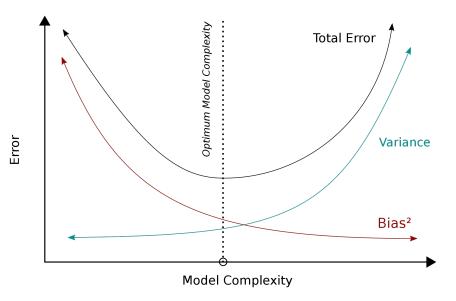
9 October 2023





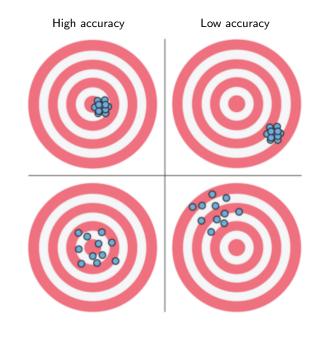


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squared mean error = bias 2 + variance + noise

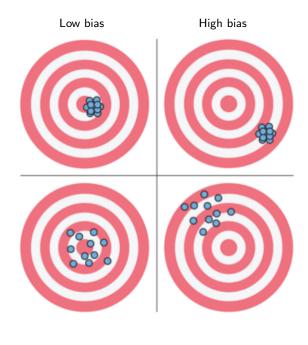
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High precision

Low precision



Low variance

High variance