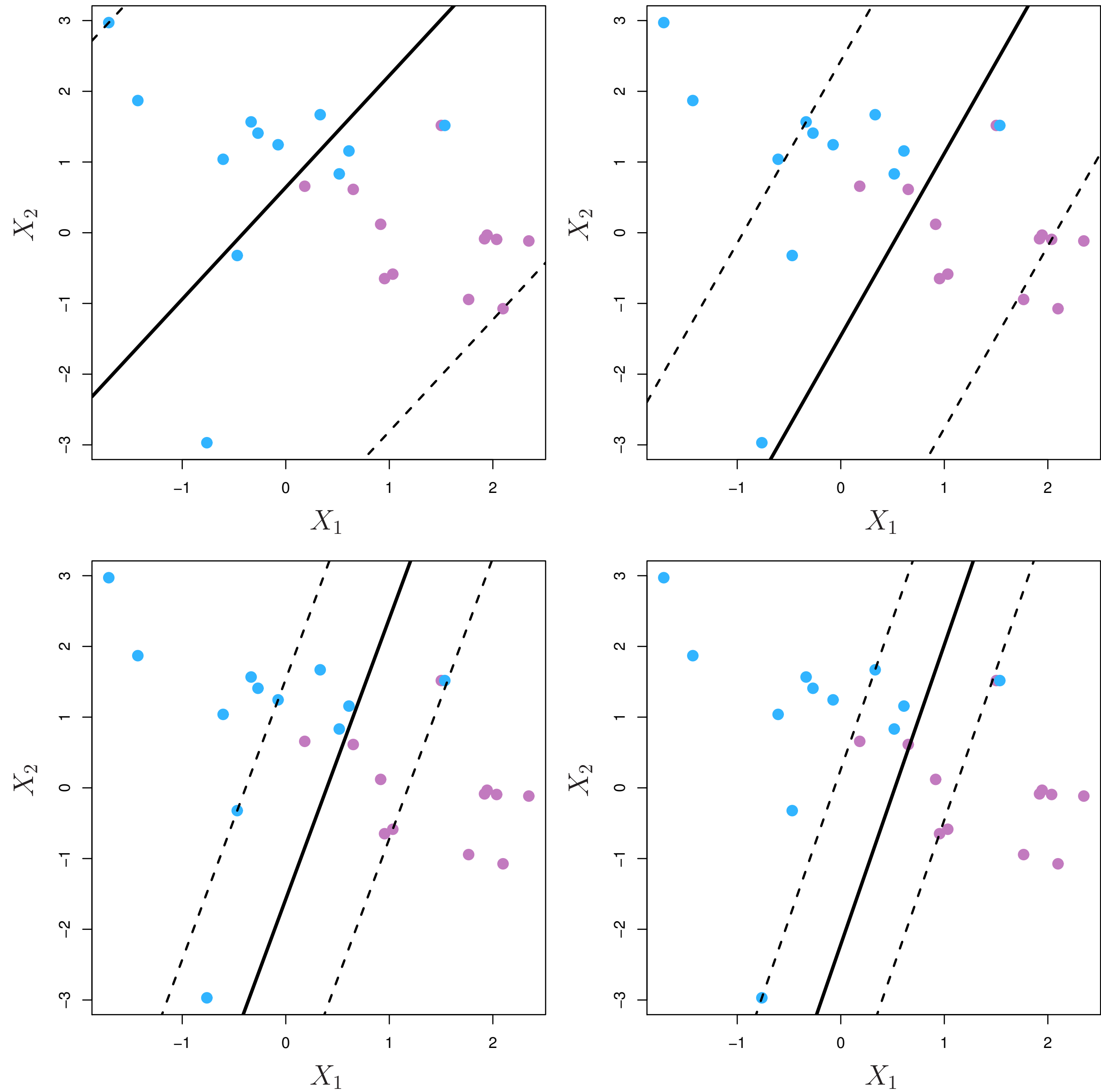


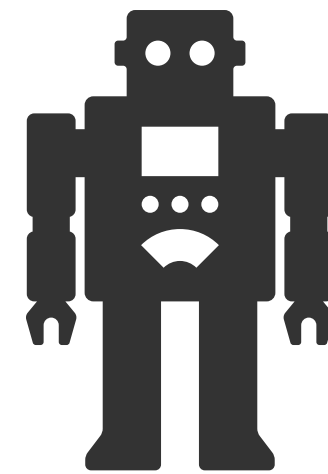
Support Vector Classifier

C: penalty on error

	Regularization	Margins	Bias/Variance
Small C	more	wider	prone to underfitting
Large C	less	narrower	prone to overfitting



Support Vector Machines



Support Vector Machine (SVM) use **Kernel Functions** to systematically find **Support Vector Classifiers** in higher dimensions