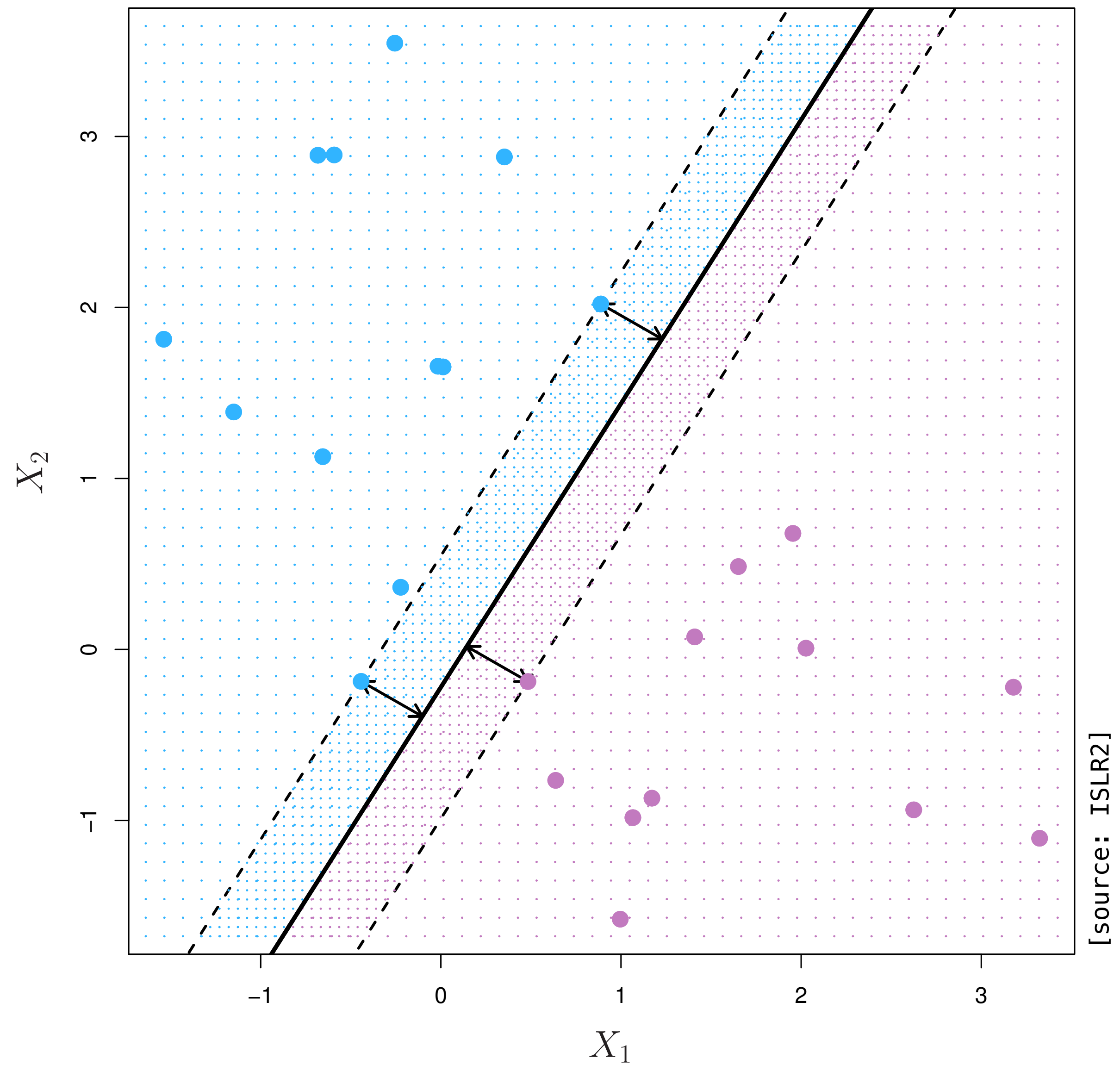


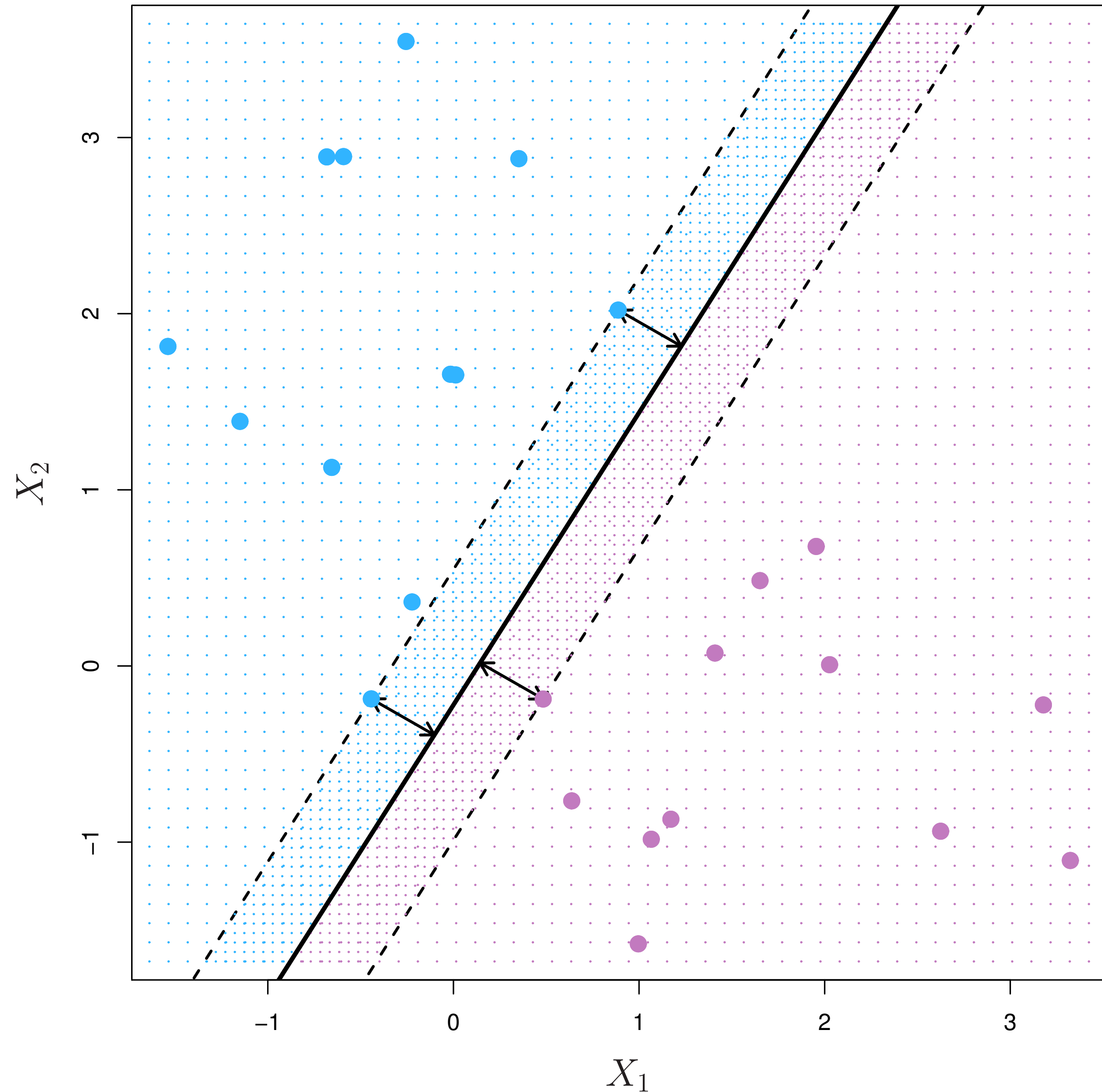
MaximalMarginClassifier

choose the one that's furthest
from the training examples





Maximal Margin Classifier

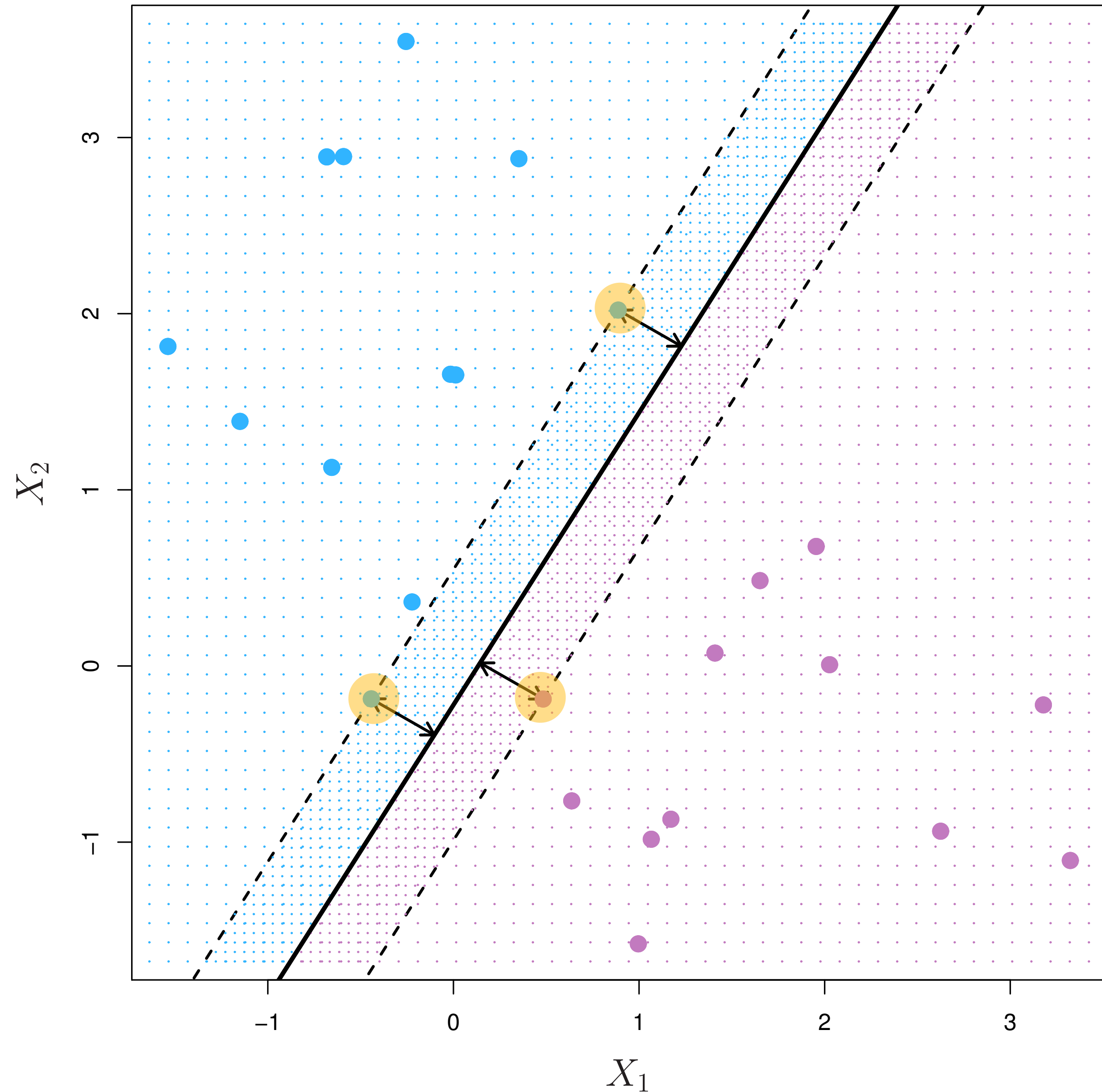


[source: ISLR2]

choose the one that's furthest
from the training examples



Maximal Margin Classifier



[source: ISLR2]

support vectors
the closest points from both classes

the margin
the distance from hyperplane to support vectors