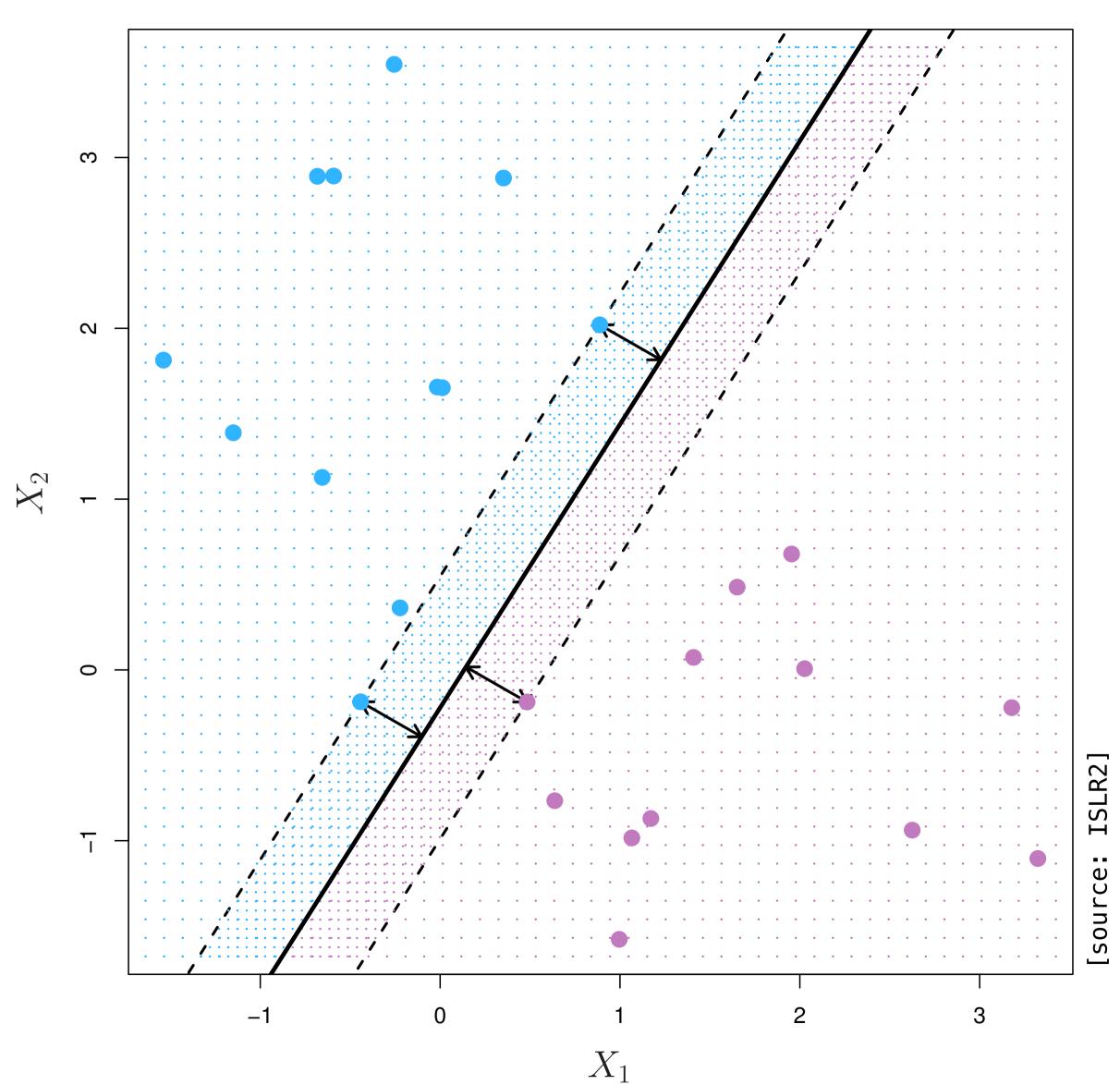
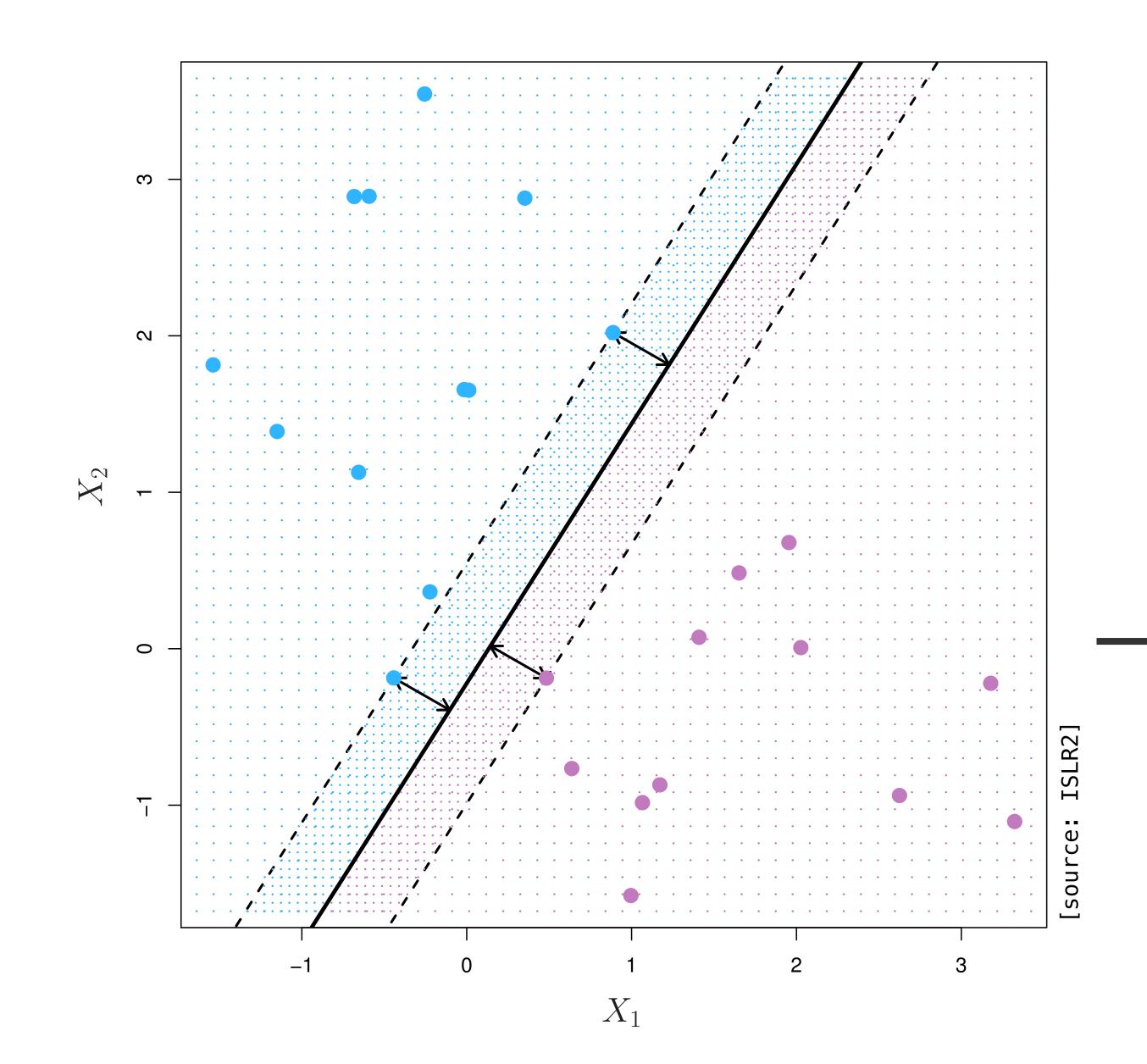
Maximal Margin Classifier

choose the one that's furthest from the training examples



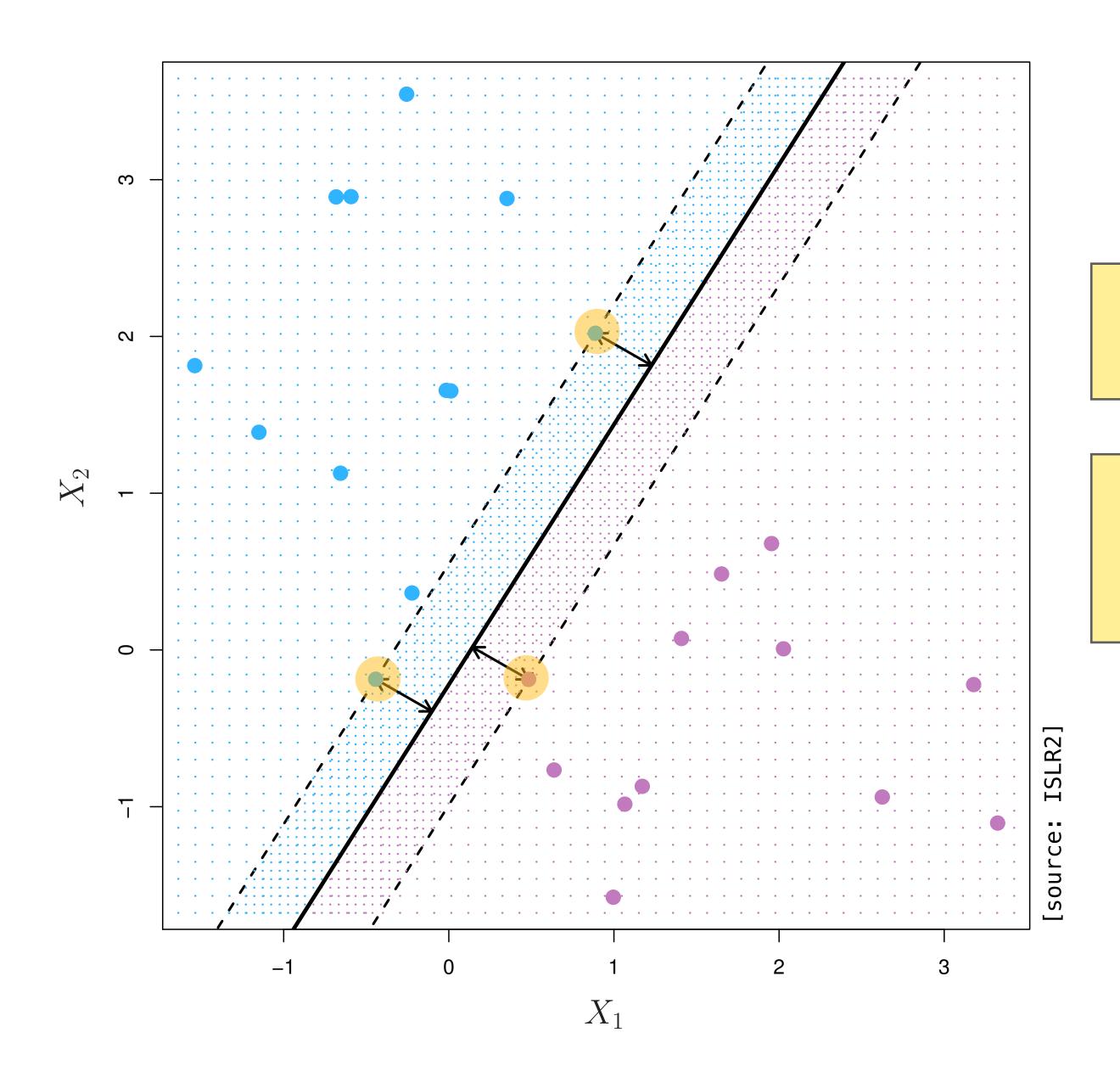


Maximal Margin Classifier



choose the one that's furthest from the training examples

Maximal Margin Classifier



support vectors

the closest points from both classes

the margin

the distance from hyperplane to support vectors