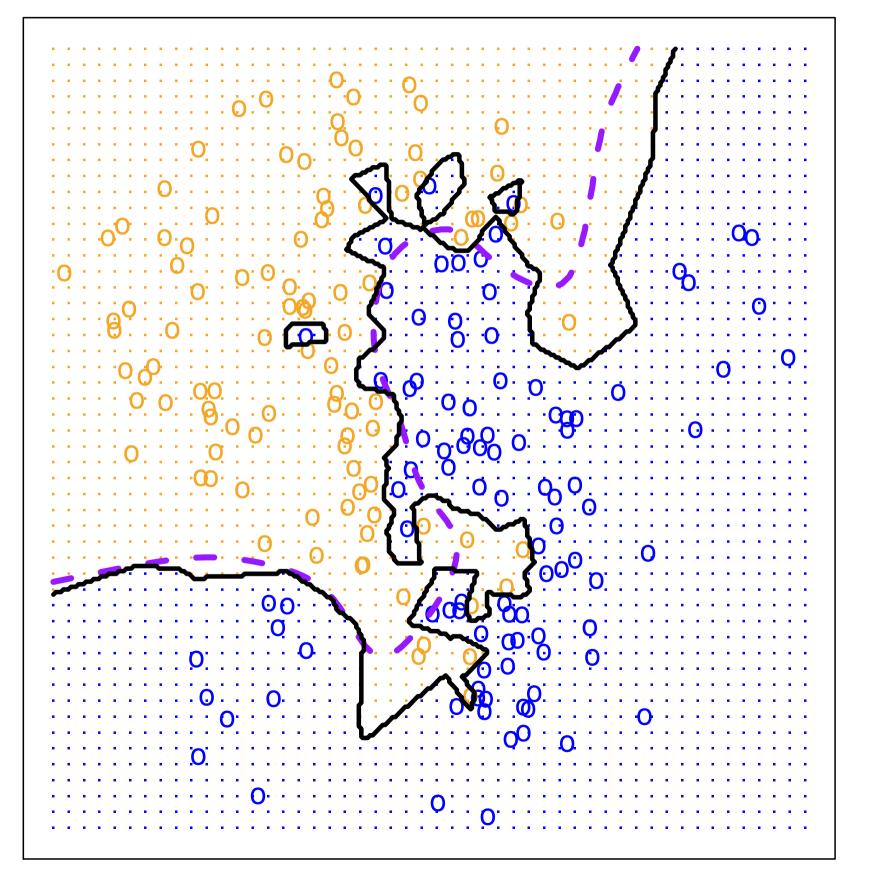
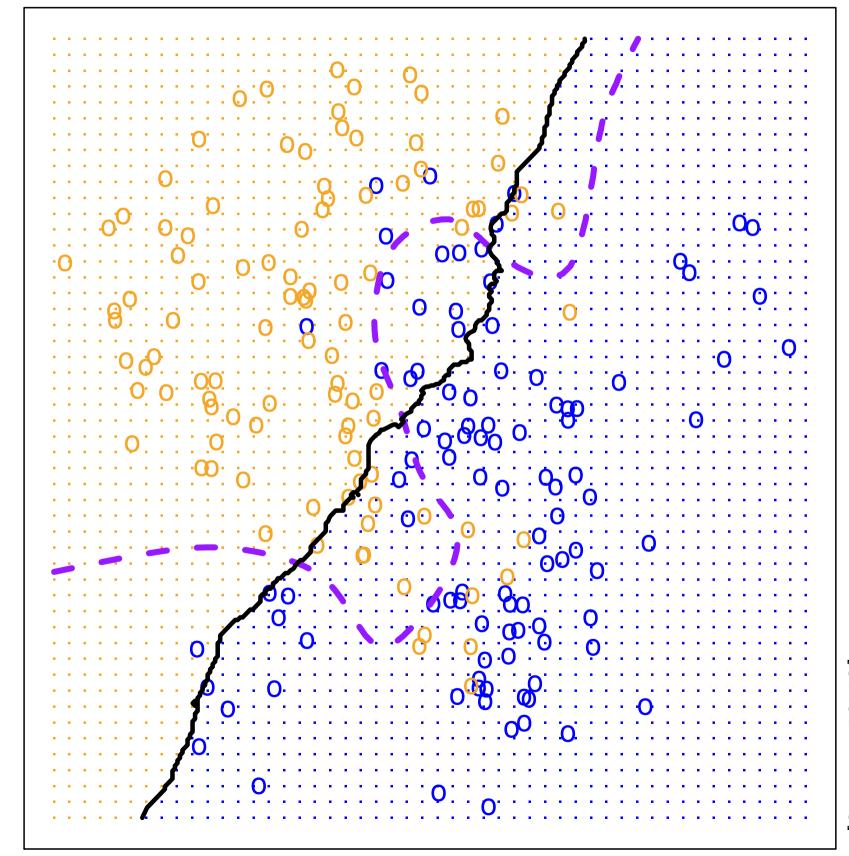
The Parameter K

ullet Smaller $K \implies$ Less smooth and more sensitive to noise (more flexible)

→ More smooth (less flexible) ullet Larger K





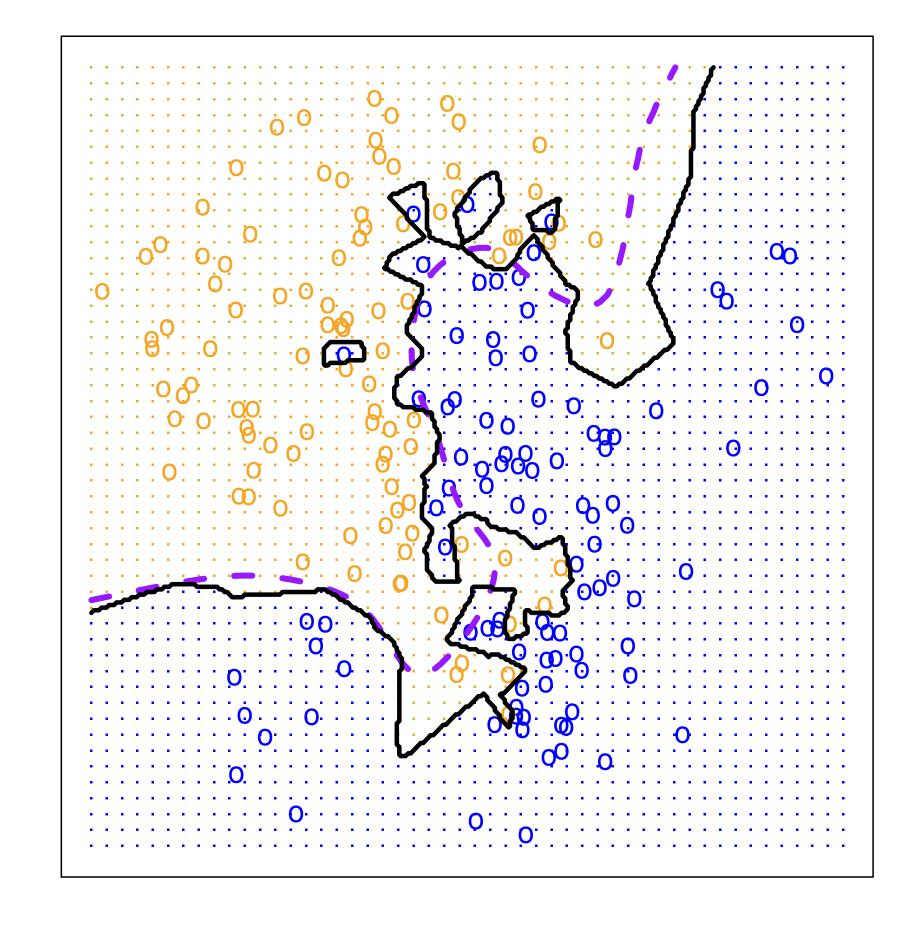
KNN: K=100

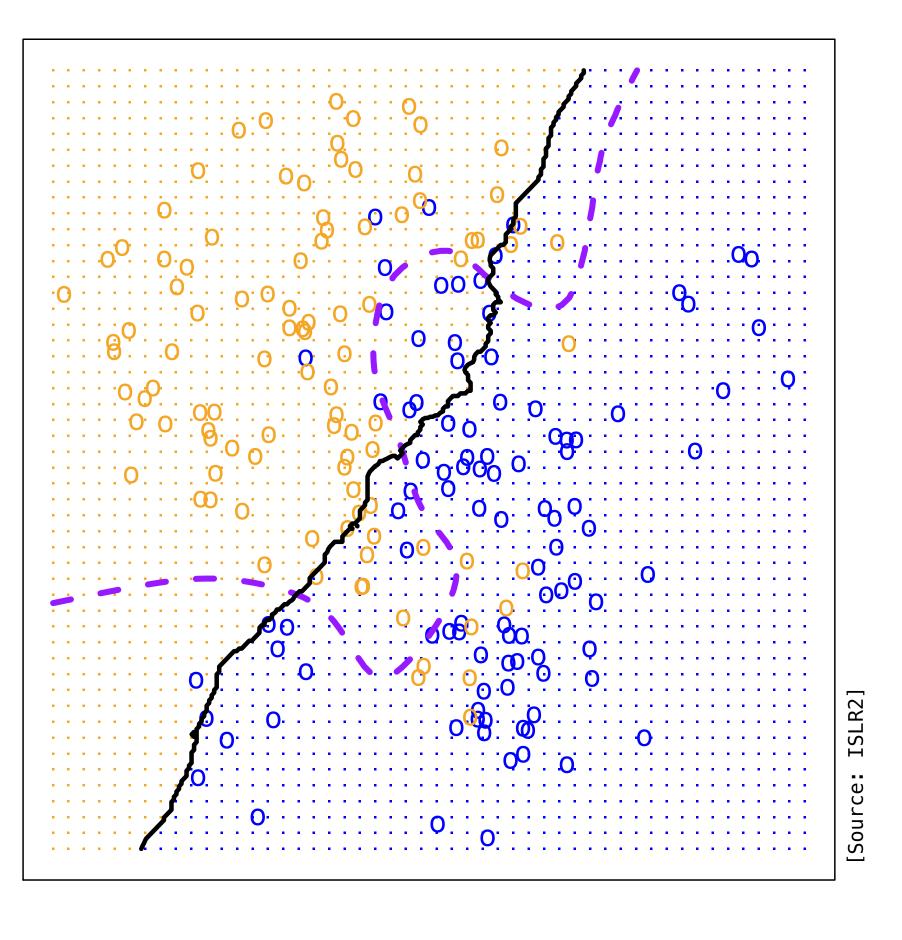
[Source: ISLR2]

The Parameter K

- Smaller $K \implies$ Less smooth and more sensitive to noise (more flexible)
- Larger $K \implies More smooth (less flexible)$

KNN: K=100





The Hyperparameter K