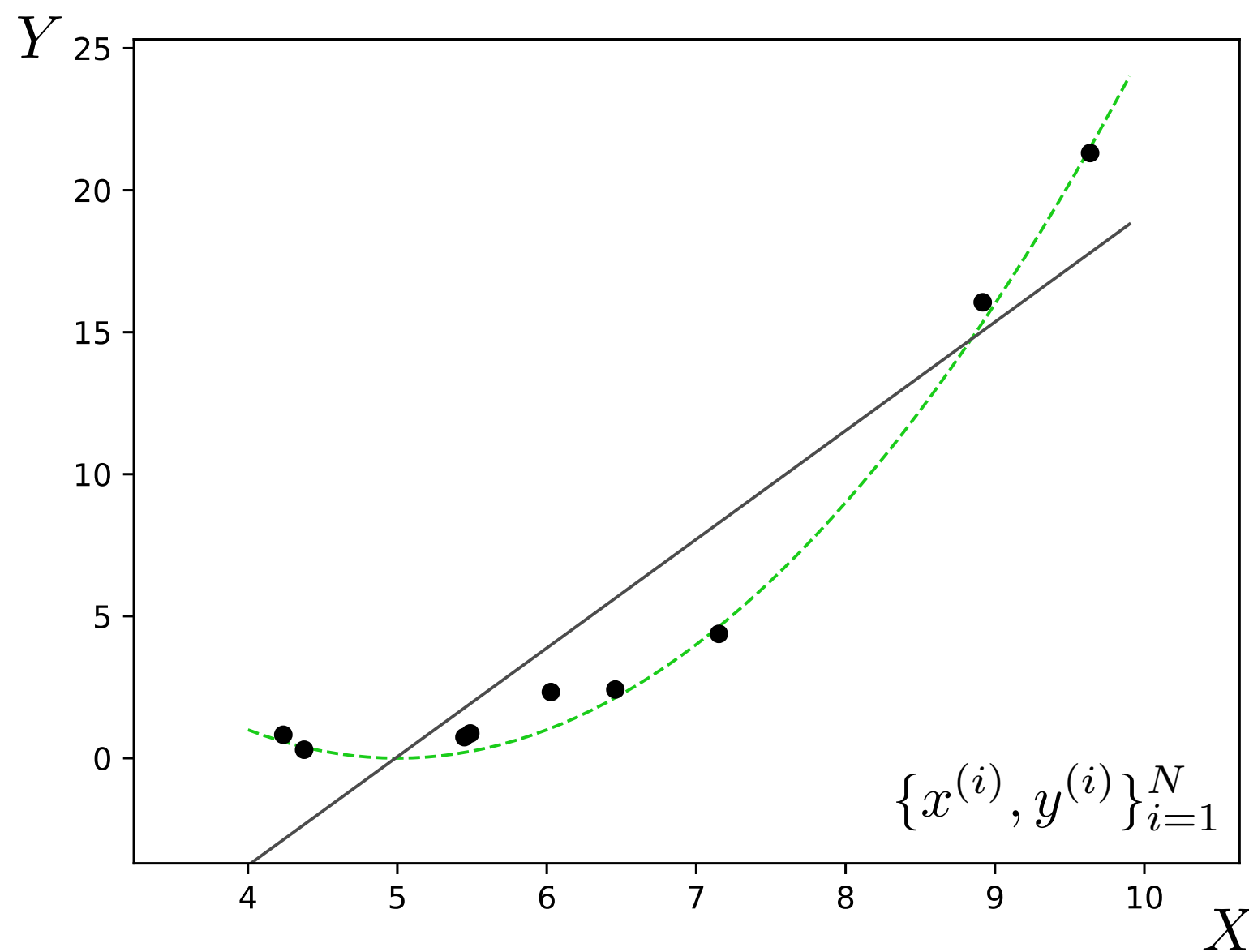


Underfitting

$$K = 1$$

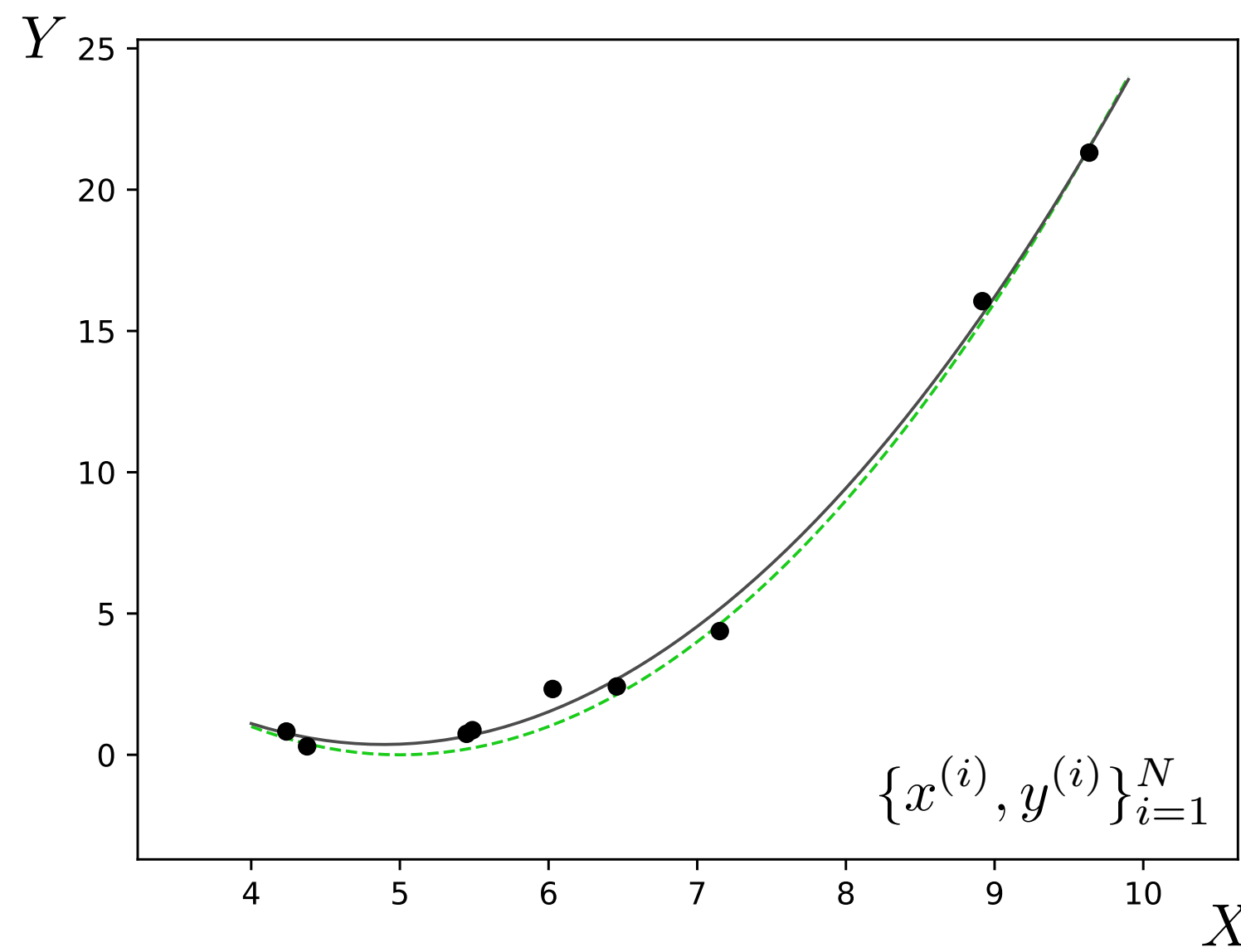


High error on train set

High error on test set

Appropriate model

$$K = 2$$

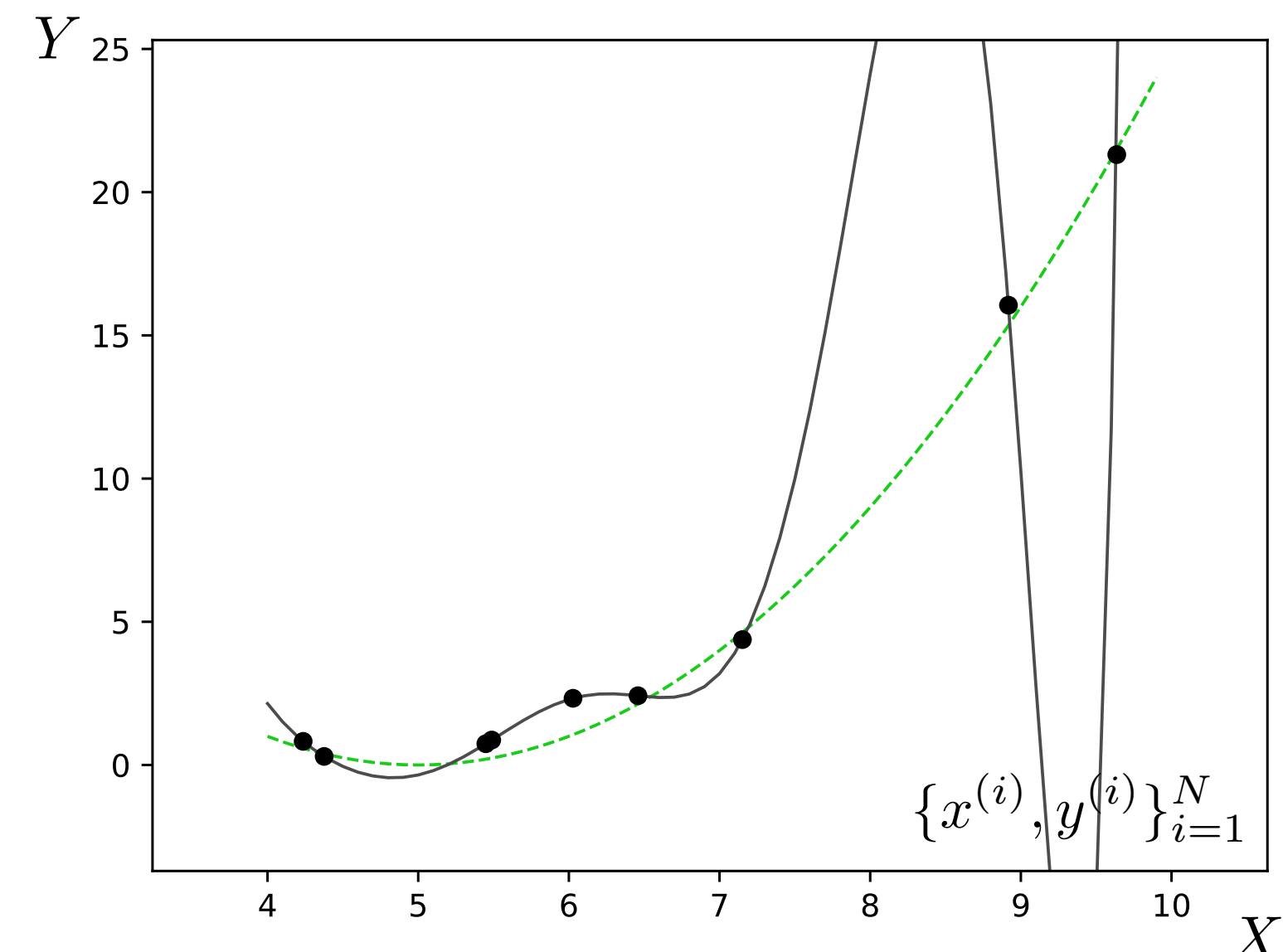


Low error on train set

Low error on test set

Overfitting

$$K = 10$$



Lowest error on train set

High error on test set