

A3

(a)

RBK Kernel best $\lambda = 1.6681\text{e-}3$, best $\gamma = 10.541635373659384$.
Polynomial Kernel best $\lambda = 1\text{e-}5$, best degree $d = 15$.

(b)

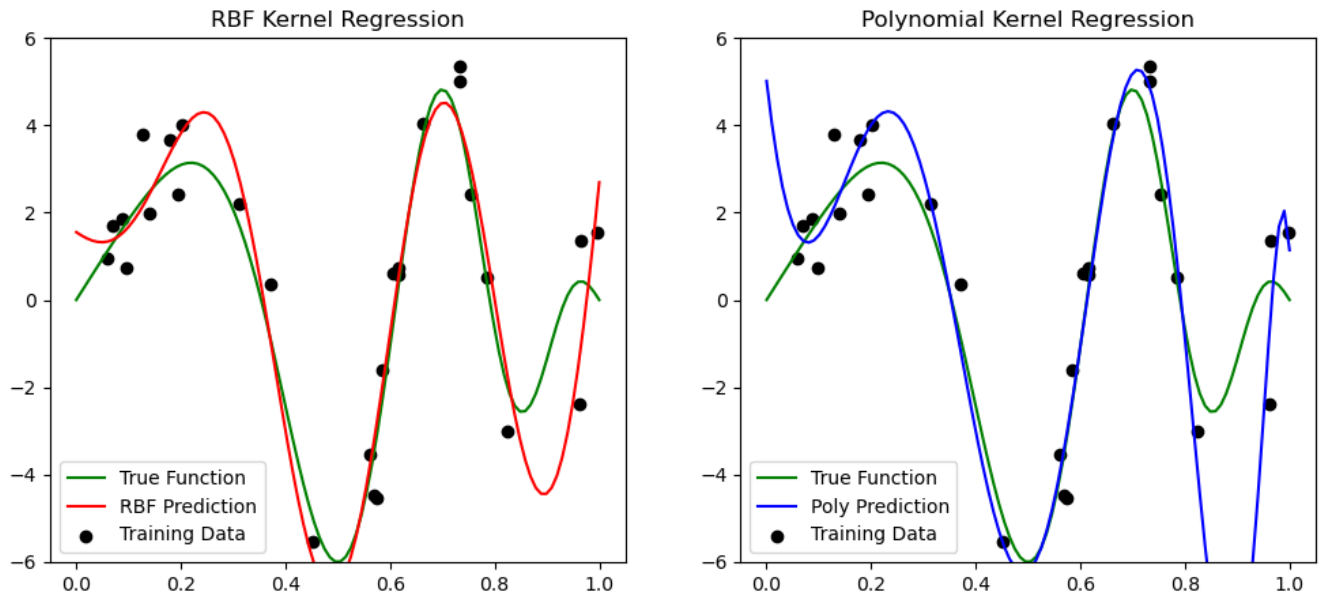


Figure 1: RBF vs. Polynomial Kernel Regression Plots