

HomeWork 3

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First, Linear Kernel was used with varying values of C . Fig. 1 shows the plot:

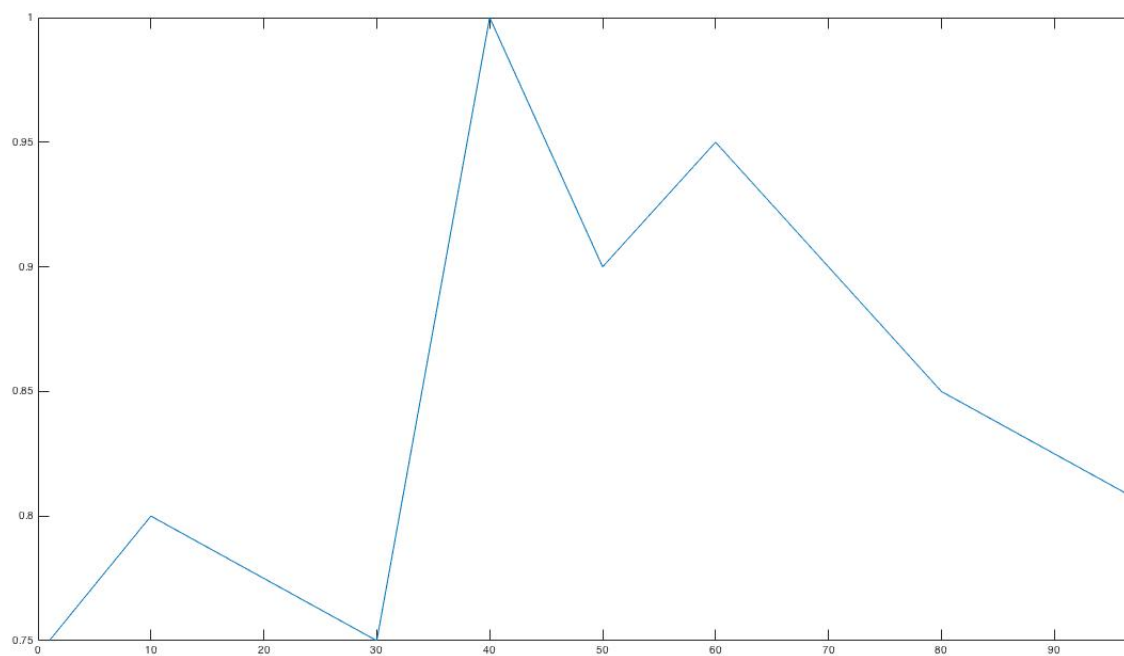


Figure 1: Linear Kernel Accuracy with varying values of C

It can be seen that accuracy increases as value of C increases.

Second, RBF Kernel was used with varying values of C . Fig 2. shows the plot:

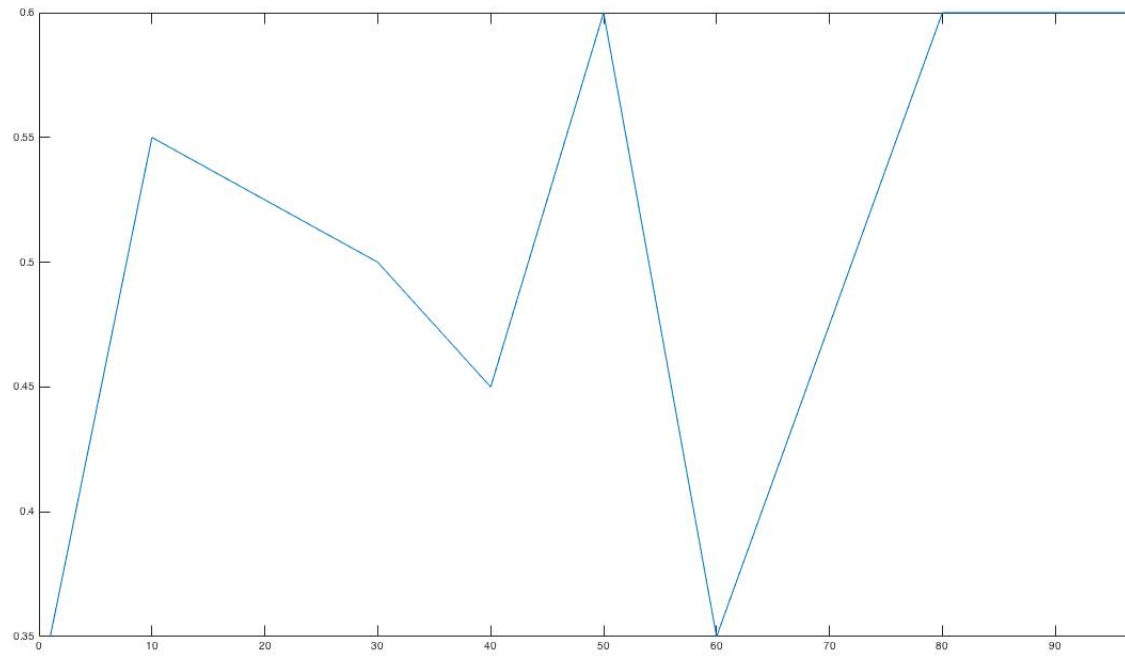


Figure 2: RBF Kernel with varying values of C

It can be seen that Accuracy values drop after C is increased beyond $C = 60$.