Extracter:

The extractor program is mainly used to convert features and labels to its binary and dict values, respectively. Extraction code also does cross validation step based on the window size we give.

I did cross validation step untill window size 19 for all 4 kernels. Graph is as following:

Predictor:

To perform the prediction, best kernel and the best window size is taken (in my case its linear kernel and window size 19) for best prediction. In the code, default window size is given as 19. If query sequence is given as input, then program outputs the predicted secondary structure.