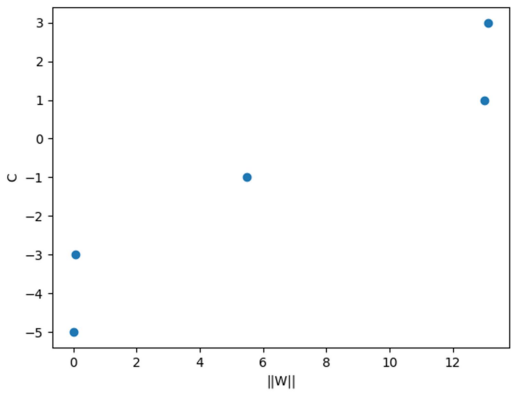
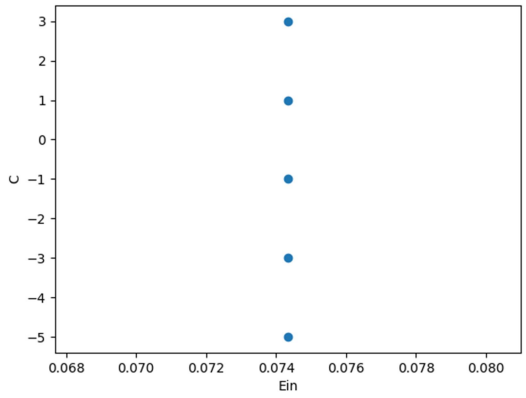
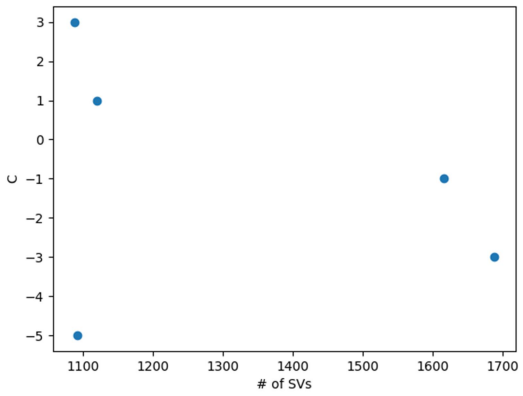
11.

	It seems that when logC increases, ||W||will also increase. During logC=-3 and logC=1, ||W|| increase sharply. However, during logC < -3 and logC > 1, ||W|| increase very slowly.

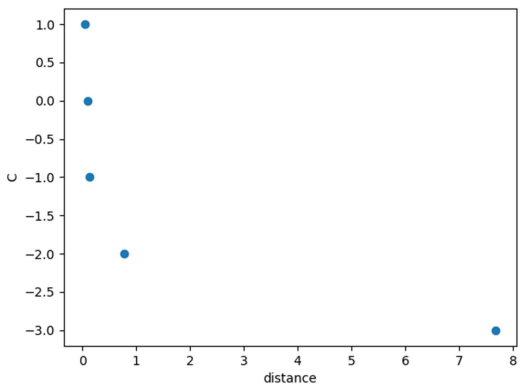
12.

	No matter what logC is, Ein almost has no changing. It seems that logC values don't affect the Ein value. This may because the result has been the optimal one.

13.

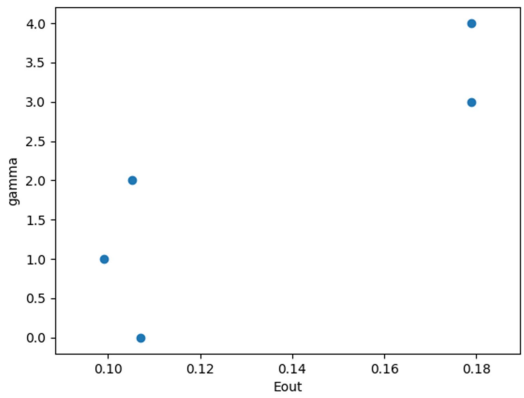
	In the picture, there is a peak at logC = -1 and logC = -3, where there are the most and the second most # of support vectors. This may because at especially logC = -3 there are the most points on or in the margin.

14.



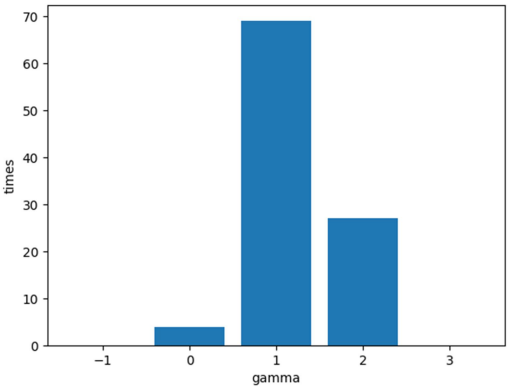
It is obvious that when logC decreases, the distance increases meanwhile. Especially when logC = -3, the distance comes to almost 8, which means the value of ||W|| is very small.

15.



In this plot, Eout is higher when logGamma = 3 and 4, while the Eout is lower than 0.12 when LogGamma < 3. Although all the Eouts are not large in fact, there still seems to have a bound between logGamma = 3. Too large gamma seems not improving the performance.

16.



It is obvious that logGamma = 1 is selected with a large amount. It seems that logGamma = 1 is a good choice according to validation.