

Homework 2

(Due 1:10pm, 5/5/2022)

Apply the **SVM classification** with **RBF kernel** for the **fish data** and perform a suitable **grid search** for the combination of **(cost, gamma)**. Find the best combination of (cost, gamma) that minimizes the true error rate by using 10-fold CV.

Send your result by email to TA (109354004@nccu.edu.tw) before the deadline with the following format:

標題: 多變量 HW2 (Student ID + Your Name)

內容: (cost, gamma) = (*, *), the true error rate = *.

Note: Try your best so that the true error rate is **less than 0.047**, the one I obtained in the lab session of class on 4/28.