**Questions assistants**

🡪 Part 1

* Why the quadratic error would be better? Choose DiagQuadr ?
* What do you observe and how do you explain the values based on the prior? Smaller error to be expected with empirical values because represents the reality ?
* Also, regarding the classification error and the class error, would you argue that one is more useful than the other? 🡺 C’est ok de dire la meme explication que partie d’avant?

🡪 Part 2

* Compare the training error to the testing error. What happened? Ca c’est bon pour moi.
* Why does the improvement on the training error not improve the testing error?
* Notice the variability of the performance between testing on set 1 or testing on set 2
* How many parameters does each classifier have? Compare these numbers to the number of training samples you are using to train the classifier. Do you think these classifiers are robust, why?

🡪 Part 3

* Same partition si N ou labels? Per class?????
* Comment faire mean et std?
* Faire un ttest pour partition?

🡪 Part 4

* Final classifier?
* How are the confusion matrix and the classification error linked? How do they differ?
* Can you find a way of modifying your classifier to give more weight to a certain class?