# Algorithm Selection

List the three classification algorithms you have chosen.

Write a brief justification for why you have chosen them.

For each algorithm, briefly describe the hyperparameters that you will explore and why. *You do not have to explore all the hyperparameters; select the ones that you think will be the most important.*

**Methodology**

Explain your training procedure, including any further subdivision of the data.

Describe how you have optimised the hyperparameters.

Explain how you chose to measure and test algorithm performance.

**Results**

Briefly summarise the results you have obtained.

You may include graphs or tables, but these must be included within the page count.

Identify and explain any notable features of the results. For example, are there any classes that are frequently confused?

**Conclusion**

Analyse and explain your results, noting, for example, any particular sensitivity or insensitivity of an algorithm to the values of a particular hyperparameter.

Suggest why you think your best performing algorithm was superior to your other choices.