**Assignment Submission**

You will find the submission box for the R Software Statistical Analysis Exercise within this folder.  Please ensure you upload your work by the submission deadline of **12noon Friday 6th November 2020 (week 7).**  Please title your submission with your exam number to ensure anonymous marking.

**Assessment Criteria**

*For this assignment, you will be provided with a dataset and information that will help you to understand the scientific questions that might be interesting to ask with the dataset. You will be asked to develop statistical approaches to answer some questions and to provide numerical answers that represent the result of different statistical analyses. You will be required to submit well-organised and commented code as the end of your report. You will also be asked to interpret numerical answers in plain language.*

*Your report will be assessed on the following criteria:*

**Quality of statistical programming and code (20%):**

* Is the code well-commented, such that it is easy to understand what it is meant to do?
* Is it free from errors or bugs?
* Is it presented in an easy to understand manner and not too messy?

**Numerical answers and figures related to statistical analyses (40%):**

* Did you get the right answer to the questions? For example, if you are asked to rank models based on their AIC scores, did you obtain the correct ranking and are the AIC values correct?
* Are your figures intelligible and appealing? Do they relate well to the questions asked and the results you are intending to communicate?

**Scientific reasoning and understanding of results (40%):**

* Do you demonstrate comprehension of the numerical output of statistical analyses in the R Statistical Software?
* Are you able to communicate these results in plain, non-technical language?
* Do you show creative thinking about the data and analyses?