Assignment 3 Feedback: Xiang Li

Exercise 1

- Very good job!

Exercise 2

- Q1: Only the variables `species` and `body_mass` were asked to be checked for NAs.
- Q3: To apply the `optim()` function with the default method, you first need to do reparameterization inside the negative log-lik function, i.e. `sigma1 = exp(theta[2])` and similarly for sigma2 and sigma3.
- Q5: We are looking for the solution with the highest log-likelihood.
- Good job on the rest of the exercise!

Overall

- Nice structuring of the file.
- Instead of commenting out inside the code chunks what the questions ask, it would be preferable if you described outside of the chunks what you are doing each time. For example, in Question 1.2 instead of `# Compute the (joint) frequency distribution`, you could write outside of the code chunk `"With the following lines of code, the (joint) frequency distribution is computed."`

Feedback by: Vicky