

Module 9 Homework

At the end of this week, you should submit a progress report on your final project.

The progress report should be submitted as a .pdf document and an accompanying .R script file that addresses the following:

- **Question 1 - Simulation Study**

1. Submit R code to complete part 1(a). This will help you verify you know how to complete the coding part of this section, and allow us check you are on the right path.
2. A tentative written answer for part 1(a).

- **Question 2 - Data Analysis**

For each part, a translation of the questions of interest into inferential questions about parameters in a statistical model and a description of the method(s) you will use to answer the questions of interest. You do not need to have completed any of the analysis.