Chapter 22: Application of Bayesian Statistics

Open the Student Grades.csv file. This contains before and after intervention test scores for the same group of students. Conduct a classical paired sample *t* test to assess if there is a significant difference in the mean scores before and after intervention. Then use the test's Bayesian equivalent.

What are the null and alternative hypotheses?

What are the results of the *t* and Bayesian tests?

What is your interpretation of the results?