General Instruction

- Allowed submission file type: PDF only

- I recommend that you type your answers to questions by using a word processor (Microsoft word, LibreOffice writer, LaTeX, etc.).

- If you would write your answers to questions on papers, then you can scan them by using a scanner (Not phone/tablet/laptop camera) and convert to a single PDF file (Not separate image files). Please use a pen and make it legible.

- Submit your work in the Dropbox folder via BeachBoard (Not email or in class).

1. (15 points) Exercise 4.9.2, 4.9.3, and 4.9.4.

2. (10 points) Consider the true branch outcomes: `T, NT, T, T, NT, T, T, T, NT, T`. (Assume `NT` is the initial value of predictors)

   (a) (5 points) What is the accuracy of the one-bit predictor?

   (b) (5 points) What is the accuracy of the two-bit predictor?