DATS 7860 Statistical and Machine Learning for Big Data Homework 5 (Chapter 7)

Problems below are all from Exercises 7.9 of Chapter 7 of the textbook (ISL):

- **1. Problem 2 (Page 322).** Here you can briefly describe the shape of g in each scenario, and you don't have to draw the curves of g (but you can do that if you want to).
- 2. Problem 5 (Page 323). Please briefly explain your answers.
- 3. Problem 9 (Page 324).
- Please submit your complete R codes for this problem.
- 4. Problem 10 (Page 324).
- Please submit your complete R codes for this problem.