

STATG006: Exercise Sheet #7

The exercises in this sheet focus on nonlinear regression. As in the previous sheet, some of the questions are from James et al., “An Introduction to Statistical Learning” (ISLR).

1. Exercise 1 of Chapter 7, ISLR.
2. Exercise 2 of Chapter 7, ISLR.
3. Exercise 3 of Chapter 7, ISLR.
4. Exercise 4 of Chapter 7, ISLR.
5. Exercise 5 of Chapter 7, ISLR.
6. (COMPUTER IMPLEMENTATION) Exercise 6 of Chapter 7, ISLR (ignore the ANOVA question).
7. (COMPUTER IMPLEMENTATION) Exercise 9 of Chapter 7, ISLR.
8. (COMPUTER IMPLEMENTATION) Exercise 10 of Chapter 7, ISLR.
9. (COMPUTER IMPLEMENTATION) Exercise 11 of Chapter 7, ISLR.
10. (COMPUTER IMPLEMENTATION) Exercise 12 of Chapter 7, ISLR.