

CMSE 381

Spring Semester 2023

1. 2.4.7
2. 3.7.4
3. 3.7.10 - Requires the carseats data set, included on D2L
4. 4.8.6
5. 4.8.9
6. 4.8.12
7. 5.4.5
8. 5.4.8 . Along with the problems listed in the textbook, do the following. Repeat part (c) using k -fold CV for $k = 5, 10, 15, 20$. Plot your results for error vs degree for all these plus the LOOCV version. What do you notice?

Important Reminders

- I strongly encourage collaboration. In the case that you work with others in the class, please include an acknowledgement section in your homework, mentioning people and resources you used in completing the assignment. While utilizing resources such as the internet and the textbook are encouraged, direct copy-paste is not. You should always be able to explain any of your solutions to me after the fact.