

1. Exercise 3.40 in the text.
2. Exercise 3.42 in the text.
3. Exercise 3.50 in the text. Additionally, do part (c) Find $P(Y = 3|X = 4)$
4. Exercise 4.44 in the text. Also, find the correlation.
5. Exercise 4.46 in the text. Also, find the correlation.
6. Exercise 4.70 in the text.