

MS Module 15: Linear and logistic regression models – homework assignment

(The attached PDF file has better formatting.)

Homework assignment:

Solve end of chapter problem 11 (a), (b), and (c) on page 611 (1st ed) / page 624 (2nd ed), showing all work. The numerical answers are in the appendix to the textbook; for the homework assignment, show how the answer is derived.

- Part (a), the expected change in reaction time, uses β_1 .
- Part (b), the expected reaction time, uses the x value, β_0 , and β_1 .
- Part (c) asks for a probability and uses σ (in addition to the x value, β_0 , and β_1).