

MS Module 11: Single-Factor ANOVA – homework assignment

(The attached PDF file has better formatting.)

Homework assignment:

Solve one of the following end of chapter problems, showing all work. The numerical answers are in the appendix to the textbook; for the homework assignment, show how the answer is derived.

- ! problem 5 on page 551 (1st ed) / page 564 (2nd ed).
- ! problem 5 on page 651 (3rd ed).

The problems are different, but they have the same format. To solve the problem:

- ! Derive the ANOVA table.
- ! Compute the F value.
- ! Test this value at the 1% significance level.