

MS Module 12: Expected values and β 's for ANOVA + unequal sample sizes – homework assignment

(The attached PDF file has better formatting.)

Homework assignment:

Solve either 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 23 on page 568 (1st ed) / page 581 (2nd ed).
 - The data are in Problem 22; Problem 23 asks for Tukey's honestly statistical differences.
 - Explain in your solution the modification for unequal sample sizes.
- Problem 27 (a) and (c) on page 569 (1st ed) / page 582 (2nd ed).
 - Part (a): use an ANOVA table for four brands with unequal sample sizes.
 - Part (b): use Tukey's honestly statistical differences.