

MS Module 3 Confidence intervals, t distributions, and variances – 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 37, parts a and b, on page 400 (1st ed) / page 408 (2nd ed), or problem 27, parts a and b, on page 472 (3rd ed)

! problem 25, parts a and b, on page 472 (3rd ed)

Final exam problems often ask for the upper bound or lower bound of a confidence interval or a prediction interval.