

MATH 119 HW #4: CHAPTER 7

SPRING 2013 – 4TH EDITION OF TRIOLA'S ESSENTIALS

Write your name and class time and clearly separate sections! See syllabus.

Show work where appropriate, and use “good form and procedure,” as in class!

This is due when you take Quiz 4.

Graded out of 10 points.

“*” denotes “See Hint/Comment below.”

Do not leave “+” or “–” in your final confidence intervals. Avoid rounding (or at least round off to four decimal places or four significant digits, whichever is more detailed) until you write the simplified margin of error or your final answer. Then, round off to the same number of decimal places as \bar{x} , s , or s^2 , as appropriate.

SKIP SECTION 7-2 FOR NOW; GO AHEAD TO ...

Section 7-3: #1, 2, 5-15 odd, 17-20 all, 21, 23, 25, 31, 33, 35

Look at: #37, 38: We'd use Finite Population Correction Factors when $n > 0.05N$ (i.e., when n is more than 5% of N).

Section 7-4: #1, 5-21 odd*, 36 (part a only)

Note on #17, 19, 21: Use the closest #df on the table. On the exam, the required #df will be on the table.

NOW, GO BACK TO ...

Section 7-2: #1, 5-29 odd, 33, 37, 41, 43, 54

Look at: #32, 34, 36, 38, 49 (on Finite Population Correction Factors), and 50 (on One-Sided CIs).

NOW, JUMP AHEAD TO ...

Section 7-5: #1, 5-15 odd, 19

Look at: #27: Going beyond Table A-4; the χ^2 distributions look more and more normal as the number of degrees of freedom increases.