

Assignment 6

STP 427, Spring 2009, S. Lohr

Due on Thursday, April 9, 2009

Make sure you show all your work on all problems; no credit will be given for just the answer.

Exam 2 will be on April 16, 2009

1. Read Chapter 10 of the text.
2. Do problems 12, 16, 17 (hint for c: first express the percentile as a function of  $\eta$ ), 20(g), 29 (hint for d: let  $Y_i = X_i/\theta$  and show that  $\bar{X}/\tilde{X} = \bar{Y}/\tilde{Y}$ ) on pp. 353-357.

Suggested additional problems (DO NOT HAND IN): problems 19, 20 (other parts), 22, 23, 25, 31 on pp. 353-357.