

MA 486/586-1G (Statistics), Dr. Chernov  
Due Mon, Apr 23

Assignment #12

7th edition: 8.11-6, 8.11-10\*, 8.10-4\* (note: the Cauchy distribution function is  $F(x) = \frac{1}{2} + \frac{1}{\pi} \tan^{-1} x$ , see page 173), 8.10-6\*.

6th edition: 8.12-6, 8.12-10\*, 8.10-4\* (note: the Cauchy distribution function is  $F(x) = \frac{1}{2} + \frac{1}{\pi} \tan^{-1} x$ , see pages 206–207), 8.10-6\*.

The starred problems are for extra credit. Each problem is graded on the base of “4 points max”.