

MA 486-4A (Statistics), Dr. Chernov  
Due Tue, Apr 19

Assignment #10

Chapter 8: problems 8.9-4, 8.9-8a (note a misprint: read  $H_1 : m_X - m_Y < 0$  instead of  $H_0 : \dots$ ), 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”.