

# STAT 406-01: Mathematical Statistics II

## Problem Set 7

Assigned 2016 March 17

Due 2016 March 29

**Show your work on all problems!** Be sure to give credit to any collaborators, or outside sources used in solving the problems. Note that if using an outside source to do a calculation, you should use it as a reference for the method, and actually carry out the calculation yourself; it's not sufficient to quote the results of a calculation contained in an outside source.

**1 Hogg 7.1.3**

**2 Hogg 7.1.4**

**3 Hogg 7.2.4**

**4 Hogg 7.2.6**

**5 Hogg 7.3.2**

**6 Hogg 7.3.3**

**7 Hogg 7.3.6**