

# **ACTEX CAS EXAM 3 STUDY GUIDE FOR MATHEMATICAL STATISTICS**

## **Errata List, by S. Broverman Updated September 22, 2009**

Sep 22/09 Page 32, Delete the paragraph before Central Limit Theorem

Sep 22/09 Page 80, #42, lines 2 and 3 should be

$$\frac{\hat{p} - \frac{1}{6}}{\sqrt{\frac{1}{45} \cdot \frac{1}{6} \cdot \frac{5}{6}}} > 1.68 \text{ (using the } t\text{-distribution with about 40 degrees of freedom). This is equivalent}$$

to  $\hat{p} = \frac{n}{45} > .26$ , or  $n > 11.7$  .