

R-Assignment 4

Math 362, Spring 2011

- (A) Consider a Binomial experiment for $n=30$, and $p=0.05$. Use R to calculate the binomial probability for $X=3$.
- (B) Use R to calculate the Poisson approximation for $X=3$ with $\lambda = np$.
- (C) Use R to compare these two results, that is plot the ratio of the Binomial distribution by the Poisson distribution.