

Homework 8 Answers

BSTA 550

Questions

1. (a) parameters: $\sum_{i=1}^m n_i$ and p
(b) Not given
(c)

$$p(1-p) \sum_{i=1}^m n_i$$

2. (a) Exponential distribution
(b) $\lambda = 240$
(c) Not given
3. 0.252
4. First row given in homework problem
5. #3: Poisson approximation of Binomial when n is large and p is small