

Homework 9 Supplement, Statistics 200A Fall 2011

1. Let $X \sim \text{Exp}(\lambda)$. Find $\mathbb{E}[X]$ and $\mathbb{E}[X^2]$.
2. Let $X \sim \text{Po}(\lambda)$. Find $\mathbb{E}[X]$ and $\mathbb{E}[X^2]$.