

18.443. Pset 6. Due Wednesday, Nov. 1.

(1) page 470, no. 7.

(2) Suppose you are given five observations from Poisson distribution $\Pi(\lambda)$. Find the most powerful test for

$$H_0 : \lambda = 2 \quad \text{vs.} \quad H_1 : \lambda = 1$$

with level of significance $\alpha = 0.05$.

(3) page 541, no. 4.

(4) page 542, no. 9.