Homework 10: Due 4/24/2018

1. (20 points) Examples of M-estimators.
   Problem 39& 40 on page 386 of Shao (2003).

2. (20 points) Examples of L-estimators.
   Problem 34& 37 on page 386 of Shao (2003).

3. (5 points) Prove that a UMP test is unbiased.
   Problem 2 on page 454 of Shao (2003).

4. (5 points) Example of UMP tests in simply hypothesis tests.
   Problem 6 on page 455 of Shao (2003).