# Module 4 Poll Q and A

## Stat 406, W1 2020

## Last modified - 2020-11-09

1. Which of the following are TRUE about bootstrap distributions and sampling distributions? ( Multiple Choice)
    a. Bootstrap distributions are centered at the sample statistic while sampling distributions are centered at the population parameter. **TRUE**
    b. Both distributions are created by sampling with replacement from the population. **FALSE**, the bootstrap distribution is created by sampling with replacement from the sample.
    c. Both distributions get narrower as the standard deviation decreases. **TRUE**
    d. Both distributions depend on sample statistics. **TRUE**
2. Non-parametric bootstrap intervals are likely _____ because they _____ about the population ( Single Choice)
    a. narrower; ignore information
    b. narrower; use more information
    c. wider; use more information
    d. wider; ignore information **CORRECT**