Week 7 Day 2 – Bootstrap Activity

**Question 1** – Why do we resample *with replacement* when creating a bootstrap distribution?

**Question 2** – When we resample with replacement from our original sample what are we assuming about our sample?

**Question 3** – What does one dot / point on a bootstrap distribution represent?

**Question 4** – The confidence interval from the video was (0.00355, 0.00454). What did we hope was captured inside this interval?

**Question 5** – How do you interpret the interval of (0.0035, 0.00454( found in the video?

**Question 6** – Your interpretation should have included the phrase “I am 95% confident,” but what does it mean to be 95% confident?