<u>**Lab 3:** How to Make an</u>
Ogive with StatCrunch 5.0   **Name:** ⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯

Directions:

1. Make an ogive with StatCrunch 5.0.

2. Answer the questions on this paper, using the Ogive you construct.

3. Turn this question paper in along with a copy of your ogive ***printed*** on separate paper. Check the course calendar for the due date. If you expect to get credit for making the graph, then your graph's title will say "Systolic Numbers Ogive by [insert your name]." There will be no exceptions.

4. Use the information along with the data and links on this webpage timbusken.com/lab-OGIVE.html to help you complete the lab. Your ogive should correspond to the "systolic numbers" variable from this data set timbusken.com/assets/math-160/Databank.xlsx

Lab Questions

1. (5 points) What percentile does the systolic number measuring 120 correspond to?

                                                    1. ⎯⎯⎯⎯⎯⎯⎯

2. (5 points) What percentile does the systolic number measuring 131 correspond to?

                                                    2. ⎯⎯⎯⎯⎯⎯⎯

3. (5 points) What systolic number corresponds to the 70th percentile?

                                                    3. ⎯⎯⎯⎯⎯⎯⎯

4. (5 points) What systolic number corresponds to the 85th percentile?

                                                    4. ⎯⎯⎯⎯⎯⎯⎯