

HW1

- 1. (2 points)** Consider our paper airplane experiment as a pilot study. Now list sources of variation (from class-to-class, or EU-to-EU) that could impact differences in recorded distances. For full credit, include at least 4 sources of variation.
- 2. (2 points)** Based on your expertise as a paper airplane maker / thrower. What do you think would be a meaningful difference in distance between two types of paper airplanes? Why?
- 3. (2 points)** Given the dataset from Lab 4 (and visualization) along with your answer the Q2. Do you think you have sufficient sample size to detect the meaningful difference you specified in Q2? Why or why not.
- 4. (1 points)** Give what you know now, how would you propose analyzing the data from the airplane experiment?