

Objective of Lab 6: Use SAS to conduct one-way ANOVA analysis.

In this lab, we will analyze the donut example dataset using SAS code **donut.sas**.

1. Construct a side-by-side scatter plot to describe the differences between treatment groups.
2. Run the SAS code **donut.sas**. From the SAS output, find the full ANOVA table and analysis of the different types of cooking oil on the oil absorbed. Do the F-test for the equality of the four means. Give your null and alternative hypotheses, test statistic, p-value, decision and conclusion.