**Statistical Design Consulting**

**SEMESTER REPORT**

**Fall 2024**

**Client:** Barbara Young  **File Number:** 24-107

**Department:** Art & Design **Major Prof:**

**Consultant:** Sumeeth Guda **Initial Meeting Date:** 10/22/24

**Meeting Attendees:** Barbara Young, Sumeeth Guda, Dr. Chong Gu

**Statement of Problem:**

How do student perceptions of engagement in the built prototype compare to perceptions of engagement in the two unique rooms of a previous study?

**Goal of This Project:** Journal article

**Background:**

The client is a faculty member in the Arts & Design department. They are conducting a follow-up study to assess a classroom design using feedback obtained from interviews, observations, and a survey. The specific tools were utilized in a previous study to develop the prototype classroom (comparing interactions and perceptions of the same subjects in two unique spaces). The client’s goal is to assess the success of the prototype design by comparing perceptions and behavior in the prototype classroom to the original rooms. The design variables from the original study included: ease of movement, single presentation location, ease of eye contact between students & instructors and students to other students. The change with the prototype classroom was to explore the support of short lectures and collaborative group work. Although this is a follow-up study to a study of last spring, the client came to the SCS because she does not know how to compare the data from the previous study to the data collected during this semester’s study (i.e., different students).

**Progress During Current Semester:**

The only progress this project had this semester was that the client had to collect more data from the students for the survey results. The model was determined in the IM meeting to analyze for the collected data, however before analysis could be done, ultimately more data needed to be collected on the client’s end.

The client told the consultant that she would finish collecting data in the spring semester and that the agreed upon analysis methods could be used to validate that the differences in the classroom design layouts have an effect on the engagement of the students.

**Current Status: Continuing.**