

Before we begin, please read the following consent form carefully and thereafter complete the section below.

Goal: The purpose of this study is to explore how experts evaluate and compare different pivot tables and sets of pivot tables. The study aims to gather feedback to inform the development of improved tools for data exploration and decision-making.

Procedure: If you agree to participate, you will be asked to complete a series of tasks involving the evaluation of individual pivot tables and sets of pivot tables. You may also be asked to compare different system versions, including ablated models and competing methods. For each task, you will provide your preferences and reasoning, and you may provide written feedback about your experience. After completing the study, you will receive a short debriefing.

Duration: The estimated completion time for the experiment is approximately 30 minutes.

Privacy: Your participation is voluntary and anonymous. No identifying information will be collected, and your responses will not be linked to you personally.

Record Keeping: All data will be stored securely on password-protected systems accessible only to the Principal Investigator (PI). Data will be de-identified before analysis, and results will be reported only in aggregate form. No individual responses will be shared outside the research team. Data collected in this research study will not be used in future research studies.

Voluntary Participation and Withdrawal: Participation is completely voluntary. You may decline to participate or withdraw from the study at any time without penalty or loss of benefits.

Risks and Benefits: The study involves minimal risk, limited to possible inconvenience, mild fatigue, or frustration during the tasks. There are no medical or psychological risks. While there are no direct personal benefits, your participation may help advance research on data analysis methods and improve tools for data exploration.

Contact Information: If you have questions about the research, your rights as a participant, or wish to withdraw from the study, please contact the Principal Investigator, Whanhee Cho, at whanhee.cho@utah.edu.

By reading this consent form, you acknowledge that you have been informed about the study, your questions (if any) have been answered to your satisfaction, and your participation is voluntary. You may retain a copy of this consent agreement for your records.