Investigation of human trust change toward an automated decision aid in success and failure scenarios.
HUM00226374

Principal Investigator: Jinyong Kim[1], Ph.D. Student
Co-investigator: Szu-Tung Chen[1], Master's Student
Faculty Advisor: Xi Jessie Yang[1], Associate Professor
[1]Department of Industrial and Operations Engineering

You are invited to participate in a research study to investigate human trust change toward an automated decision aid in success and failure scenarios.

If you agree to be part of the research study, this study is to be conducted via Qualtrics. Your demographic information will be taken before the study. In each trial, you will be presented with two images of multiple cubes connected into blocks. The image on the left is the "reference" image. Your task is to determine whether the image on the right can be an identical shape (rotation, same shape), or not (not able to be rotated into the reference). You will be expected to complete 29 - 60 trials. After the trials, you will answer some questionnaires regarding your perceived workloads and performance. The study will take approximately 10-20 minutes. Once you have filled out the demographic survey, completed all of the scenarios, and finish the post-experiment survey, your participation in the study will be over.

Benefits of the research: You may not receive any personal benefits from being in this study. However, others may benefit from the knowledge gained from this study

Risks and discomforts: This study poses no more than minimal risk.
Because this study collects information about you, one of the risks of this research is a loss of confidentiality. See Section 8 of this document for more information on how the study team will protect your confidentiality and privacy.

Compensation: You will be paid $3-6 upon completion of the study.

Participating in this study is completely voluntary. Even if you decide to participate now, you may change your mind and stop at any time. You may choose not to answer any questions you do not want to answer or withdraw from the study for any reason.

Since you are enrolling in this research study through the Amazon Mechanical Turk (MTurk) site, we need to let you know that information gathered through Amazon MTurk is not completely anonymous. Any work performed on Amazon MTurk can potentially be linked to information about you on your Amazon public profile page, depending on the settings you have for your Amazon profile. Any linking of data by MTurk to your ID is outside of the control of the researcher for this study. We will not be accessing any identifiable information about you that you may have put on your Amazon public profile page. We will store your MTurk worker ID separately from the other information you provide to us. Amazon Mechanical Turk has privacy policies of its own outlined for you in Amazon's privacy agreement. If you have concerns about how your information will be used by Amazon, you should consult them directly.

Information collected in this project may be shared with other researchers, but we will not share any information that could identify you.

If you have questions about this research study, please contact Jinyong Kim (kjinyong@umich.edu) or Xi Jessie Yang (xijyang@umich.edu)

As part of their review, the University of Michigan Institutional Review Board Health Sciences and Behavioral Sciences has determined that this study is no more than minimal risk and exempt from on-going IRB oversight.