

Georgia Institute of Technology
Research Participant Information and Consent Form

Title of the Study: Information Cascade with Large Language Model Interaction

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Student Researchers: Trevor Patten (phone: (919) 428-7354) (email: tpatten7@gatech.edu)

DESCRIPTION OF THE RESEARCH

You are invited to participate in a research study to understand how people's opinions may change when in online environments shared with both humans and large language models (LLMs).

The purpose of this research is to learn more about how people's opinions may change when exposed to the prior opinions of humans or LLMs, and how much people's opinions change when interacting with LLMs. This study will take place virtually.

WHAT WILL MY PARTICIPATION INVOLVE?

The research task will involve a discussion with an LLM to explore your decision in an ethical dilemma. You will answer questionnaires about your decision on an ethical dilemma and your experiences with the LLM. Lastly, you will summarize your conversation with the LLM. Please let the researchers know immediately if you have any concerns about your participation.

ARE THERE ANY RISKS TO ME?

The risks involved are no greater than those involved in daily activities. Please be advised that your written summary may be shown to other participants, so you must be careful to not share any personal information.

ARE THERE ANY BENEFITS TO ME?

We do not expect any direct benefits to you from participation in this study. However, we hope that the results of this study will help design models of how information spreads in online spaces shared by both humans and LLMs.

WILL I BE COMPENSATED FOR MY PARTICIPATION?

You will be compensated with 8 dollars for your participation in this study.

You are free to withdraw at any time of the study. However, if you do withdraw prior to the end of the study, you will not receive compensation.

U.S. Tax Law requires that a 1099-misc be issued if U.S. tax residents receive \$600 or more per calendar year. If non-U.S. tax residents receive more than \$75, mandatory 30% withholding is required. Your address and Tax I.D. may be collected for compensation purposes only. This information will be shared only with the Georgia Tech department that issues compensation, if any, for your participation.

HOW WILL MY CONFIDENTIALITY BE PROTECTED?

Several steps have been taken to protect confidentiality: 1) your name will be associated with a number that is used in the data; 2) no identifying information will be included in publications; and 3) The data itself will be stored digitally on a password encrypted hard drive behind locked doors in the Hybrid Intelligence Laboratory and hosted on a password-protected Firebase database. Data from this study may be used in future studies without identifiers, which will be approved by the Institutional Review Board.

We will comply with any applicable laws and regulations regarding confidentiality. To make sure that this research is being carried out in the proper way, the Georgia Institute of Technology IRB may review study records. The Office of Human Research Protections may also look at study records. Additional informed consent will not be sought for the data that is used in future research.

WHOM SHOULD I CONTACT IF I HAVE QUESTIONS?

You may ask any questions about the research at any time. If you have questions about the research, you should contact the Principal Investigator Dr. Mengyao Li at (608) 890-3168. You may also call the student researcher Trevor Patten at (919) 428-7354.

If you have any questions about the study or any questions about your rights as a research subject, you may contact Georgia Institute of Technology Office of Research Integrity Assurance at IRB@gatech.edu.

Continuing this survey indicates that you have read this consent form, had an opportunity to ask any questions about your participation in this research, and voluntarily consent to participate. You will be able to download a copy of this consent form for your records.