Carnegie Mellon University

Consent

This study is part of a research study conducted by Jun-Yan Zhu at Carnegie Mellon University.

Summary:
The study is for comparing different text-to-image generative models and testing accessibility towards Color Vision Deficiency (CVD) users.

Purpose:
We are working on a method to modify text-to-image generative models to be more accessible towards Color Vision Deficiency (CVD) users. The purpose of this study is to evaluate how our method performs compared to baseline methods. We will show pairs of images generated by two different methods and ask the users questions about them. The answer will be used to evaluate how much better our method performs, on various metrics (e.g. realism, text-image alignment)

Procedure:
You will be shown pairs of images generated by different methods, along with the text prompt. For each pair, you will be asked a series of questions (for example, "Which one looks more realistic to you?"). You should be able to complete the entire study within one hour.

Participant Requirements:
Participation in this study is limited to individuals of age 18 and older.

Risks:
The risks and discomfort associated with participation in this study are no greater than those ordinarily encountered in daily life or during other online activities.
There maybe a potential risk of breach of confidentiality as the study is conducted in person. To mitigate this, we will not collect any recordings or photographs, and we will not obtain any identifiable information from the participants. Any records will be kept by code numbers, not by name. All response data will be kept on secured network storage

Benefits:
The results of this study will provide insights into how different generative models are perceived by color vision deficiency users.

Compensation & Costs:
You will be compensated $25 in the form of Amazon gift cards for participation in the study. The gift cards will be provided by email. There will be no cost to you if you participate in this study.

Confidentiality:
The data collected is anonymous and not personally identifiable. The data will be stored on a CMU machine and shared only with the CMU study team.

Future Use:
The data collected is anonymous and not personally identifiable. The data will be stored on a CMU machine and shared only with the CMU study team. In the future, we may use the data for our future research studies, or we may distribute the data to other investigators for their research studies. We would do this without getting additional informed consent from you. Sharing of data with other researchers will only be done in such a manner that you will not be identified.

Right to Ask Questions & Contact Information:
If you have any questions about this study, you should feel free to ask them by contacting the Principal Investigator, Jun-Yan Zhu at Carnegie Mellon University (junyanz@cs.cmu.edu). If you have questions later, desire additional information, or wish to withdraw your participation please contact the Principal Investigator.

If you have questions pertaining to your rights as a research participant; or to report concerns to this study, you should contact the Office of Research integrity and Compliance at Carnegie Mellon University. Email: irb-review@andrew.cmu.edu . Phone: 412-268-4721.

Voluntary Participation:
Your participation in this research is voluntary. You may discontinue participation at any time during the research activity. You may print a copy of this consent form for your records.

I am of age 18 or older. ☐ Yes   ☐ No
I have read and understand the information above. ☐ Yes   ☐ No
I want to participate in this research and continue with the study ☐ Yes   ☐ No