

MetaData: Inferring Personal Attributes from Virtual and Augmented Reality Telemetry Data
Participant Consent Form

We are asking you to participate in a research study titled “MetaData.” The researchers (PIs) are Vivek Nair and Gonzalo Munilla Garrido. We hope to contribute to public knowledge about XR technologies. These include VR, AR, MR, and “metaverse” systems. Information from this study may benefit users of XR now or in the future.

We will ask you to play an “escape room” virtual reality video game. Tasks within the game may include things like memorization and trivia. It may also include finding hidden objects and solving puzzles. The estimated time to complete this is 20 minutes. We will then ask you to complete a brief survey. The estimated time for the survey is 10 minutes. The purpose of this research is to compare the results of your XR experience to the results of your survey to gauge the effectiveness of XR. The estimated total time is 30 minutes.

Your involvement is voluntary. You may refuse to participate before the study begins. You may stop at any time. You can skip any questions that make you feel uncomfortable. This has no penalty, and no effect on your academic standing. Email or call the PI or co-PI if you wish to withdraw from the study. Please note that we cannot guarantee the retraction of anonymously collected information.

We do not expect any major risks from participating. We will do our best to ensure your data remains private. There is always a slight risk of a breach in confidentiality. If you have any discomfort while using the VR device, please notify the PI or co-PI immediately. We have the right to stop your participation at any time should it be necessary.

Your personal data may be collected during the experiment and survey. The data being collected may include demographics, biometrics, diagnostics, and technical data. This may include things like your height, age, and gender. This data will be anonymized with a random alphanumeric code. All personal information will be stored separately from your data. Your data will be used only for the purpose of conducting research. The researchers will not have access to this data other than in its anonymized form. Since the results are anonymized, you will not receive any specific results discovered about you. You will be notified by email about the overall findings of the research after its conclusion.

The researchers will combine your data with data from other participants before publishing it. Only aggregates, such as averages, will ever be shared with third parties. We will remove anything that could identify you before files are shared. By current scientific standards and known methods, no one will be able to identify you from the information we share. Your privacy will be kept as much as possible by the technology being used.

Data collected during this study may be used for future research without additional consent. Any future research using data collected during this study will conform to the same data privacy requirements as this study. Data collected from you will not be used for commercial profit. This consent form will be kept by the researcher for at least five years after the end of the study.

California residents have certain rights under the "Shine The Light" law (§1798.83). You may request to know the categories of personal information we disclosed to third parties. You may also request the names and addresses of third parties with which we shared personal information. If you would like to make such a request, please submit your request in writing to the PI or co-PI using the contact information provided below.

You can ask for the deletion of your personal information. If you ask us to delete your personal information, we will do our best to respect your request. Deletion is subject to certain exceptions provided by law. We will not be able to delete anonymized and aggregated data after its publication.

You are not provided any compensation for being in the study. There will be no cost to you for taking part in this study. You are not waiving any of your legal rights by signing this document. We may contact you again to request your participation in a later study. Your participation will be voluntary. We will ask for your explicit consent to participate in any follow up studies.

Audio and video recordings may be used to collect data for later review. These recordings will be used for internal purposes only. They will not be released to the public. By participating in this research, you consent to the capture of audio and video recordings of your likeness, image, and voice.

Please ask any questions you have now. If you have questions later, you can use contact details below.