

\* Research Participant Information Sheet

- \* Please read this document carefully before you decide to participate in this research study. Your participation is voluntary, and you can decline to participate, or withdraw consent at any time, with no consequences.

\* **Study Title:**

Perception of Motion in Graph

\* **Person(s) conducting the research:**

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\* **Purpose of the research study:**

The purpose of this study is to test the perception of users of encoded motion into graphs.

\* **What you will be asked to do in the study:**

As a participant in this study, you will be given a set of graphs. In each graph, data will be encoded by different types of motion. You will be asked to quantify the difference between motions with numerical values.

\* **Time required:**

One session, up to 30 minutes.

\* **Risks and benefits:**

Risks are minimal because the study involves looking at moving shapes on a computer screen. As the participants will repeatedly view moving graphics, minimal risk of eye strain or motion sickness can occur. However, this is not expected, and participants can choose to leave the study any time if they do not feel comfortable. The participants can take as many breaks as needed. They may also pause the study for a period of time and resume it if they are willing to do so. Collected data will be destroyed when the research project is concluded. The recorded results of your use with the software during the analysis activity will be saved and made publicly available online, but this data will not

include any of your personal information. No photos, audio recordings, or video recordings of you will be collected or shared.

**\* Confidentiality:**

Your identity will be kept confidential to the extent provided by law. All observations, questionnaire, and interview responses will be assigned a code number that will not be associated with your name. Your name will not be used in any report.

Information collected from you during this study, including observations; logs; and answers to the demographic and interview questions, may be provided in an anonymous format to current and future researchers for approved uses. Such uses may include scientific publications and presentations of the findings of the study, sharing information with other researchers for checking the accuracy of the findings of the study, and for future approved research that has the potential to improve human knowledge.

**\* Compensation:**

If you are enrolled in a course this semester offering course credit or extra credit for participation in research studies, you may be eligible to receive credit for participation in this study based on the approval of your course instructor. The amount of credit will be based on the course guidelines from the appointed instructor. It will not exceed 2% of final grade. For purposes of verifying extra or course credit, you understand that you will provide your UFID to the experiment staff who will provide the list to the professor.

**\* Withdrawal from the study:**

\* You are free to withdraw your consent and to stop participating in this study at any time without consequence. You can decline to answer any question you don't wish to answer. If you withdraw, your information will be discarded.

\* If you wish to discuss the information above or any discomforts you may experience, please ask questions now or contact one of the research team members listed at the top of this form.

\* If you have any questions regarding your rights as a research subject, please contact the Institutional Review Board (IRB02) office (098 PSY Bldg., University of Florida; Box 112250; (352) 392-0433 or [irb2@ufl.edu](mailto:irb2@ufl.edu).)