

**University of California, Irvine
Study Information Sheet**

Adapting the N-back Task for Cognitive Modeling

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- You are being asked to participate in a research study to explore how memory and attention interact in three tasks.
- You are eligible to participate in this study if you are at least 18 years of age or older and speak English.
- The research procedures involve performing three similar tasks on your computer. In each task, you will view a stream of letters presented on the screen, and make judgments about each letter and its relation to previously presented letters. Each task will take approximately 15 minutes, and the entire study should take approximately 45 minutes in total, and will not take longer than 60 minutes.
- Possible risks/discomforts associated with the study are minimal, past those of standard computer use.
- There are no direct benefits from participation in the study. However, this study may add to our understanding of how memory and attention interact.
- You will receive up to \$5 for your participation in this study.
- All research data collected will be stored securely and confidentially on a password protected server in a locked lab indefinitely. The data will not be connected to your identity in any way. Experiment data collected will be stored in an online public repository upon publication of any manuscript involving said data. Demographic data will be published as summary statistics (i.e., counts, averages, and standard deviations) only, and again, no personally identifying information will be collected or published.
- The research team, authorized UCI personnel, and regulatory entities, may have access to your study records to protect your safety and welfare. Any information derived from this research project that personally identifies you will not be voluntarily released or disclosed by these entities without your separate consent, except as specifically required by law.
- If you have any comments, concerns, or questions regarding the conduct of this research please contact the researchers listed at the top of this form.

- Please contact UCI's Office of Research by phone, (949) 824-6662, by e-mail at IRB@research.uci.edu or at 5171 California Avenue, Suite 150, Irvine, CA 92617 if you are unable to reach the researchers listed at the top of the form and have general questions; have concerns or complaints about the research; have questions about your rights as a research subject; or have general comments or suggestions.
- Participation in this study is voluntary. There is no cost to you for participating. You may choose to skip a question or a study procedure. You may refuse to participate or discontinue your involvement at any time without penalty. You are free to withdraw from this study at any time. **If you decide to withdraw from this study you should notify the research team immediately.**