

Creating human-collaborative agents by learning to adapt: Consent Form

DESCRIPTION: You are invited to participate in a research study on understanding human-agent collaboration and evaluating the performance of different training techniques for producing collaborative agents. You will be asked to answer a few questions about yourself. Then, you will play several rounds of the collaborative cooking-themed video game Overcooked with either a human partner or an automated agent. You will then have to answer some feedback questions about the interaction. We will debrief you on the research at the end of this. Data from responses and game logs will be analysed in an anonymized format and may be featured in any published work resulting from the study, while maintaining your privacy.

TIME INVOLVEMENT: Your participation will take approximately 30 minutes.

RISKS AND BENEFITS: During your participation, you may experience frustration or disappointment with the performance of your partner at the game. The partners that you are assigned to work with may not be particularly collaborative or well-suited for the task. The research team expects to learn about techniques for promoting human-agent collaboration which we hope will improve the quality of future collaborative agents. You may receive any public benefit that may come from these research results being shared with the greater scientific community, in addition to monetary compensation upon successful completion of the experiment. We cannot and do not guarantee or promise that you will receive any benefits from your participation in this study.

PAYMENTS: You will receive \$8 as payment for your participation.

PARTICIPANT'S RIGHTS: If you have read this form and have decided to participate in this project, please understand your participation is voluntary and you have the right to withdraw your consent or discontinue participation at any time without penalty or loss of benefits to which you are otherwise entitled. The alternative is not to participate. You have the right to refuse to answer particular questions. The results of this research study may be presented at scientific or professional meetings or published in scientific journals. Your individual privacy will be maintained in all published and written data resulting from the study.

CONTACT INFORMATION:

Questions: If you have any questions, concerns or complaints about this research, its procedures, risks and benefits, contact Anelise Newman (email: anelise@stanford.edu phone: 818-279-4468).

Independent Contact: If you are not satisfied with how this study is being conducted, or if you have any concerns, complaints, or general questions about the research or your rights as a participant, please contact the Stanford Institutional Review Board (IRB) to speak to someone independent of the research team at 650-723-2480 or email at IRB2-Manager@lists.stanford.edu, or toll free at 1-866-680-2906. You can also write to the Stanford IRB, Stanford University, 3000 El Camino Real, Five Palo Alto Square, 4th Floor, Palo Alto, CA 94306.

If you agree to participate in this research, please complete the remainder of the survey.