

## Experiment Questionnaire Phase 2

The following are questions about the AI agent you have seen in the experiments.

\* Required

1. Please enter your ID number. \*

2. Please respond to the following questions. \*

Strongly disagree      Disagree      Neutral      Agree      Strongly agree

I trust this particular AI agent.

    

I find the AI agent in the experiment easy to use.

    

I find the AI agent in the experiment dependable. (Dependability: an AI agent's ability to perform consistently over time without frequent failures.)

    

I can predict the actions of the AI agent in the experiment.

    

During the experiment, the AI agent behaved in ways that aligned with my goals.

    

The AI agent in

...the system...  
the experiment  
was sufficiently  
transparent.

By observing  
the AI agent in  
the experiment,  
I became more  
confident in its  
actions.

Observing the  
AI agent in the  
experiment  
helped me  
understand the  
reasoning  
behind its  
decisions.

Through  
guidance, I  
shared useful  
insights with  
the agent that  
increased its  
performance.

I would have  
preferred the  
agent to solve  
the entire  
problem  
without my  
guidance.

Time pressure  
in the  
countdown  
mode made me  
feel more  
focused and/or  
aware of the  
problem.

Time pressure  
in countdown  
mode adversely  
affected my  
confidence in  
my own advice.

## Demographic Questions

3. What is your program level? \*

- Senior Undergrad
- Master
- PhD
- None of the above

4. What program do you study? \*

5. Experience with AI: Think of the last time you developed a program with an AI agent. What technology did you use? Please explain what you did. \*

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