

## 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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I find the AI agent in the experiment easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I find the AI agent in the experiment dependable. (Dependability: an AI agent's ability to perform consistently over time without frequent failures.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can predict the actions of the AI agent in the experiment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
During the experiment, the AI agent behaved in ways that aligned with my goals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The AI agent in

the AI agent in the experiment was sufficiently transparent.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
By observing the AI agent in the experiment, I became more confident in its actions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Observing the AI agent in the experiment helped me understand the reasoning behind its decisions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Through guidance, I shared useful insights with the agent that increased its performance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would have preferred the agent to solve the entire problem without my guidance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time pressure in the countdown mode made me feel more focused and/or aware of the problem.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time pressure in countdown mode adversely affected my confidence in my own advice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 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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