Question Tour Block 1

Welcome!

The research focuses on investigating and improving collaborative intelligence within human-robot teams. You will engage with a simulated tunnel environment using a laptop and graphical user interface (GUI). Through this interface, you will navigate and interact with various scenarios designed to challenge collaborative strategies. Your feedback regarding your experiences, preferences, and suggestions will be collected to enhance human-robot interactions.

Participant Information

Are you from CSIRO robotic group?

- ○ Yes
- ○ No

1. What is your profession (Occupation/Field of Study)?

2. For how long have you used DARPA SubT System interfaces?

3. How frequently have you used these interfaces? (x per day/week/month/year)

4. What best describes your role(s) within human-robot teams? (robot operator, software engineer, hardware engineer, team member, and/or other (please specify))

1. How would you rate your familiarity with robotics and AI technologies?

- ○ Very low
- ○ Low
- ○ Moderate
- ○ High
- ○ Very high

2. Have you ever interacted with a robotic system before?

- ○ Yes
- ○ No

Question Tour Block 2

Map1

What do you think of your intervention timing?

- ○ Early
- ○ Timely
- ○ Late

Why do you think so? (tell me your observations)

Map2

What do you think of your intervention timing?

- ○ Timely
- ○ Early
- ○ Late

Why do you think so? (tell me your observations)

Map3

What do you think of your intervention timing?

- ○ Timely
- ○ Early
- ○ Late

Why do you think so? (tell me your observations)

Map4

What do you think of your intervention timing?

- ○ Timely
- ○ Early
- ○ Late

Why do you think so? (tell me your observations)

Question Tour Block 3

Task Evaluation

1. On a scale of 1 to 10, how challenging did you find the task presented in the simulation?

	Not challenging at all						Extremely challenging			
1	2	3	4	5	6	7	8	9	10

2. Did you feel adequately prepared to complete the task in the simulation?

- ○ Yes
- ○ No
- ○ Neutral

3. How would you rate the realism of the scenarios presented in the simulation?

- ○ Not realistic at all
- ○ Somewhat realistic
- ○ Moderately realistic
- ○ Very realistic
- ○ Extremely realistic

Question Tour Block 4

Interaction Preferences:

1. If the robot asks for help, would you be willing to provide assistance:

- ○ Yes, I would be willing to help the robot
- ○ No, I prefer not to help

- ○ No preference

2. How do you prefer that help be initiated?

- ○ By the robot asking for help
- ○ By me helping the robot when I think it's appropriate

How confident with your interventions through your whole experiment

no confident										confident
0	1	2	3	4	5	6	7	8	9	10

Block 4

System Performance:

1. Were there any instances where the robot's behavior surprised you? If so, please describe.

2. Did you encounter any technical issues or inconsistencies while interacting with the simulation?

Block 5

Overall Experience:

1. On a scale of 1 to 10, how satisfied were you with the overall user experience?

Not satisfied at all									Extremely satisfied
1	2	3	4	5	6	7	8	9	10

2. What aspects of the simulation did you find most enjoyable or engaging?

3. Do you have any suggestions for improving the simulation or interaction experience?

Block 6

Additional Comments:

Please share any additional feedback or comments about your experience with the simulation:

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