Pre-Experiment Survey

Thank you for participating in this experiment titled "Assisted Teleoperation: SUB-EXPERIMENT NAME"! In order for us to better understand the results of your use of the experimental system, we'd like to ask you a few questions about your background and familiarity with teleoperation and robotic devices.

Please do not hesitate to ask the investigator any questions you may have about this form or the experiment in general.

Bookkeeping:

Subject ID: __10__ Maxzavier Guo

Today's Date: __2__/ __10__/ __2024__ (dd/mm/yyyy)

About You:

Age: __21__ years

Gender: __Male__   ☐ Prefer not to say.

Handedness: ☐ Left   ☒ Right   ☐ Ambidextrous

U.S. Citizen or Resident Alien: ☒ Yes   ☒ No   ☐ Prefer not to say.

How experienced are you with teleoperation and human-robot interactive devices?

☒ *None*   This is my first time using such a device.

☐ *Limited*   I've used such a device once or twice.

☐ *Familiar*   I've used one or more devices many times.

☐ *Experienced*   I've developed teleoperation systems, myself.

Are you currently experiencing any of the following?

Injuries to your hand or arm	☐ Left	☐ Right	☒ No	☐ Prefer not to say.
Neurological disorders:		☐ Yes	☒ No	☐ Prefer not to say.
Uncorrected impaired vision:		☐ Yes	☒ No	☐ Prefer not to say.
Poor depth perception:		☐ Yes	☒ No	☐ Prefer not to say.
Color blindness:		☐ Yes	☒ No	☐ Prefer not to say.
Headache:		☐ Yes	☒ No	☐ Prefer not to say.
Fatigue:		☐ Yes	☒ No	☐ Prefer not to say.

If there are any other factors which you think might affect your performance in this experiment and wish to share them, please use the space below:

_____

_____

System Usability Scale

	Strongly disagree				Strongly agree

1. I think that I would like to use this system frequently

			X	
1	2	3	4	5

2. I found the system unnecessarily complex

X				
1	2	3	4	5

3. I thought the system was easy to use

			X	
1	2	3	4	5

4. I think that I would need the support of a technical person to be able to use this system

				X
1	2	3	4	5

5. I found the various functions in this system were well integrated

				X
1	2	3	4	5

6. I thought there was too much inconsistency in this system

X				
1	2	3	4	5

7. I would imagine that most people would learn to use this system very quickly

				X
1	2	3	4	5

8. I found the system very cumbersome to use

X				
1	2	3	4	5

9. I felt very confident using the system

			X	
1	2	3	4	5

10. I needed to learn a lot of things before I could get going with this system

X				
1	2	3	4	5

Post-Experiment Survey

Thank you for participating in this experiment titled "Assisted Teleoperation: SUB-EXPERIMENT NAME"! In order for us to characterize your experience with the system, please answer the following questions about the experiment you have just completed.

Please do not hesitate to ask the investigator any questions you may have about this form or the experiment in general.

Bookkeeping:

Subject ID: __10__ Max.

Task ID: _____

Today's Date: __15__ / __10__ / __2024__ (dd/mm/yyyy)

Your Experience:

How would you rate the difficulty you had when completing the task under different conditions?

Condition 1: Very Easy □—☒—□—□—□ Very Hard

Condition 2: Very Easy ☒—□—□—□—□ Very Hard

Condition *n*: Very Easy ☒—□—□—□—□ Very Hard

Feedback:

How would you compare the strategies you used to complete the task in the different conditions?

Depth consideration engaged with condition 1. None of that with the rest.

In the different conditions, did you feel like you were commanding the robot as if it were another person, or did you feel like the robot was a projection of your own body?

OWN

Were there any instances where you expected the system to behave one way, but it did something else?

System is sometimes not responding with pedal commands

Any other comments or suggestions on how you think the system should behave?

It's great