

**Post Luke Interaction Questionnaire**

**Age: Gender: User Number:**

1. How would you rate your level of experience with robots (circle one)?
   1. No Experience
   2. Beginner (have seen real robots or watched shows with physical robot characters)
   3. Intermediate (have worked with commercial robots before)
   4. Advanced (have worked on hardware or software development aspects of robots)
2. Which of the bellow images best describes your overall level of Valence during the interaction (circle one)? Valance is a measure of your overall positive or negative feelings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| High Valence | ←→ | Neutral | ←→ | Low Valence |



1. Which of the bellow images best describes your overall level of Arousal during the interaction (circle one)? Arousal is measure of your overall intensity of feelings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| High Arousal | ←→ | Neutral | ←→ | Low Arousal |



1. Please circle the number for each statement which indicates how much you agree or disagree with each statement below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | **Statement** | **Strongly disagree** | **Somewhat disagree** | **Neutral** | **Somewhat agree** | **Strongly agree** |
| 1 | I feel that I understood the emotions that Luke displayed | 1 | 2 | 3 | 4 | 5 |
| 2 | I found the emotions that Luke displayed throughout the interaction to be appropriate | 1 | 2 | 3 | 4 | 5 |
| 3 | I could clearly understand what Luke was saying. | 1 | 2 | 3 | 4 | 5 |
| 4 | I found that Luke responded appropriately to me. | 1 | 2 | 3 | 4 | 5 |
| 5 | It sometimes felt as if Luke was really looking at me | 1 | 2 | 3 | 4 | 5 |
| 6 | I feel like Luke understands me | 1 | 2 | 3 | 4 | 5 |
| 7 | Sometimes Luke seems to have real feelings | 1 | 2 | 3 | 4 | 5 |
| 8 | I think Luke is useful to me | 1 | 2 | 3 | 4 | 5 |
| 9 | I find Luke pleasant to interact with | 1 | 2 | 3 | 4 | 5 |
| 10 | I would trust Luke if it gave me advice | 1 | 2 | 3 | 4 | 5 |
| 11 | I would follow the advice Luke gives me | 1 | 2 | 3 | 4 | 5 |
| 12 | I would use Luke again as a diet and fitness companion | 1 | 2 | 3 | 4 | 5 |

1. Rank the following features of Luke in terms of their ability to convey the robot’s emotions effectively (1 being the best at conveying emotion, and 3 being the worst). You can use the same rank for multiple features.
   * Eye colour
   * Body Language
   * Vocal Intonation
2. What about Luke do you think could be improved?
3. What did you like the most about Luke or the interaction?
4. What did you like the least about Luke or the interaction?