Questionnaire

Personal details

| Please tell us some personal information: |
|--|
| Age: |
| Gender: |
| |
| Please state your experience with robots: |
| ○ I have worked with robots before. |
| I have interacted with robots before. |
| \bigcirc I have seen robots in reality or on television. |
| I am unfamiliar with robots. |

Additional Questions

Example question:

Some arbitrary item using defaults.

| | 1 | 2 | 3 | 4 | 5 | |
|-------------------|---|---|---|---|---|----------------|
| Strongly disagree | 0 | 0 | 0 | 0 | 0 | Strongly agree |

Another statement with optional opposites.

| | 1 | 2 | 3 | 4 | 5 | |
|------|---|---|---|---|---|-----|
| Good | 0 | 0 | 0 | 0 | 0 | Bad |

Robot rating

Using the scale provided, how closely do you associate the following attributes with Example Robot?

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------|---------|---|---|---|---|---|---|
| Feeling | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Нарру | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Organic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Compassionate | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sociable | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emotional | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Knowledgeable | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Interactive | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Responsive | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Capable | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Competent | \circ | 0 | 0 | 0 | 0 | 0 | 0 |
| Reliable | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aggressive | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Awful | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Scary | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Awkward | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dangerous | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Strange | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Robot rating

Please rate your impression of Example Robot on these scales:

| | 1 | 2 | 3 | 4 | 5 | |
|----------------|---|---|---|---|---|------------------|
| Fake | 0 | 0 | 0 | 0 | 0 | Natural |
| Machinelike | 0 | 0 | 0 | 0 | 0 | Humanlike |
| Unconscious | 0 | 0 | 0 | 0 | 0 | Conscious |
| Artificial | 0 | 0 | 0 | 0 | 0 | Lifelike |
| Moving rigidly | 0 | 0 | 0 | 0 | 0 | Moving elegantly |
| Dead | 0 | 0 | 0 | 0 | 0 | Alive |
| Stagnant | 0 | 0 | 0 | 0 | 0 | Lively |
| Mechanical | 0 | 0 | 0 | 0 | 0 | Organic |
| Inert | 0 | 0 | 0 | 0 | 0 | Interactive |
| Apathetic | 0 | 0 | 0 | 0 | 0 | Responsive |
| Dislike | 0 | 0 | 0 | 0 | 0 | Like |
| Unpleasant | 0 | 0 | 0 | 0 | 0 | Pleasant |
| Unfriendly | 0 | 0 | 0 | 0 | 0 | Friendly |
| Unkind | 0 | 0 | 0 | 0 | 0 | Kind |
| Awful | 0 | 0 | 0 | 0 | 0 | Nice |
| Incompetent | 0 | 0 | 0 | 0 | 0 | Competent |
| Ignorant | 0 | 0 | 0 | 0 | 0 | Knowledgeable |
| Irresponsible | 0 | 0 | 0 | 0 | 0 | Responsible |
| Unintelligent | 0 | 0 | 0 | 0 | 0 | Intelligent |
| Foolish | 0 | 0 | 0 | 0 | 0 | Sensible |

Emotional state

Please rate your own emotional state on these scales:

| | 1 | 2 | 3 | 4 | 5 | |
|-----------|---|---|---|---|---|-----------|
| Agitated | 0 | 0 | 0 | 0 | 0 | Calm |
| Anxious | 0 | 0 | 0 | 0 | 0 | Relaxed |
| Quiescent | 0 | 0 | 0 | 0 | 0 | Surprised |

Robot Rating

Please rate your impression of Example Robot on these scales:

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|---|---|---|---|---|---|---|
| If a robot was introduced to my home, I would feel like I have a new family member | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I would feel relaxed with a robot in my home | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I like that a robot can encourage me | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think a robot can be a communication partner | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I want to converse with a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I would want to boast that I have a robot in my home | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| If a robot is introduced to my home, I think my children or grandchildren will be pleased | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| If my friends use robots, I will also want one | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I want to use robots if I can use them with my friends | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots are neo-futuristic and cutting-edge | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| It is good if a robot can do the work of a human | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I feel easy around robots because I do not need to pay attention to robots as I do to humans | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| It would be a pity to have a robot in my home | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| The movements of a robot are unpleasant | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| It is unnatural for a robot to speak in a human language | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I feel like I also become a machine when I am with a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I feel scared around robots | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I have enough skills to use a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I can make full use of a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| It is easy to use a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I can easily learn how to use a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think the robot design should be cute | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think robots should have animal-like shapes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think the shape of a robot should have roundness | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think the voice of a robot should be like the voice of a living creature | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think the design of a robot should be beautiful | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think the design of a robot should be cool | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|---|---|---|---|---|---|---|
| I think a robot should have human-like shape | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots are practical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots are user-friendly | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots have functions that I find satisfactory with | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots are convenient | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I feel the necessity for robots in my daily life | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think robots are heavy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think the maintenance of a robot is difficult | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I worry about the robot breaking down | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think robots should make various sounds | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think robots should have various shapes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think robots should have various colors | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think a robot could recognize me and respond to me | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I think a robot would obey my commands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I want to tame a robot according to my preferences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I expect my family or friends to teach me how to use a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I expect my family or friends to help me when I use a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I expect my family or friends to advise me how to use a robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots can be used by remote control | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robots can be controlled by a button (on the robot itself) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I worry that robots are suitable for the state (layout of the furniture and other things) of my room now | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| I worry that robots are suitable for the circumstances (width or numbers of ramps) of my room now | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Comments |
|--|
| Why did you do XYZ? |
| |
| |
| Do you have any general impressions about Example Robot during your interaction with it? |
| |
| |
| Do you have any questions you would like to ask us? |
| |
| |