| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |  |
|---|---|---|---|---|---|------------------|--|--|--|
| Participant number *  |   |   |   |   |   |                  |  |  |  |
| 1.1   |   |   |   |   |   |                  |  |  |  |
| Fake  | 1 | 2 | 3 | 4 | 5 | Natural          |  |  |  |
| Machine-like  | 1 | 2 | 3 | 4 | 5 | Human-like       |  |  |  |
| Unconscious   | 1 | 2 | 3 | 4 | 5 | Conscious        |  |  |  |
| Artificial  | 1 | 2 | 3 | 4 | 5 | Lifelike         |  |  |  |
| Moving rigidly  | 1 | 2 | 3 | 4 | 5 | Moving elegantly |  |  |  |
| Doesn't make sense  | 1 | 2 | 3 | 4 | 5 | Makes sense      |  |  |  |

| Please rate your impression of the robot on these scales |                      |        |   |   |   |                  |  |  |
|--|----------------------|--------|---|---|---|------------------|--|--|
| 1.2  |                      |        |   |   |   |                  |  |  |
|  |                      |        |   |   | _ |                  |  |  |
| Fake   | 1                    | 2      | 3 | 4 | 5 | Natural          |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |
| Machine-like   | 0                    | •      | 0 | 0 | 0 | Human-like       |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |
| Unconscious  | 0                    | •      | 0 | 0 | 0 | Conscious        |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |
| Artificial   | 0                    | 0      | • | 0 | 0 | Lifelike         |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |
| Moving rigidly   | 0                    | •      | 0 | 0 | 0 | Moving elegantly |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |
| Doesn't make sense                                       | 0                    | 0      | 0 | • | 0 | Makes sense      |  |  |
| Please rate your impression o                            | f the robot on these | scales |   |   |   |                  |  |  |
| 1.3  |                      |        |   |   |   |                  |  |  |
|  |                      |        |   |   |   |                  |  |  |
|  |                      |        |   |   |   |                  |  |  |

|   |         |         |            |         | _ |                               |
|---|---------|---------|------------|---------|---|-------------------------------|
|   | 1       | 2       | 3          | 4       | 5 |                               |
| Fake  | O       | 0       | O          | O       | • | Natural                       |
|   |         |         |            |         |   |                               |
|   | 1       | 2       | 3          | 4       | 5 |                               |
| Machine-like  | 0       | $\circ$ | $\circ$    | $\circ$ | • | Human-like                    |
|   |         |         |            |         |   |                               |
|   |         |         |            |         |   |                               |
|   | 1       | 2       | 3          | 4       | 5 |                               |
| Unconscious   | 0       | 0       | 0          | •       | 0 | Conscious                     |
|   |         |         |            |         |   |                               |
|   | 1       | 2       | 3          | 4       | 5 |                               |
| Artificial  | $\circ$ | $\circ$ | <b>(a)</b> | $\circ$ | 0 | Lifelike                      |
|   |         |         |            |         |   |                               |
|   |         |         |            |         |   |                               |
|   |         |         |            |         |   |                               |
|   | 1       | 2       | 3          | 4       | 5 |                               |
| Moving rigidly  | 1       | 2       | 3          | 4       | 5 | Moving elegantly              |
| Moving rigidly  | 1       | 2       | 3          |         | 5 | Moving elegantly              |
| Moving rigidly  | 0       | 0       | 0          | •       | 0 | Moving elegantly              |
|   | 1 0     | 2 2     | 0          | 4       | 5 |                               |
| Moving rigidly  Doesn't make sense                      | 0       | 0       | 0          | •       | 0 | Moving elegantly  Makes sense |
|   | 1       | 2       | 0          | 4       | 5 |                               |
| Doesn't make sense                                      | 1       | 2       | 0          | 4       | 5 |                               |
| Doesn't make sense                                      | 1       | 2       | 0          | 4       | 5 |                               |
| Doesn't make sense Please rate your impression of       | 1       | 2       | 0          | 4       | 5 |                               |
| Doesn't make sense  Please rate your impression of      | 1       | 2       | 0          | 4       | 5 |                               |
| Doesn't make sense  Please rate your impression of      | 1 O     | 2 O     | 3          | 4       | 5 |                               |
| Doesn't make sense  Please rate your impression of  2.1 | 1 O     | 2 O     | 3          | 4       | 5 | Makes sense                   |
| Doesn't make sense  Please rate your impression of  2.1 | 1 O     | 2 O     | 3          | 4       | 5 | Makes sense                   |

|  | 1                  | 2        | 3 | 4       | 5       |                  |
|--|--------------------|----------|---|---------|---------|------------------|
| Machine-like                                       | 0                  | 0        | • | 0       | 0       | Human-like       |
|  |                    |          |   |         |         |                  |
|  | 1                  | 2        | 3 | 4       | 5       |                  |
| Unconscious  | $\circ$            | 0        | • | $\circ$ | $\circ$ | Conscious        |
|  |                    |          |   |         |         |                  |
|  |                    |          |   |         |         |                  |
|  | 1                  | 2        | 3 | 4       | 5       |                  |
| Artificial   | $\circ$            | $\circ$  | • | $\circ$ | $\circ$ | Lifelike         |
|  |                    |          |   |         |         |                  |
|  |                    | 0        |   |         | _       |                  |
|  | 1                  | 2        | 3 | 4       | 5       |                  |
| Moving rigidly                                     | O                  | O        | O | O       | •       | Moving elegantly |
|  |                    |          |   |         |         |                  |
|  | 1                  | 2        | 3 | 4       | 5       |                  |
|  |                    |          |   |         |         |                  |
| Doesn't make sense                                 | 0                  | 0        | 0 |         | 0       | Makes sense      |
| Doesn't make sense                                 | 0                  | 0        | 0 |         | 0       | Makes sense      |
| Doesn't make sense  Please rate your impression of | the robot on these | 0        | 0 |         | 0       | Makes sense      |
|  | the robot on these | 0        | 0 |         | 0       | Makes sense      |
|  | the robot on these | 0        | 0 |         | 0       | Makes sense      |
| Please rate your impression of                     | the robot on these | 0        | 0 |         | 0       | Makes sense      |
| Please rate your impression of                     | the robot on these | 0        | 3 |         | 5       | Makes sense      |
| Please rate your impression of                     |                    | scales   | 0 | •       | 0       | Makes sense      |
| Please rate your impression of                     |                    | scales   | 0 | 4       | 0       |                  |
| Please rate your impression of                     | 1                  | scales 2 | 3 | 4       | 5       |                  |
| Please rate your impression of  2.2  Fake          |                    | scales   | 3 | 4       | 0       | Natural          |
| Please rate your impression of                     | 1                  | scales 2 | 3 | 4       | 5       |                  |
| Please rate your impression of  2.2  Fake          | 1                  | scales 2 | 3 | 4       | 5       | Natural          |
| Please rate your impression of  2.2  Fake          | 1                  | scales 2 | 3 | 4       | 5       | Natural          |

|                                | 1                    | 2        | 3       | 4        | 5       |                  |
|--------------------------------|----------------------|----------|---------|----------|---------|------------------|
| Unconscious                    | $\bigcirc$           | <u> </u> | 0       | <u>4</u> | 0       | Conscious        |
| Unconscious                    |                      |          |         |          |         | Conscious        |
|                                |                      |          |         |          |         |                  |
|                                | 1                    | 2        | 3       | 4        | 5       |                  |
| Artificial                     | 0                    | 0        | •       | 0        | 0       | Lifelike         |
|                                |                      |          |         |          |         |                  |
|                                | 1                    | 2        | 3       | 4        | 5       |                  |
| Moving rigidly                 | $\circ$              | •        | 0       | 0        | $\circ$ | Moving elegantly |
|                                |                      |          |         |          |         |                  |
|                                | 1                    | 2        | 3       | 4        | 5       |                  |
| Doesn't make sense             | 0                    | •        | 0       | 0        | 0       | Makes sense      |
| >                              |                      |          |         |          |         |                  |
| Please rate your impression of | f the robot on these | e scales |         |          |         |                  |
|                                |                      |          |         |          |         |                  |
| 2.3                            |                      |          |         |          |         |                  |
|                                |                      |          |         |          |         |                  |
|                                | 1                    | 2        | 3       | 4        | 5       |                  |
| Fake                           | O                    | •        | O       | O        | O       | Natural          |
|                                |                      |          |         |          |         |                  |
|                                | 1                    | 2        | 3       | 4        | 5       |                  |
| Machine-like                   | •                    | $\circ$  | 0       | 0        | $\circ$ | Human-like       |
|                                |                      |          |         |          |         |                  |
|                                | 1                    | 2        | 3       | 4        | 5       |                  |
| Unconscious                    | 0                    | •        | $\circ$ | 0        | 0       | Conscious        |
|                                |                      |          |         |          |         |                  |
|                                |                      |          |         |          |         |                  |
|                                |                      |          |         |          |         |                  |

|                             | 1                     | 2        | 3        | 4 | 5       |                  |
|-----------------------------|-----------------------|----------|----------|---|---------|------------------|
| Artificial                  | 0                     | 0        | <b>o</b> | 0 | 0       | Lifelike         |
|                             |                       |          |          |   |         |                  |
|                             |                       |          |          |   |         |                  |
|                             | 1                     | 2        | 3        | 4 | 5       |                  |
| Moving rigidly              | •                     | O        | O        | O | O       | Moving elegantly |
|                             |                       |          |          |   |         |                  |
|                             | 1                     | 2        | 3        | 4 | 5       |                  |
| Doesn't make sense          | , 0                   | 0        | •        | 0 | 0       | Makes sense      |
| Diagon rate your impression | of the robot on these | , analan |          |   |         |                  |
| Please rate your impression | or the robot on these | scales   |          |   |         |                  |
| 3.1                         |                       |          |          |   |         |                  |
|                             |                       |          |          |   |         |                  |
|                             | 1                     | 2        | 3        | 4 | 5       |                  |
| Fake                        | $\circ$               | $\circ$  | 0        | • | $\circ$ | Natural          |
|                             |                       |          |          |   |         |                  |
|                             | 1                     | 2        | 3        | 4 | 5       |                  |
| Machine-like                | 0                     | 0        | •        | 0 | 0       | Human-like       |
|                             |                       |          |          |   |         |                  |
|                             |                       |          |          |   |         |                  |
|                             | 1                     | 2        | 3        | 4 | 5       |                  |
| Unconscious                 | O                     | O        | •        | O | O       | Conscious        |
|                             |                       |          |          |   |         |                  |
|                             | 1                     | 2        | 3        | 4 | 5       |                  |
| Artificial                  | 0                     | 0        | 0        | • | 0       | Lifelike         |
|                             |                       |          |          |   |         |                  |
|                             |                       |          |          |   |         |                  |
|                             |                       |          |          |   |         |                  |

|  | 1   | 2 | 3 | 4 | 5 |                  |  |  |  |
|--|-----|---|---|---|---|------------------|--|--|--|
| Moving rigidly   | 0   | 0 | 0 | • | 0 | Moving elegantly |  |  |  |
|  |     |   |   |   |   |                  |  |  |  |
|  | 1   | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | . 0 | O | O | • | O | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |     |   |   |   |   |                  |  |  |  |
| 3.2  |     |   |   |   |   |                  |  |  |  |
|  | 1   | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake   | 0   | 0 | 0 | • | 0 | Natural          |  |  |  |
|  | 1   | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0   | 0 | 0 | • | 0 | Human-like       |  |  |  |
|  |     | _ | _ |   | _ |                  |  |  |  |
| Unconscious  | 1   | 2 | 3 | 4 | 5 | Conscious        |  |  |  |
|  | _   |   |   |   | _ |                  |  |  |  |
| Artificial   |     | 2 | 3 | 4 | 5 | Lifelike         |  |  |  |
|  |     |   | 2 |   | _ |                  |  |  |  |
| Moving rigidly   |     | 2 | 3 | 4 | 5 | Moving elegantly |  |  |  |
|  |     |   |   |   |   |                  |  |  |  |
|  |     |   |   |   |   |                  |  |  |  |

| 0 0  |                            |     |       |   |  |  |  |  |  |
|--|----------------------------|-----|-------|---|--|--|--|--|--|
|  |                            | O   | •     | Makes sense   |  |  |  |  |  |
| Please rate your impression of the robot on these scales |                            |     |       |   |  |  |  |  |  |
|  |                            |     |       |   |  |  |  |  |  |
| 2  | 3                          | 4   | 5     |   |  |  |  |  |  |
| 0  | 0                          | •   | 0     | Natural   |  |  |  |  |  |
| 2  | 3                          | 4   | 5     |   |  |  |  |  |  |
| •  | 0                          | 0   | 0     | Human-like  |  |  |  |  |  |
| 2  | 3                          | 4   | 5     |   |  |  |  |  |  |
| •  | 0                          | 0   | 0     | Conscious   |  |  |  |  |  |
| 2  | 3                          | 4   | 5     |   |  |  |  |  |  |
| 0  | •                          | 0   | 0     | Lifelike  |  |  |  |  |  |
| 2  | 3                          | 4   | 5     |   |  |  |  |  |  |
| 0  | •                          | 0   | 0     | Moving elegantly  |  |  |  |  |  |
| 1 2  | 3                          | 4   | 5     |   |  |  |  |  |  |
| 0 0  | 0                          | 0   | •     | Makes sense   |  |  |  |  |  |
|  |                            |     |       |   |  |  |  |  |  |
|  | 2<br>2<br>0<br>2<br>2<br>0 | 2 3 | 2 3 4 | 2 3 4 5 2 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 |  |  |  |  |  |

| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |                      |        |   |   |   |                  |  |  |
|---|----------------------|--------|---|---|---|------------------|--|--|
| Participant number *  |                      |        |   |   |   |                  |  |  |
| 1.1   |                      |        |   |   |   |                  |  |  |
| Fake  | 1                    | 2      | 3 | 4 | 5 | Natural          |  |  |
| Machine-like  | 1                    | 2      | 3 | 4 | 5 | Human-like       |  |  |
| Unconscious   | 1                    | 2      | 3 | 4 | 5 | Conscious        |  |  |
| Artificial  | 1                    | 2      | 3 | 4 | 5 | Lifelike         |  |  |
| Moving rigidly  | 1                    | 2      | 3 | 4 | 5 | Moving elegantly |  |  |
| Doesn't make sense  | 1                    | 2      | 3 | 4 | 5 | Makes sense      |  |  |
| Please rate your impression o   | f the robot on these | scales |   |   |   |                  |  |  |

| 1.2                           |                      |        |   |   |   |                  |
|-------------------------------|----------------------|--------|---|---|---|------------------|
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                          | 0                    | 0      | 0 | • | 0 | Natural          |
|                               |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                  | 0                    | 0      | 0 | • | 0 | Human-like       |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                   | 0                    | 0      | 0 | • | 0 | Conscious        |
| Silosilosi                    |                      |        |   |   |   | Gallouida        |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                    | $\circ$              | 0      | 0 | • | 0 | Lifelike         |
|                               |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                | 0                    | 0      | 0 | 0 | • | Moving elegantly |
|                               |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense            | O                    | 0      | 0 | 0 |   | Makes sense      |
| Please rate your impression o | f the robot on these | scales |   |   |   |                  |
| 1.3                           |                      |        |   |   |   |                  |
|                               | _                    |        | _ |   | _ |                  |
| Fake                          | 1                    | 2      | 3 | 4 | 5 | Natural          |
| Fare                          |                      |        |   |   |   | ivaturai         |
|                               |                      |        |   |   |   |                  |

|                                | 1                    | 2      | 3        | 4 | 5        |                  |
|--------------------------------|----------------------|--------|----------|---|----------|------------------|
| Machine-like                   | O                    | O      | •        | O | O        | Human-like       |
|                                |                      |        |          |   |          |                  |
|                                | 1                    | 2      | 3        | 4 | 5        |                  |
| Unconscious                    | $\circ$              | 0      | $\circ$  | • | 0        | Conscious        |
|                                |                      |        |          |   |          |                  |
|                                | 1                    | 2      | 3        | 4 | 5        |                  |
| Artificial                     | 0                    | 0      | <b>(</b> | 0 | 0        | Lifelike         |
| 7.1.1110.01                    |                      |        |          |   |          | Enterine         |
|                                |                      |        |          |   |          |                  |
|                                | 1                    | 2      | 3        | 4 | 5        |                  |
| Moving rigidly                 | 0                    | 0      | 0        | • | 0        | Moving elegantly |
|                                |                      |        |          |   |          |                  |
|                                | 1                    | 2      | 3        | 4 | 5        |                  |
| Doesn't make sense             | $\bigcirc$           |        |          |   |          |                  |
|                                |                      | O      | O        | 0 | <b>O</b> | Makes sense      |
|                                |                      |        |          |   |          | Makes sense      |
| Please rate your impression of | f the robot on these | scales |          |   |          | Makes sense      |
|                                | the robot on these   | scales |          |   |          | Makes sense      |
| Please rate your impression of | the robot on these   | scales |          |   |          | Makes sense      |
|                                |                      |        |          |   |          | Makes sense      |
| 2.1                            | f the robot on these | scales | 3        | 4 | 5        |                  |
|                                |                      |        | 3        | 4 |          | Natural          |
| 2.1                            |                      |        | 3        | 4 | 5        |                  |
| 2.1                            |                      |        | 3        | 4 | 5        |                  |
| 2.1                            | 1                    | 2      | 0        | 0 | 5        |                  |
| 2.1 Fake                       | 1                    | 2      | 3        | 0 | 5        | Natural          |
| 2.1 Fake                       | 1                    | 2      | 3        | 0 | 5        | Natural          |

| Unconscious                   | 1                    | 2        | 3 | 4 | 5 | Conscious        |
|-------------------------------|----------------------|----------|---|---|---|------------------|
| Artificial                    | 1                    | 2        | 3 | 4 | 5 | Lifelike         |
| Moving rigidly                | 1                    | 2        | 3 | 4 | 5 | Moving elegantly |
| Doesn't make sense            | 1                    | 2        | 3 | 4 | 5 | Makes sense      |
| Please rate your impression o | f the robot on these | e scales |   |   |   |                  |
| Fake                          | 1                    | 2        | 3 | 4 | 5 | Natural          |
| Machine-like                  | 1                    | 2        | 3 | 4 | 5 | Human-like       |
| Unconscious                   | 1                    | 2        | 3 | 4 | 5 | Conscious        |
|                               |                      |          |   |   |   |                  |

|                               | 1                     | 2      | 3 | 4 | 5 |                  |
|-------------------------------|-----------------------|--------|---|---|---|------------------|
| Artificial                    | 0                     | •      | 0 | 0 | 0 | Lifelike         |
|                               |                       |        |   |   |   |                  |
| Moving rigidly                | 1                     | 2      | 3 | 4 | 5 | Moving elegantly |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense            | 0                     | •      | 0 | 0 | 0 | Makes sense      |
| Please rate your impression o | of the robot on these | scales |   |   |   | ·                |
| 2.3                           |                       |        |   |   |   |                  |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Fake                          | 0                     | 0      | 0 | • | 0 | Natural          |
|                               |                       |        |   |   |   |                  |
| Machine-like                  | 1                     | 2      | 3 | 4 | 5 | Human-like       |
|                               |                       |        |   |   |   |                  |
| Unconscious                   | 1                     | 2      | 3 | 4 | 5 | Conscious        |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Artificial                    | 0                     | 0      | 0 | • | 0 | Lifelike         |
|                               |                       |        |   |   |   |                  |
|                               |                       |        |   |   |   |                  |

|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
|--|---|---|----------|---|---|------------------|--|--|--|
| Moving rigidly   | 0 | 0 | 0        | • | 0 | Moving elegantly |  |  |  |
|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0 | 0 | 0        | • | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |   |   |          |   |   |                  |  |  |  |
| 3.1  |   |   |          |   |   |                  |  |  |  |
|  |   |   |          |   |   |                  |  |  |  |
|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
| Fake   | 0 | 0 | •        | 0 | 0 | Natural          |  |  |  |
|  |   |   |          |   |   |                  |  |  |  |
|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
| Machine-like   | 0 | 0 | •        | 0 | 0 | Human-like       |  |  |  |
|  |   |   |          |   |   |                  |  |  |  |
|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
| Unconscious  | 0 | O | •        | 0 | 0 | Conscious        |  |  |  |
|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
| Artificial   | 0 | 0 | <b>•</b> | 0 | 0 | Lifelike         |  |  |  |
| ,  |   |   |          |   |   |                  |  |  |  |
|  | 1 | 2 | 3        | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0 | 0 | •        | 0 | 0 | Moving elegantly |  |  |  |
|  |   |   |          |   |   |                  |  |  |  |
|  |   |   |          |   |   |                  |  |  |  |

|  |  |   |   |         | _ |                  |  |  |  |  |
|--|--|---|---|---------|---|------------------|--|--|--|--|
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Doesn't make sense                                       | O  | O | 0 | •       | O | Makes sense      |  |  |  |  |
| Please rate your impression of the robot on these scales |  |   |   |         |   |                  |  |  |  |  |
| 3.2  |  |   |   |         |   |                  |  |  |  |  |
|  |  | _ |   |         | _ |                  |  |  |  |  |
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Fake   | O  | • | O | O       | O | Natural          |  |  |  |  |
|  |  |   |   |         |   |                  |  |  |  |  |
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Machine-like   | •  | 0 | 0 | 0       | 0 | Human-like       |  |  |  |  |
|  |  |   |   |         |   |                  |  |  |  |  |
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Unconscious  | •  | 0 | 0 | 0       | 0 | Conscious        |  |  |  |  |
|  |  |   |   |         |   |                  |  |  |  |  |
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Artificial   | 0  | • | 0 | 0       | 0 | Lifelike         |  |  |  |  |
|  | 4  | 0 | 2 | 4       | - |                  |  |  |  |  |
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Moving rigidly   | O  | O | • | O       | O | Moving elegantly |  |  |  |  |
|  |  |   |   |         |   |                  |  |  |  |  |
|  | 1  | 2 | 3 | 4       | 5 |                  |  |  |  |  |
| Doesn't make sense                                       | 0  | 0 | • | $\circ$ | 0 | Makes sense      |  |  |  |  |
| Please rate your impression of                           | Please rate your impression of the robot on these scales |   |   |         |   |                  |  |  |  |  |
|  |  |   |   |         |   |                  |  |  |  |  |

| 3.3                |   |   |          |   |   |                  |  |  |  |
|--------------------|---|---|----------|---|---|------------------|--|--|--|
| Fake               | 1   | 2 | 3        | 4 | 5 | Natural          |  |  |  |
| Machine-like       | 1   | 2 | 3        | 4 | 5 | Human-like       |  |  |  |
| маспіпе-іїке       |   |   |          |   |   | питатніке        |  |  |  |
| Unconscious        | 1   | 2 | <b>3</b> | 4 | 5 | Conscious        |  |  |  |
| Artificial         | 1   | 2 | 3        | 4 | 5 | Lifelike         |  |  |  |
| Moving rigidly     | 1   | 2 | 3        | 4 | 5 | Moving elegantly |  |  |  |
| Doesn't make sense | 1   | 2 | 3        | 4 | 5 | Makes sense      |  |  |  |
|                    | This content is neither created nor endorsed by Google.  Google Forms |   |          |   |   |                  |  |  |  |
|                    |   |   |          |   |   |                  |  |  |  |
|                    |   |   |          |   |   |                  |  |  |  |

| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |                      |        |   |   |   |                  |  |
|---|----------------------|--------|---|---|---|------------------|--|
| Participant number *  |                      |        |   |   |   |                  |  |
| 1.1   |                      |        |   |   |   |                  |  |
| Fake  | 1                    | 2      | 3 | 4 | 5 | Natural          |  |
| Machine-like  | 1                    | 2      | 3 | 4 | 5 | Human-like       |  |
| Unconscious   | 1                    | 2      | 3 | 4 | 5 | Conscious        |  |
| Artificial  | 1                    | 2      | 3 | 4 | 5 | Lifelike         |  |
| Moving rigidly  | 1                    | 2      | 3 | 4 | 5 | Moving elegantly |  |
| Doesn't make sense  | 1                    | 2      | 3 | 4 | 5 | Makes sense      |  |
| Please rate your impression o   | f the robot on these | scales |   |   |   |                  |  |

| 1.2                           |  |   |   |   |   |                  |  |  |  |
|-------------------------------|--|---|---|---|---|------------------|--|--|--|
|                               | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake                          | 0  | 0 | • | 0 | 0 | Natural          |  |  |  |
|                               |  |   |   |   |   |                  |  |  |  |
|                               | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like                  | 0  | 0 | • | 0 | 0 | Human-like       |  |  |  |
|                               |  |   |   |   |   |                  |  |  |  |
|                               | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious                   |  |   |   |   |   | Conscious        |  |  |  |
|                               | 4  | 0 | 0 | 4 | _ |                  |  |  |  |
| Artificial                    | 1  | 2 | 3 | 4 | 5 | Lifelike         |  |  |  |
| Artificial                    |  |   | _ |   |   | Eneme            |  |  |  |
|                               | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly                | 0  | 0 | • | 0 | 0 | Moving elegantly |  |  |  |
|                               |  |   |   |   |   |                  |  |  |  |
|                               | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense            | •  | 0 | 0 | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression o | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |
| 1.3                           |  |   |   |   |   |                  |  |  |  |
|                               | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake                          | 0  | 0 | • | 0 | 0 | Natural          |  |  |  |
|                               |  |   |   |   |   |                  |  |  |  |

|                               | 1                    | 2       | 3       | 4       | 5       |                  |
|-------------------------------|----------------------|---------|---------|---------|---------|------------------|
| Machine-like                  | 0                    | •       | 0       | 0       | 0       | Human-like       |
|                               |                      |         |         |         |         |                  |
|                               | 1                    | 2       | 3       | 4       | 5       |                  |
| Unconscious                   | $\circ$              | •       | $\circ$ | $\circ$ | $\circ$ | Conscious        |
|                               |                      |         |         |         |         |                  |
|                               |                      |         |         |         |         |                  |
|                               | 1                    | 2       | 3       | 4       | 5       |                  |
| Artificial                    | 0                    | •       | 0       | 0       | 0       | Lifelike         |
|                               |                      |         |         |         |         |                  |
|                               | 1                    | 2       | 3       | 4       | 5       |                  |
| Moving rigidly                | $\circ$              | $\circ$ |         | $\circ$ | $\circ$ | Moving elegantly |
|                               |                      |         |         |         |         |                  |
|                               |                      |         |         |         |         |                  |
|                               | 1                    | 2       | 3       | 4       | 5       |                  |
| Doesn't make sense            | 0                    | 0       | •       | 0       | 0       | Makes sense      |
| Please rate your impression o | f the robot on these | scales  |         |         |         |                  |
| 2.4                           |                      |         |         |         |         |                  |
| 2.1                           |                      |         |         |         |         |                  |
|                               |                      |         |         |         |         |                  |
|                               | 1                    | 2       | 3       | 4       | 5       |                  |
| Fake                          | 0                    | 0       | 0       | 0       | •       | Natural          |
|                               |                      |         |         |         |         |                  |
|                               | 1                    | 2       | 3       | 4       | 5       |                  |
| Machine-like                  | $\circ$              | $\circ$ | 0       | •       | $\circ$ | Human-like       |
|                               |                      |         |         |         |         |                  |
|                               |                      |         |         |         |         |                  |
|                               |                      |         |         |         |         |                  |

|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
|--------------------------------|--|---|---|---|---|------------------|--|--|--|
| Unconscious                    | 0  | 0 | 0 | 0 | • | Conscious        |  |  |  |
|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial                     | 0  | 0 | 0 | • | 0 | Lifelike         |  |  |  |
|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly                 | 0  | 0 | 0 | • | 0 | Moving elegantly |  |  |  |
|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense             | 0  | 0 | 0 | 0 | • | Makes sense      |  |  |  |
| Please rate your impression of | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |
| 2.2                            |  |   |   |   |   |                  |  |  |  |
|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake                           | 0  | 0 | • | 0 | 0 | Natural          |  |  |  |
|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like                   | 0  | • | 0 | 0 | 0 | Human-like       |  |  |  |
|                                | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious                    | 0  | • | 0 | 0 | 0 | Conscious        |  |  |  |
|                                |  |   |   |   |   |                  |  |  |  |
|                                |  |   |   |   |   |                  |  |  |  |

|                                |                    | 2       |   |         | -       |                  |
|--------------------------------|--------------------|---------|---|---------|---------|------------------|
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Artificial                     | O                  |         | O | O       | O       | Lifelike         |
|                                |                    |         |   |         |         |                  |
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Moving rigidly                 | $\circ$            | $\circ$ |   | $\circ$ | $\circ$ | Moving elegantly |
|                                |                    |         |   |         |         |                  |
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Doesn't make sense             | $\circ$            | 0       | • | $\circ$ | $\circ$ | Makes sense      |
|                                |                    |         |   |         |         |                  |
| Please rate your impression of | the robot on these | escales |   |         |         |                  |
| 2.3                            |                    |         |   |         |         |                  |
| 2.3                            |                    |         |   |         |         |                  |
|                                |                    |         |   |         |         |                  |
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Fake                           | O                  | O       | • | O       | O       | Natural          |
|                                |                    |         |   |         |         |                  |
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Machine-like                   | $\circ$            | $\circ$ | • | 0       | $\circ$ | Human-like       |
|                                |                    |         |   |         |         |                  |
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Unconscious                    | $\circ$            | $\circ$ | • | $\circ$ | 0       | Conscious        |
|                                |                    |         |   |         |         |                  |
|                                |                    |         |   |         |         |                  |
|                                | 1                  | 2       | 3 | 4       | 5       |                  |
| Artificial                     | O                  | O       | • | O       | O       | Lifelike         |
|                                |                    |         |   |         |         |                  |
|                                |                    |         |   |         |         |                  |

|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
|--|---|---|---|---|---|------------------|--|--|--|
| Moving rigidly   | 0 | • | 0 | 0 | 0 | Moving elegantly |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       |   | 0 | • | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |  |
| 3.1  |   |   |   |   |   |                  |  |  |  |
|  | 1 | 2 | 2 | 4 | - |                  |  |  |  |
| Fake   | 1 | 2 | 3 | 4 | 5 | Natural          |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0 | 0 | • | 0 | 0 | Human-like       |  |  |  |
|  | 1 | 2 | 2 | 4 | 5 |                  |  |  |  |
| Unconscious  | 1 | 2 | 3 | 4 | 0 | Conscious        |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 1 | • | 0 | 0 | 0 | Lifelike         |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0 | 0 | • | 0 | 0 | Moving elegantly |  |  |  |
|  |   |   |   |   |   |                  |  |  |  |
|  |   |   |   |   |   |                  |  |  |  |

|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
|--|--|---|---|---|---|------------------|--|--|--|
| Doesn't make sense                                       | 0  | 0 | • | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |  |   |   |   |   |                  |  |  |  |
| 3.2  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake   | 0  | • | 0 | 0 | 0 | Natural          |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0  | 0 | • | 0 | 0 | Human-like       |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | •  | 0 | 0 | 0 | 0 | Conscious        |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0  | 0 | • | 0 | 0 | Lifelike         |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0  | 0 | • | 0 | 0 | Moving elegantly |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0  | • | 0 | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of                           | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |

| 3.3                |   |   |                        |   |   |                  |  |
|--------------------|---|---|------------------------|---|---|------------------|--|
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Fake               | 0 | • | 0                      | 0 | 0 | Natural          |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Machine-like       | 0 | • | 0                      | 0 | 0 | Human-like       |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Unconscious        | 0 | • | 0                      | 0 | 0 | Conscious        |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Artificial         | 0 | • | 0                      | 0 | 0 | Lifelike         |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Moving rigidly     | 0 | • | 0                      | 0 | 0 | Moving elegantly |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Doesn't make sense | 0 | • | 0                      | 0 | 0 | Makes sense      |  |
|                    |   |   | ither created nor endo |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |

| Human-Liken Please rate your impression of |                      |        | n with po | strual sy | /nergies |                  |
|--|----------------------|--------|-----------|-----------|----------|------------------|
| Participant number *                       |                      |        |           |           |          |                  |
| 1.1  |                      |        |           |           |          |                  |
| Fake                                       | 1                    | 2      | 3         | 4         | 5        | Natural          |
| Machine-like                               | 1                    | 2      | 3         | 4         | 5        | Human-like       |
| Unconscious                                | 1                    | 2      | 3         | 4         | 5        | Conscious        |
| Artificial                                 | 1                    | 2      | 3         | 4         | 5        | Lifelike         |
| Moving rigidly                             | 1                    | 2      | 3         | 4         | 5        | Moving elegantly |
| Doesn't make sense                         | 1                    | 2      | 3         | 4         | 5        | Makes sense      |
| Please rate your impression of             | f the robot on these | scales |           |           |          |                  |

| 1.2                            |                      |        |   |   |   |                  |
|--------------------------------|----------------------|--------|---|---|---|------------------|
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                           | •                    | 0      | 0 | 0 | 0 | Natural          |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                   | •                    | 0      | 0 | 0 | 0 | Human-like       |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                    | 0                    | 0      | • | 0 | 0 | Conscious        |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                     | 0                    | •      | 0 | 0 | 0 | Lifelike         |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                    | •      | 0 | 0 | 0 | Moving elegantly |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense             | •                    | 0      | 0 | 0 | 0 | Makes sense      |
| Please rate your impression of | f the robot on these | scales |   |   |   |                  |
| 1.3                            |                      |        |   |   |   |                  |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                           | 0                    | 0      | • | 0 | 0 | Natural          |
|                                |                      |        |   |   |   |                  |

|                                | 1                    | 2       | 3       | 4       | 5       |                  |
|--------------------------------|----------------------|---------|---------|---------|---------|------------------|
| Machine-like                   | •                    | O       | O       | O       | O       | Human-like       |
|                                |                      |         |         |         |         |                  |
|                                | 1                    | 2       | 3       | 4       | 5       |                  |
| Unconscious                    | $\circ$              | $\circ$ | $\circ$ | $\circ$ | •       | Conscious        |
|                                |                      |         |         |         |         |                  |
|                                |                      |         |         |         |         |                  |
|                                | 1                    | 2       | 3       | 4       | 5       |                  |
| Artificial                     | •                    | 0       | 0       | 0       | 0       | Lifelike         |
|                                |                      |         |         |         |         |                  |
|                                | 1                    | 2       | 3       | 4       | 5       |                  |
| Moving rigidly                 | 0                    | $\circ$ | •       | 0       | $\circ$ | Moving elegantly |
| gg.u.,                         |                      |         |         |         |         | og c.ega,        |
|                                |                      |         |         |         |         |                  |
|                                | 1                    | 2       | 3       | 4       | 5       |                  |
| Doesn't make sense             | $\circ$              | $\circ$ | $\circ$ | $\circ$ |         | Makes sense      |
| >                              |                      |         |         |         |         |                  |
| Please rate your impression of | f the robot on these | scales  |         |         |         |                  |
| 2.1                            |                      |         |         |         |         |                  |
|                                |                      |         |         |         |         |                  |
|                                |                      |         |         |         |         |                  |
|                                | 1                    | 2       | 3       | 4       | 5       |                  |
| Fake                           | O                    | O       | O       |         | O       | Natural          |
|                                |                      |         |         |         |         |                  |
|                                |                      |         |         |         |         |                  |
|                                | 1                    | 2       | 3       | 4       | 5       |                  |
| Machine-like                   | 1                    | 2       | 3       | 4       | 5       | Human-like       |
| Machine-like                   | 1                    | 2       |         |         | 5       | Human-like       |
| Machine-like                   | 1                    | 2       |         |         | 5       | Human-like       |

|                               | 1                    | 2      | 3 | 4 | 5 |                  |
|-------------------------------|----------------------|--------|---|---|---|------------------|
| Unconscious                   | 0                    | 0      | 0 | 0 | • | Conscious        |
|                               |                      |        |   |   |   |                  |
| Artificial                    | 1                    | 2      | 3 | 4 | 5 | Lifelike         |
|                               |                      | •      |   |   | _ |                  |
| Moving rigidly                | 1                    | 2      | 3 | 4 | 5 | Moving elegantly |
|                               |                      |        |   |   |   |                  |
| Doesn't make sense            | 1                    | 2      | 3 | 4 | 5 | Makes sense      |
| Please rate your impression o | f the robot on these | scales |   |   |   |                  |
| 2.2                           |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                          | 0                    | •      | 0 | 0 | 0 | Natural          |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                  | 0                    | •      | 0 | 0 | 0 | Human-like       |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                   | 0                    | •      | 0 | 0 | 0 | Conscious        |
|                               |                      |        |   |   |   |                  |
|                               |                      |        |   |   |   |                  |

|                               | 1                     | 2      | 3       | 4       | 5       |                  |
|-------------------------------|-----------------------|--------|---------|---------|---------|------------------|
| Artificial                    | •                     | 0      | 0       | 0       | 0       | Lifelike         |
|                               |                       |        |         |         |         |                  |
|                               | 1                     | 2      | 3       | 4       | 5       |                  |
| Moving rigidly                | 0                     | 0      | •       | 0       | $\circ$ | Moving elegantly |
|                               |                       |        |         |         |         |                  |
|                               | 1                     | 2      | 3       | 4       | 5       |                  |
| Doesn't make sense            | •                     | 0      | 0       | $\circ$ | 0       | Makes sense      |
| <b></b>                       |                       |        |         |         |         |                  |
| Please rate your impression o | of the robot on these | scales |         |         |         |                  |
| 2.3                           |                       |        |         |         |         |                  |
|                               |                       |        |         |         |         |                  |
|                               | 1                     | 2      | 3       | 4       | 5       |                  |
| Fake                          | 0                     | 0      | $\circ$ | •       | 0       | Natural          |
|                               |                       |        |         |         |         |                  |
|                               | 1                     | 2      | 3       | 4       | 5       |                  |
| Machine-like                  | 0                     | •      | 0       | 0       | 0       | Human-like       |
|                               |                       |        |         |         |         |                  |
|                               | 1                     | 2      | 3       | 4       | 5       |                  |
| Unconscious                   | 0                     | 0      | 0       | •       | 0       | Conscious        |
|                               |                       |        |         |         |         |                  |
|                               | 1                     | 2      | 3       | 4       | 5       |                  |
| Artificial                    | 0                     | 0      | •       | $\circ$ | 0       | Lifelike         |
|                               |                       |        |         |         |         |                  |
|                               |                       |        |         |         |         |                  |

|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
|--|---|---|---|---|---|------------------|--|--|--|
| Moving rigidly   | 0 | • | 0 | 0 | 0 | Moving elegantly |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0 | 0 | 0 | 0 |   | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |  |
| 3.1  |   |   |   |   |   |                  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake   | 0 | 0 | • | 0 | 0 | Natural          |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0 | 0 | 0 | • | 0 | Human-like       |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | 0 | 0 | 0 | • | 0 | Conscious        |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0 | 0 | • | 0 | 0 | Lifelike         |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0 | 0 | 0 | • | 0 | Moving elegantly |  |  |  |
|  |   |   |   |   |   |                  |  |  |  |
|  |   |   |   |   |   |                  |  |  |  |

|                                | 1                    | 2      | 3 | 4 | 5 |                  |
|--------------------------------|----------------------|--------|---|---|---|------------------|
| Doesn't make sense             | 0                    | 0      | • | 0 | 0 | Makes sense      |
| Please rate your impression of | the robot on these s | scales |   |   |   |                  |
| 3.2                            |                      |        |   |   |   |                  |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                           | 0                    | •      | 0 | 0 | 0 | Natural          |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                   | 0                    | •      | 0 | 0 | 0 | Human-like       |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                    | 0                    | 0      | • | 0 | 0 | Conscious        |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                     | •                    | 0      | 0 | 0 | 0 | Lifelike         |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                    | 0      | • | 0 | 0 | Moving elegantly |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense             | 0                    | •      | 0 | 0 | 0 | Makes sense      |
| Please rate your impression of | the robot on these s | scales |   |   |   |                  |
|                                |                      |        |   |   |   |                  |

| 1 | 2                                     | 3                                       | 4     | 5  |                      |
|---|---------------------------------------|---|-------|--|----------------------|
| • | 0                                     | 0                                       | 0     | 0  | Natural              |
|   |                                       |   |       |  |                      |
| 1 | 2                                     | 3                                       | 4     | 5  | Human-like           |
| 1 | 2                                     | 3                                       | 4     | 5  |                      |
| 0 | •                                     | 0                                       | 0     | 0  | Conscious            |
| 1 | 2                                     | 3                                       | 4     | 5  |                      |
| • | 0                                     | 0                                       | 0     | 0  | Lifelike             |
| 1 | 2                                     | 3                                       | 4     | 5  |                      |
| • | 0                                     | 0                                       | 0     | 0  | Moving elegantly     |
| 1 | 2                                     | 3                                       | 4     | 5  |                      |
| • | 0                                     | 0                                       | 0     | 0  | Makes sense          |
|   |                                       |   |       |  |                      |
|   |                                       |   |       |  |                      |
|   |                                       |   |       |  |                      |
|   |                                       |   |       |  |                      |
|   | 1  1  1  1  1  1  1  1  1  1  1  1  1 | 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 1 2 3 | <ul> <li>\bigcirc</li> <li>1</li> <li>2</li> <li>3</li> <li>4</li> <li>\bigcirc</li> <li>\bigcirc</li> <li>1</li> <li>2</li> <li>3</li> <li>4</li> <li>\bigcirc</li> <li>\bigcirc</li> <li>\bigcirc</li> <li>3</li> <li>4</li> </ul> | <ul> <li>□</li></ul> |

| Human-Liken Please rate your impression of |                      |        | n with po | strual sy | /nergies |                  |
|--|----------------------|--------|-----------|-----------|----------|------------------|
| Participant number *                       |                      |        |           |           |          |                  |
| 1.1  |                      |        |           |           |          |                  |
| Fake                                       | 1                    | 2      | 3         | 4         | 5        | Natural          |
| Machine-like                               | 1                    | 2      | 3         | 4         | 5        | Human-like       |
| Unconscious                                | 1                    | 2      | 3         | 4         | 5        | Conscious        |
| Artificial                                 | 1                    | 2      | 3         | 4         | 5        | Lifelike         |
| Moving rigidly                             | 1                    | 2      | 3         | 4         | 5        | Moving elegantly |
| Doesn't make sense                         | 1                    | 2      | 3         | 4         | 5        | Makes sense      |
| Please rate your impression of             | f the robot on these | scales |           |           |          |                  |

| 1.2                            |                      |          |   |   |   |                  |
|--------------------------------|----------------------|----------|---|---|---|------------------|
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Fake                           | 0                    | •        | 0 | 0 | 0 | Natural          |
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Machine-like                   | 0                    | 0        | • | 0 | 0 | Human-like       |
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Unconscious                    | 0                    | •        | 0 | 0 | 0 | Conscious        |
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Artificial                     | 0                    | 0        | • | 0 | 0 | Lifelike         |
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                    | 0        | • | 0 | 0 | Moving elegantly |
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Doesn't make sense             | 0                    | •        | 0 | 0 | 0 | Makes sense      |
| Please rate your impression of | f the robot on these | e scales |   |   |   |                  |
| 1.3                            |                      |          |   |   |   |                  |
|                                | 1                    | 2        | 3 | 4 | 5 |                  |
| Fake                           | 0                    | •        | 0 | 0 | 0 | Natural          |

|                                | 1                    | 2          | 3          | 4       | 5       |                  |
|--------------------------------|----------------------|------------|------------|---------|---------|------------------|
| Machine-like                   | •                    | 0          | 0          | 0       | 0       | Human-like       |
|                                |                      |            |            |         |         |                  |
|                                | 1                    | 2          | 3          | 4       | 5       |                  |
| Unconscious                    | $\circ$              | $\bigcirc$ | 0          | •       | $\circ$ | Conscious        |
| Officoriscious                 |                      |            |            |         |         | Conscious        |
|                                |                      |            |            |         |         |                  |
|                                | 1                    | 2          | 3          | 4       | 5       |                  |
| Artificial                     | 0                    | $\circ$    | •          | $\circ$ | $\circ$ | Lifelike         |
|                                |                      |            |            |         |         |                  |
|                                |                      |            |            |         |         |                  |
|                                | 1                    | 2          | 3          | 4       | 5       |                  |
| Moving rigidly                 | O                    | O          | •          | O       | O       | Moving elegantly |
|                                |                      |            |            |         |         |                  |
|                                | 1                    | 2          | 3          | 4       | 5       |                  |
| Doesn't make sense             | 0                    | 0          | $\circ$    | $\circ$ | •       | Makes sense      |
| <b></b>                        |                      |            |            |         |         |                  |
| Please rate your impression of | f the robot on these | scales     |            |         |         |                  |
|                                |                      |            |            |         |         |                  |
| 2.1                            |                      |            |            |         |         |                  |
|                                |                      |            |            |         |         |                  |
|                                | 1                    | 2          | 3          | 4       | 5       |                  |
| Fake                           | $\circ$              | $\circ$    | $\bigcirc$ | •       | $\circ$ | Natural          |
|                                |                      |            |            |         |         |                  |
|                                |                      |            |            |         |         |                  |
|                                | 1                    | 2          | 3          | 4       | 5       |                  |
| Machine-like                   | 0                    | 0          | •          | 0       | 0       | Human-like       |
|                                |                      |            |            |         |         |                  |
|                                |                      |            |            |         |         |                  |
|                                |                      |            |            |         |         |                  |

|                                | 1                    | 2           | 3 | 4       | 5       |                       |
|--------------------------------|----------------------|-------------|---|---------|---------|-----------------------|
| Unconscious                    | 0                    | 0           | 0 | •       | 0       | Conscious             |
|                                |                      |             |   |         |         |                       |
|                                | 1                    | 2           | 3 | 4       | 5       |                       |
| Artificial                     | $\circ$              | 0           | • | $\circ$ | 0       | Lifelike              |
|                                |                      |             |   |         |         |                       |
|                                | 1                    | 2           | 3 | 4       | 5       |                       |
| Moving rigidly                 | 0                    | 0           | 0 | •       | $\circ$ | Moving elegantly      |
|                                |                      |             |   |         |         |                       |
|                                | 1                    | 2           | 3 | 4       | 5       |                       |
| Doesn't make sense             |                      | 0           | 0 | 0       | •       | Makes sense           |
|                                |                      |             |   |         |         |                       |
| Please rate your impression of | f the robot on these | scales      |   |         |         |                       |
| 2.2                            |                      |             |   |         |         |                       |
|                                |                      |             |   |         |         |                       |
|                                |                      |             |   |         |         |                       |
|                                | 1                    | 2           | 3 | 4       | 5       |                       |
| Fake                           | 1                    | 2           | 3 | 4       | 5       | Natural               |
| Fake                           | 1                    |             | 3 | 4       | 5       | Natural               |
| Fake                           | 1                    |             | 3 | 4       | 5       | Natural               |
| Fake  Machine-like             | 0                    | •           | 0 | 0       | 0       | Natural<br>Human-like |
|                                | 0                    | 2           | 0 | 0       | 0       |                       |
|                                | 0                    | 2           | 0 | 0       | 0       |                       |
|                                | 1<br>O               | ②<br>2<br>• | 3 | 4       | 5       |                       |
| Machine-like                   | 1<br>O               | 2<br>•      | 3 | 4       | 5 0     | Human-like            |
| Machine-like                   | 1<br>O               | 2<br>•      | 3 | 4       | 5 0     | Human-like            |

|                               | 1                     | 2        | 3         | 4          | 5        |                  |
|-------------------------------|-----------------------|----------|-----------|------------|----------|------------------|
| Artificial                    | $\bigcirc$            |          | <u> </u>  | 4<br>()    | 0        | Lifelike         |
| Artificial                    |                       |          |           |            |          | LITETIKE         |
|                               |                       |          |           |            |          |                  |
|                               | 1                     | 2        | 3         | 4          | 5        |                  |
| Moving rigidly                | 0                     | 0        | •         | $\circ$    | 0        | Moving elegantly |
|                               |                       |          |           |            |          |                  |
|                               | 1                     | 2        | 3         | 4          | 5        |                  |
| Doesn't make sense            | •                     | $\circ$  | 0         | $\circ$    | $\circ$  | Makes sense      |
|                               |                       |          |           |            |          |                  |
| Please rate your impression o | of the robot on these | scales   |           |            |          |                  |
| 2.3                           |                       |          |           |            |          |                  |
|                               |                       |          |           |            |          |                  |
|                               | 1                     | 2        | 3         | 4          | 5        |                  |
| Fake                          | $\circ$               | 0        | <b>()</b> | $\bigcirc$ | 0        | Natural          |
| i ake                         |                       |          |           |            |          | ivaturai         |
|                               |                       |          |           |            |          |                  |
|                               | 1                     | 2        | 3         | 4          | 5        |                  |
| Machine-like                  | •                     | 0        | 0         | 0          | 0        | Human-like       |
|                               |                       |          |           |            |          |                  |
|                               | 1                     | 2        | 3         | 4          | 5        |                  |
| Unconscious                   | 0                     | 0        | •         | 0          | $\circ$  | Conscious        |
|                               |                       |          |           |            |          |                  |
|                               | 1                     | 2        | 3         | 4          | 5        |                  |
| Artificial                    | $\bigcirc$            | <u> </u> | 0         | <u>+</u>   | <u> </u> | Lifelike         |
| Altilloidi                    |                       |          |           |            |          | LITETING         |
|                               |                       |          |           |            |          |                  |
|                               |                       |          |           |            |          |                  |

|  | 1 | 2 | 3 | 4        | 5 |                  |  |  |  |
|--|---|---|---|----------|---|------------------|--|--|--|
| Moving rigidly   | 0 | • | 0 | 0        | 0 | Moving elegantly |  |  |  |
|  | 1 | 2 | 3 | 4        | 5 |                  |  |  |  |
| Doesn't make sense                                       |   | 0 | 0 | •        | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |   |   |   |          |   |                  |  |  |  |
| 3.1  |   |   |   |          |   |                  |  |  |  |
|  |   |   |   |          | _ |                  |  |  |  |
| Fake   | 1 | 2 | 3 | <b>4</b> | 5 | Natural          |  |  |  |
|  | 1 | 2 | 2 | 4        | - |                  |  |  |  |
| Machine-like   | 1 | 2 | 3 | 4        | 5 | Human-like       |  |  |  |
|  |   |   |   |          |   |                  |  |  |  |
| Unconscious  | 1 | 2 | 3 | 4        | 5 | Conscious        |  |  |  |
|  |   |   |   |          |   |                  |  |  |  |
| Artificial   | 1 | 2 | 3 | 4        | 5 | Lifelike         |  |  |  |
|  | 1 | 2 | 3 | 4        | 5 |                  |  |  |  |
| Moving rigidly   | 0 | 0 | 0 | 0        | • | Moving elegantly |  |  |  |
|  |   |   |   |          |   |                  |  |  |  |
|  |   |   |   |          |   |                  |  |  |  |

| Doesn't make sense             | 1                    | 2      | 3 | 4 | 5 | Makes sense      |
|--------------------------------|----------------------|--------|---|---|---|------------------|
| Please rate your impression of | the robot on these s | scales |   |   |   |                  |
|                                |                      |        |   |   |   |                  |
| 3.2                            |                      |        |   |   |   |                  |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                           | 0                    | 0      | • | 0 | 0 | Natural          |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                   | 0                    | 0      | • | 0 | 0 | Human-like       |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                    | 0                    | •      | 0 | 0 | 0 | Conscious        |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                     | 0                    | •      | 0 | 0 | 0 | Lifelike         |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                    | 0      | • | 0 | 0 | Moving elegantly |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense             | 0                    | •      | 0 | 0 | 0 | Makes sense      |
| Please rate your impression of | the robot on these s | scales |   |   |   |                  |
|                                |                      |        |   |   |   |                  |

| 3.3                |   |   |   |   |   |                  |  |  |
|--------------------|---|---|---|---|---|------------------|--|--|
| Fake               | 1   | 2 | 3 | 4 | 5 | Natural          |  |  |
| Machine-like       | 1   | 2 | 3 | 4 | 5 | Human-like       |  |  |
| Unconscious        | 1   | 2 | 3 | 4 | 5 | Conscious        |  |  |
| Artificial         | 1   | 2 | 3 | 4 | 5 | Lifelike         |  |  |
| Moving rigidly     | 1   | 2 | 3 | 4 | 5 | Moving elegantly |  |  |
| Doesn't make sense | 1   | 2 | 3 | 4 | 5 | Makes sense      |  |  |
|                    | This content is neither created nor endorsed by Google.  Google Forms |   |   |   |   |                  |  |  |
|                    |   |   |   |   |   |                  |  |  |
|                    |   |   |   |   |   |                  |  |  |

|                               | Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |
|-------------------------------|---|---|---|---|---|------------------|--|--|
| Participant number *          |   |   |   |   |   |                  |  |  |
| 1.1                           |   |   |   |   |   |                  |  |  |
| Fake                          | 1   | 2 | 3 | 4 | 5 | Natural          |  |  |
| Machine-like                  | 1   | 2 | 3 | 4 | 5 | Human-like       |  |  |
| Unconscious                   | 1   | 2 | 3 | 4 | 5 | Conscious        |  |  |
| Artificial                    | 1   | 2 | 3 | 4 | 5 | Lifelike         |  |  |
| Moving rigidly                | 1   | 2 | 3 | 4 | 5 | Moving elegantly |  |  |
| Doesn't make sense            | 1   | 2 | 3 | 4 | 5 | Makes sense      |  |  |
| Please rate your impression o | Please rate your impression of the robot on these scales  |   |   |   |   |                  |  |  |

| 1.2  |   |   |   |   |   |                  |  |  |
|--|---|---|---|---|---|------------------|--|--|
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Fake   | 0 | 0 | • | 0 | 0 | Natural          |  |  |
|  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Machine-like   | 0 | 0 | 0 | • | 0 | Human-like       |  |  |
|  |   | _ | _ |   | _ |                  |  |  |
| Unconscious  | 1 | 2 | 3 | 4 | 5 | Conscious        |  |  |
|  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Artificial   | 0 | 0 | • | 0 | 0 | Lifelike         |  |  |
|  |   |   |   |   |   |                  |  |  |
| Moving rigidly   | 1 | 2 | 3 | 4 | 5 | Moving elegantly |  |  |
| g.r.ge.y   |   |   |   |   |   | og ologanu,      |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Doesn't make sense                                       | 0 | • | 0 | 0 | 0 | Makes sense      |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |
| 1.3  |   |   |   |   |   |                  |  |  |
|  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Fake   | 0 | 0 | • | 0 | 0 | Natural          |  |  |
|  |   |   |   |   |   |                  |  |  |

|                                | 1                  | 2       | 3        | 4          | 5       |                  |
|--------------------------------|--------------------|---------|----------|------------|---------|------------------|
| Machine-like                   |                    | <u></u> | <u> </u> | <u>4</u>   | ,<br>,  | Human-like       |
| Machine-like                   |                    |         |          |            |         | пинанике         |
|                                |                    |         |          |            |         |                  |
|                                | 1                  | 2       | 3        | 4          | 5       |                  |
| Unconscious                    | 0                  | 0       | 0        | 0          | •       | Conscious        |
|                                |                    |         |          |            |         |                  |
|                                | 1                  | 2       | 3        | 4          | 5       |                  |
| Artificial                     | $\circ$            | $\circ$ | •        | 0          | $\circ$ | Lifelike         |
|                                |                    |         |          |            |         |                  |
|                                | _                  | -       |          | ,          | _       |                  |
|                                | 1                  | 2       | 3        | 4          | 5       |                  |
| Moving rigidly                 | O                  | O       | O        |            | O       | Moving elegantly |
|                                |                    |         |          |            |         |                  |
|                                | 1                  | 2       | 3        | 4          | 5       |                  |
| Doesn't make sense             | 0                  | $\circ$ | 0        | •          | $\circ$ | Makes sense      |
|                                |                    |         |          |            |         |                  |
| Please rate your impression of | the robot on these | scales  |          |            |         |                  |
| 2.1                            |                    |         |          |            |         |                  |
|                                |                    |         |          |            |         |                  |
|                                | 1                  | 2       | 3        | 4          | 5       |                  |
| Fake                           | $\circ$            | $\circ$ | $\circ$  | <b>(a)</b> | $\circ$ | Natural          |
|                                |                    |         |          |            |         |                  |
|                                |                    |         |          |            |         |                  |
|                                | 1                  | 2       | 3        | 4          | 5       |                  |
| Machine-like                   | 0                  | 0       | 0        | <b>(a)</b> | 0       | Human-like       |
|                                |                    |         |          |            |         |                  |
|                                |                    |         |          |            |         |                  |
|                                |                    |         |          |            |         |                  |

|                             | 1                     | 2        | 3 | 4 | 5 |                  |
|-----------------------------|-----------------------|----------|---|---|---|------------------|
| Unconscious                 | 0                     | 0        | 0 | 0 | • | Conscious        |
|                             | 1                     | 2        | 3 | 4 | 5 |                  |
| Artificial                  | 0                     | 0        | 0 | • | 0 | Lifelike         |
|                             | 1                     | 2        | 3 | 4 | 5 |                  |
| Moving rigidly              | 0                     | 0        | 0 | • | 0 | Moving elegantly |
|                             | 1                     | 2        | 3 | 4 | 5 |                  |
| Doesn't make sense          |                       | 0        | 0 | • | 0 | Makes sense      |
| Please rate your impression | of the robot on these | e scales |   |   |   |                  |
| 2.2                         |                       |          |   |   |   |                  |
|                             | 1                     | 2        | 3 | 4 | 5 |                  |
| Fake                        | 0                     | •        | 0 | 0 | 0 | Natural          |
|                             | 1                     | 2        | 3 | 4 | 5 |                  |
| Machine-like                | 0                     | 0        | • | 0 | 0 | Human-like       |
|                             | 1                     | 2        | 3 | 4 | 5 |                  |
| Unconscious                 | 0                     | •        | 0 | 0 | 0 | Conscious        |
|                             |                       |          |   |   |   |                  |
|                             |                       |          |   |   |   |                  |

|                               | 1                     | 2      | 3 | 4 | 5 |                  |
|-------------------------------|-----------------------|--------|---|---|---|------------------|
| Artificial                    | 0                     | •      | 0 | 0 | 0 | Lifelike         |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                | 0                     | 0      | 0 | • | 0 | Moving elegantly |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense            | 0                     | •      | 0 | 0 | 0 | Makes sense      |
| Please rate your impression o | of the robot on these | scales |   |   |   |                  |
| 2.3                           |                       |        |   |   |   |                  |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Fake                          | 0                     | 0      | • | 0 | 0 | Natural          |
|                               |                       |        |   |   |   |                  |
| Machine-like                  | 1                     | 2      | 3 | 4 | 5 | Human-like       |
|                               |                       |        |   |   |   |                  |
| Unconscious                   | 1                     | 2      | 3 | 4 | 5 | Conscious        |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Artificial                    | 0                     | •      | 0 | 0 | 0 | Lifelike         |
|                               |                       |        |   |   |   |                  |
|                               |                       |        |   |   |   |                  |

|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
|--|---------|---------|---|---|---|------------------|--|--|--|
| Moving rigidly   | 0       | •       | 0 | 0 | 0 | Moving elegantly |  |  |  |
|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       |         | 0       | • | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |         |         |   |   |   |                  |  |  |  |
| 3.1  |         |         |   |   |   |                  |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
| Fake   | O       | O       | O | • | O | Natural          |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0       | 0       | • | 0 | 0 | Human-like       |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | 0       | 0       | 0 | • | 0 | Conscious        |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | $\circ$ | 0       | • | 0 | 0 | Lifelike         |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  | 1       | 2       | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0       | $\circ$ | 0 | 0 | • | Moving elegantly |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |
|  |         |         |   |   |   |                  |  |  |  |

|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
|--|--|---|---|---|---|------------------|--|--|--|
| Doesn't make sense                                       | 0  | 0 | 0 | • | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |  |   |   |   |   |                  |  |  |  |
| 3.2  |  |   |   |   |   |                  |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake   | 0  | 0 | 0 | • | 0 | Natural          |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0  | 0 | 0 | • | 0 | Human-like       |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | •  | 0 | 0 | 0 | 0 | Conscious        |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0  | 0 | 0 | • | 0 | Lifelike         |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0  | 0 | 0 | • | 0 | Moving elegantly |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0  | • | 0 | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of                           | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |

| 3.3                |   |   |                        |   |   |                  |  |
|--------------------|---|---|------------------------|---|---|------------------|--|
| Fake               | 1 | 2 | 3                      | 4 | 5 | Natural          |  |
| rdke               |   |   |                        |   |   | Natural          |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Machine-like       | 0 | • | 0                      | 0 | 0 | Human-like       |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Unconscious        | 0 | 0 | •                      | 0 | 0 | Conscious        |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Artificial         | 0 | • | 0                      | 0 | 0 | Lifelike         |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Moving rigidly     | 0 | • | 0                      | 0 | 0 | Moving elegantly |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Doesn't make sense | 0 | 0 | 0                      | • | 0 | Makes sense      |  |
|                    |   |   | ither created nor endo |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |

| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |
|---|---|---|---|---|---|------------------|--|
| Participant number *  |   |   |   |   |   |                  |  |
| 1.1   |   |   |   |   |   |                  |  |
| Fake  | 1 | 2 | 3 | 4 | 5 | Natural          |  |
| Machine-like  | 1 | 2 | 3 | 4 | 5 | Human-like       |  |
| Unconscious   | 1 | 2 | 3 | 4 | 5 | Conscious        |  |
| Artificial  | 1 | 2 | 3 | 4 | 5 | Lifelike         |  |
| Moving rigidly  | 1 | 2 | 3 | 4 | 5 | Moving elegantly |  |
| Doesn't make sense  | 1 | 2 | 3 | 4 | 5 | Makes sense      |  |
| Please rate your impression of the robot on these scales  |   |   |   |   |   |                  |  |

| 1.2                            |                       |          |   |   |   |                  |
|--------------------------------|-----------------------|----------|---|---|---|------------------|
| Fake                           | 1                     | 2        | 3 | 4 | 5 | Natural          |
| Machine-like                   | 1                     | 2        | 3 | 4 | 5 | Human-like       |
| Unconscious                    | 1                     | 2        | 3 | 4 | 5 | Conscious        |
| Artificial                     | 1                     | 2        | 3 | 4 | 5 | Lifelike         |
| Moving rigidly                 | 1                     | 2        | 3 | 4 | 5 | Moving elegantly |
| Doesn't make sense             | 1                     | 2        | 3 | 4 | 5 | Makes sense      |
| Please rate your impression of | of the robot on these | e scales |   |   |   |                  |
|                                | 1                     | 2        | 3 | 4 | 5 |                  |
| Fake                           | 0                     | 0        | • | 0 | 0 | Natural          |

|                                | 1                    | 2        | 3       | 4       | 5       |                       |
|--------------------------------|----------------------|----------|---------|---------|---------|-----------------------|
| Machine-like                   | 0                    | •        | 0       | 0       | 0       | Human-like            |
|                                |                      |          |         |         |         |                       |
|                                | 1                    | 2        | 3       | 4       | 5       |                       |
| Unconscious                    | $\circ$              | $\circ$  |         | $\circ$ | $\circ$ | Conscious             |
|                                |                      |          |         |         |         |                       |
|                                |                      |          |         |         |         |                       |
|                                | 1                    | 2        | 3       | 4       | 5       |                       |
| Artificial                     | 0                    | •        | 0       | 0       | 0       | Lifelike              |
|                                |                      |          |         |         |         |                       |
|                                | 1                    | 2        | 3       | 4       | 5       |                       |
| Moving rigidly                 | $\circ$              | $\circ$  | •       | $\circ$ | 0       | Moving elegantly      |
|                                |                      |          |         |         |         |                       |
|                                |                      |          |         |         |         |                       |
|                                | 1                    | 2        | 3       | 4       | 5       |                       |
| Doesn't make sense             | $\circ$              | <b>O</b> | $\circ$ | 0       | $\circ$ | Makes sense           |
|                                |                      |          |         |         |         |                       |
| Places rate your impression of | f the robot on these | o coolog |         |         |         |                       |
| Please rate your impression of | f the robot on these | scales   |         |         |         |                       |
| Please rate your impression of | f the robot on these | scales   |         |         |         |                       |
|                                | f the robot on these | e scales |         |         |         |                       |
|                                | f the robot on these | e scales | 3       | 4       | 5       |                       |
|                                |                      |          | 3       | 4       | 5       | Natural               |
| 2.1                            |                      |          |         | 4       | 5       | Natural               |
| 2.1                            |                      |          |         | 4       | 5       | Natural               |
| 2.1                            |                      |          | 3       | 4       | 5       | Natural               |
| 2.1                            | 1                    | 2        | •       | 0       | 0       | Natural<br>Human-like |
| 2.1 Fake                       | 1                    | 2        | 3       | 0       | 5       |                       |
| 2.1 Fake                       | 1                    | 2        | 3       | 0       | 5       |                       |

|                                | 1                   | 2        | 3 | 4 | 5 |                  |
|--------------------------------|---------------------|----------|---|---|---|------------------|
| Unconscious                    | 0                   | 0        | • | 0 | 0 | Conscious        |
|                                | 1                   | 2        | 3 | 4 | 5 |                  |
| Artificial                     | 0                   | 0        | 0 | • | 0 | Lifelike         |
|                                | 1                   | 2        | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                   | 0        | • | 0 | 0 | Moving elegantly |
|                                | 1                   | 2        | 3 | 4 | 5 |                  |
| Doesn't make sense             | 0                   | 0        | • | 0 | 0 | Makes sense      |
| Please rate your impression of | f the robot on thes | e scales |   |   |   |                  |
| 2.2                            |                     |          |   |   |   |                  |
|                                | 1                   | 2        | 3 | 4 | 5 |                  |
| Fake                           | 0                   | 0        | • | 0 | 0 | Natural          |
|                                | 1                   | 2        | 3 | 4 | 5 |                  |
| Machine-like                   | •                   | 0        | 0 | 0 | 0 | Human-like       |
|                                | 1                   | 2        | 3 | 4 | 5 |                  |
| Unconscious                    | 0                   | •        | 0 | 0 | 0 | Conscious        |
|                                |                     |          |   |   |   |                  |
|                                |                     |          |   |   |   |                  |

|                               | 1                     | 2      | 3 | 4 | 5 |                  |
|-------------------------------|-----------------------|--------|---|---|---|------------------|
| Artificial                    | 0                     | •      | 0 | 0 | 0 | Lifelike         |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                | 0                     | •      | 0 | 0 | 0 | Moving elegantly |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense            | •                     | 0      | 0 | 0 | 0 | Makes sense      |
| Please rate your impression o | of the robot on these | scales |   |   |   |                  |
| 2.3                           |                       |        |   |   |   |                  |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Fake                          | 0                     | 0      | 0 | • | 0 | Natural          |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Machine-like                  | 0                     | 0      | 0 | • | 0 | Human-like       |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Unconscious                   | 0                     | 0      | 0 | • | 0 | Conscious        |
|                               | 1                     | 2      | 3 | 4 | 5 |                  |
| Artificial                    | 0                     | 0      | • | 0 | 0 | Lifelike         |
|                               |                       |        |   |   |   |                  |
|                               |                       |        |   |   |   |                  |

|                                | 1                  | 2      | 3 | 4 | 5 |                  |
|--------------------------------|--------------------|--------|---|---|---|------------------|
| Moving rigidly                 | 0                  | 0      | • | 0 | 0 | Moving elegantly |
|                                |                    |        |   |   | _ |                  |
| Doesn't make sense             | 1                  | 2      | 3 | 4 | 5 | Makes sense      |
| Please rate your impression of | the robot on these | scales |   |   |   |                  |
| 3.1                            |                    |        |   |   |   |                  |
|                                |                    |        |   |   |   |                  |
|                                | 1                  | 2      | 3 | 4 | 5 |                  |
| Fake                           | 0                  | 0      |   | 0 | 0 | Natural          |
|                                |                    |        |   |   |   |                  |
|                                | 1                  | 2      | 3 | 4 | 5 |                  |
| Machine-like                   | 0                  | 0      | • | 0 | 0 | Human-like       |
|                                |                    |        |   |   |   |                  |
|                                | 1                  | 2      | 3 | 4 | 5 |                  |
| Unconscious                    | 0                  | 0      | 0 | • | 0 | Conscious        |
|                                |                    | _      | _ |   | _ |                  |
|                                | 1                  | 2      | 3 | 4 | 5 |                  |
| Artificial                     |                    | 0      | • | 0 | 0 | Lifelike         |
|                                | 1                  | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                  | 0      | • | 0 | 0 | Moving elegantly |
|                                |                    |        |   |   |   |                  |
|                                |                    |        |   |   |   |                  |

|  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
|--|-------------------------|--------|---------|----------|---|------------------|--|--|--|
| Doesn't make sense                                       |                         | 0      | 3<br>() | •        | 0 | Makes sense      |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
| Please rate your impression of the robot on these scales |                         |        |         |          |   |                  |  |  |  |
| 3.2  |                         |        |         |          |   |                  |  |  |  |
|  | 4                       | 0      | 2       |          | - |                  |  |  |  |
| - 1  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
| Fake   |                         |        |         | <b>.</b> |   | Natural          |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
|  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
| Machine-like   | 0                       | 0      |         | 0        | 0 | Human-like       |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
|  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
| Unconscious  | 0                       | 0      | 0       | •        | 0 | Conscious        |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
|  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
| Artificial   | 0                       | 0      | •       | 0        | 0 | Lifelike         |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
|  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
| Moving rigidly   | $\circ$                 | 0      | 0       | •        | 0 | Moving elegantly |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
|  | 1                       | 2      | 3       | 4        | 5 |                  |  |  |  |
| Doesn't make sense                                       |                         | 0      | 0       | •        | 0 | Makes sense      |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |
| Please rate your impression                              | of the robot on these s | scales |         |          |   |                  |  |  |  |
|  |                         |        |         |          |   |                  |  |  |  |

| 3.3                |   |   |             |   |   |                  |
|--------------------|---|---|-------------|---|---|------------------|
| Fake               | 1 | 2 | 3           | 4 | 5 | Natural          |
| Machine-like       | 1 | 2 | 3           | 4 | 5 | Human-like       |
| Unconscious        | 1 | 2 | 3           | 4 | 5 | Conscious        |
| Artificial         | 1 | 2 | 3           | 4 | 5 | Lifelike         |
| Moving rigidly     | 1 | 2 | 3           | 4 | 5 | Moving elegantly |
| Doesn't make sense | 1 | 2 | 3           | 4 | 5 | Makes sense      |
|                    |   |   | oogle Forms |   |   |                  |
|                    |   |   |             |   |   |                  |
|                    |   |   |             |   |   |                  |

| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |  |   |   |   |   |                  |  |  |  |
|---|--|---|---|---|---|------------------|--|--|--|
| Participant number *  |  |   |   |   |   |                  |  |  |  |
| 1.1   |  |   |   |   |   |                  |  |  |  |
| Fake  | 1  | 2 | 3 | 4 | 5 | Natural          |  |  |  |
| Machine-like  | 1  | 2 | 3 | 4 | 5 | Human-like       |  |  |  |
| Unconscious   | 1  | 2 | 3 | 4 | 5 | Conscious        |  |  |  |
| Artificial  | 1  | 2 | 3 | 4 | 5 | Lifelike         |  |  |  |
| Moving rigidly  | 1  | 2 | 3 | 4 | 5 | Moving elegantly |  |  |  |
| Doesn't make sense  | 1  | 2 | 3 | 4 | 5 | Makes sense      |  |  |  |
| Please rate your impression o   | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |

| Natural          |
|------------------|
|                  |
| Human-like       |
|                  |
| Conscious        |
|                  |
| Lifelike         |
|                  |
| Moving elegantly |
|                  |
| Makes sense      |
|                  |
|                  |
|                  |
| Natural          |
|                  |

|                                | 1                    | 2       | 3        | 4       | 5       |                       |
|--------------------------------|----------------------|---------|----------|---------|---------|-----------------------|
| Machine-like                   | 0                    | •       | 0        | 0       | 0       | Human-like            |
|                                |                      |         |          |         |         |                       |
|                                | 1                    | 2       | 3        | 4       | 5       |                       |
| Unconscious                    | $\circ$              | •       | 0        | 0       | $\circ$ | Conscious             |
|                                |                      |         |          |         |         |                       |
|                                |                      |         |          |         |         |                       |
|                                | 1                    | 2       | 3        | 4       | 5       |                       |
| Artificial                     | O                    | O       | •        | O       | O       | Lifelike              |
|                                |                      |         |          |         |         |                       |
|                                | 1                    | 2       | 3        | 4       | 5       |                       |
| Moving rigidly                 | 0                    | $\circ$ | <b>O</b> | $\circ$ | $\circ$ | Moving elegantly      |
|                                |                      |         |          |         |         |                       |
|                                |                      |         |          |         |         |                       |
|                                | 1                    | 2       | 3        | 4       | 5       |                       |
| Doesn't make sense             | O                    | O       | •        | O       | O       | Makes sense           |
| Please rate your impression of | f the robot on these | scales  |          |         |         |                       |
| •                              |                      |         |          |         |         |                       |
| 2.1                            |                      |         |          |         |         |                       |
|                                |                      |         |          |         |         |                       |
|                                | 1                    | 2       | 3        | 4       | 5       |                       |
|                                | •                    | 2       | 0        | •       |         |                       |
| Fake                           | 0                    | 0       | •        | 0       | 0       | Natural               |
| Fake                           | 0                    | 0       |          | 0       | 0       | Natural               |
| Fake                           | 0                    | 0       | •        | 0       | 0       | Natural               |
|                                | 1                    | 2 2     | 3        | 4       | 5       |                       |
| Fake  Machine-like             | 0                    | 0       | •        | 0       | 0       | Natural<br>Human-like |
|                                | 0                    | 0       | 3        | 4       | 0       |                       |
|                                | 0                    | 0       | 3        | 4       | 0       |                       |

|                                | 1                    | 2      | 3 | 4 | 5 |                  |
|--------------------------------|----------------------|--------|---|---|---|------------------|
| Unconscious                    | 0                    | 0      | • | 0 | 0 | Conscious        |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                     | 0                    | 0      | 0 | • | 0 | Lifelike         |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                    | 0      | 0 | 0 | • | Moving elegantly |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense             | 0                    | 0      | 0 | • | 0 | Makes sense      |
| Please rate your impression of | f the robot on these | scales |   |   |   |                  |
| 2.2                            |                      |        |   |   |   |                  |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                           | 0                    | •      | 0 | 0 | 0 | Natural          |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                   | 0                    | •      | 0 | 0 | 0 | Human-like       |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                    | 0                    | 0      | • | 0 | 0 | Conscious        |
|                                |                      |        |   |   |   |                  |
|                                |                      |        |   |   |   |                  |

|                               | 1                     | 2       | 3 | 4 | 5 |                  |
|-------------------------------|-----------------------|---------|---|---|---|------------------|
| Artificial                    | 0                     | 0       | • | 0 | 0 | Lifelike         |
|                               |                       |         |   |   |   |                  |
|                               | 1                     | 2       | 3 | 4 | 5 |                  |
| Moving rigidly                | 0                     | 0       | • | 0 | 0 | Moving elegantly |
|                               |                       |         |   |   |   |                  |
|                               | 1                     | 2       | 3 | 4 | 5 |                  |
| Doesn't make sense            | 0                     | 0       | • | 0 | 0 | Makes sense      |
| Please rate your impression o | of the robot on these | scales  |   |   |   |                  |
|                               |                       |         |   |   |   |                  |
| 2.3                           |                       |         |   |   |   |                  |
|                               |                       |         |   |   |   |                  |
|                               | 1                     | 2       | 3 | 4 | 5 |                  |
| Fake                          | 0                     | 0       | • | 0 | 0 | Natural          |
|                               |                       |         |   |   |   |                  |
|                               | 1                     | 2       | 3 | 4 | 5 |                  |
| Machine-like                  | 0                     | 0       | • | 0 | 0 | Human-like       |
|                               |                       |         |   |   |   |                  |
|                               | 1                     | 2       | 3 | 4 | 5 |                  |
| Unconscious                   | $\circ$               | $\circ$ | • | 0 | 0 | Conscious        |
|                               |                       |         |   |   |   |                  |
|                               | 1                     | 2       | 3 | 4 | 5 |                  |
| Artificial                    | 0                     | 0       | 0 | • | 0 | Lifelike         |
|                               |                       |         |   |   |   |                  |
|                               |                       |         |   |   |   |                  |
|                               |                       |         |   |   |   |                  |

|  | 1   | 2       | 3 | 4 | 5 |                  |  |  |  |
|--|-----|---------|---|---|---|------------------|--|--|--|
| Moving rigidly   | 0   | 0       | 0 | • | 0 | Moving elegantly |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |
|  | 1   | 2       | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | . 0 | 0       | • | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |     |         |   |   |   |                  |  |  |  |
| 3.1  |     |         |   |   |   |                  |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |
| Fake   | 1   | 2       | 3 | 4 | 5 | Natural          |  |  |  |
| 1 are  |     |         |   |   |   | Ivaturai         |  |  |  |
|  | 1   | 2       | 2 | 4 | 5 |                  |  |  |  |
| Machine-like   | 1   | 2       | 3 | 4 | 0 | Human-like       |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |
|  | 1   | 2       | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | 0   | $\circ$ | • | 0 | 0 | Conscious        |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |
|  | 1   | 2       | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0   | 0       | • | 0 | 0 | Lifelike         |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |
|  | 1   | 2       | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0   | 0       | 0 | • | 0 | Moving elegantly |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |
|  |     |         |   |   |   |                  |  |  |  |

|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
|--|---|---|---|---|---|------------------|--|--|--|
| Doesn't make sense                                       | 0 | • | 0 | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |  |
| 3.2  |   |   |   |   |   |                  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake   | 0 | 0 | 0 | • | 0 | Natural          |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0 | 0 | • | 0 | 0 | Human-like       |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | 0 | 0 | • | 0 | 0 | Conscious        |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0 | 0 | 0 | • | 0 | Lifelike         |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0 | 0 | 0 | 0 | • | Moving elegantly |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0 | 0 | • | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |  |
|  |   |   |   |   |   |                  |  |  |  |

| 3.3                |   |   |   |   |   |                  |  |  |  |
|--------------------|---|---|---|---|---|------------------|--|--|--|
| Fake               | 1   | 2 | 3 | 4 | 5 | Natural          |  |  |  |
| Machine-like       | 1   | 2 | 3 | 4 | 5 | Human-like       |  |  |  |
| Unconscious        | 1   | 2 | 3 | 4 | 5 | Conscious        |  |  |  |
| Artificial         | 1   | 2 | 3 | 4 | 5 | Lifelike         |  |  |  |
| Moving rigidly     | 1   | 2 | 3 | 4 | 5 | Moving elegantly |  |  |  |
| Doesn't make sense | 1   | 2 | 3 | 4 | 5 | Makes sense      |  |  |  |
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|                    |   |   |   |   |   |                  |  |  |  |
|                    |   |   |   |   |   |                  |  |  |  |

| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |  |   |   |   |   |                  |  |  |  |
|---|--|---|---|---|---|------------------|--|--|--|
| Participant number *  |  |   |   |   |   |                  |  |  |  |
| 1.1   |  |   |   |   |   |                  |  |  |  |
| Fake  | 1  | 2 | 3 | 4 | 5 | Natural          |  |  |  |
| Machine-like  | 1  | 2 | 3 | 4 | 5 | Human-like       |  |  |  |
| Unconscious   | 1  | 2 | 3 | 4 | 5 | Conscious        |  |  |  |
| Artificial  | 1  | 2 | 3 | 4 | 5 | Lifelike         |  |  |  |
| Moving rigidly  | 1  | 2 | 3 | 4 | 5 | Moving elegantly |  |  |  |
| Doesn't make sense  | 1  | 2 | 3 | 4 | 5 | Makes sense      |  |  |  |
| Please rate your impression o   | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |

| 1.2  |   |   |   |   |   |                  |  |  |
|--|---|---|---|---|---|------------------|--|--|
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Fake   | • | 0 | 0 | 0 | 0 | Natural          |  |  |
|  |   |   |   |   |   |                  |  |  |
| Machine-like   | 1 | 2 | 3 | 4 | 5 | Human-like       |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Unconscious  | • | 0 | 0 | 0 | 0 | Conscious        |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Artificial   | • | 0 | 0 | 0 | 0 | Lifelike         |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Moving rigidly   | • | 0 | 0 | 0 | 0 | Moving elegantly |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Doesn't make sens  | е | 0 | 0 | 0 | 0 | Makes sense      |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |
| 1.3  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Fake   | 0 | • | 0 | 0 | 0 | Natural          |  |  |
|  |   |   |   |   |   |                  |  |  |

|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
|--------------------------------|--------------------|---------|---------|---------------------|---------|------------------|
| Machine-like                   | •                  | O       | O       | O                   | O       | Human-like       |
|                                |                    |         |         |                     |         |                  |
|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
| Unconscious                    | $\circ$            | •       | $\circ$ | $\circ$             | $\circ$ | Conscious        |
|                                |                    |         |         |                     |         |                  |
|                                |                    |         |         |                     |         |                  |
|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
| Artificial                     | •                  | O       | O       | O                   | 0       | Lifelike         |
|                                |                    |         |         |                     |         |                  |
|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
| Moving rigidly                 | $\circ$            | •       | $\circ$ | $\circ$             | $\circ$ | Moving elegantly |
|                                |                    |         |         |                     |         |                  |
|                                |                    |         |         |                     |         |                  |
|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
| Doesn't make sense             | 0                  | 0       |         | 0                   | 0       | Makes sense      |
|                                |                    |         |         |                     |         |                  |
| Please rate your impression of | the robot on these | scales  |         |                     |         |                  |
| 2.1                            |                    |         |         |                     |         |                  |
|                                |                    |         |         |                     |         |                  |
|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
| Felix                          |                    | <u></u> | 0       | <ul><li>•</li></ul> | 0       | Network          |
| Fake                           |                    |         |         |                     |         | Natural          |
|                                |                    |         |         |                     |         |                  |
|                                | 1                  | 2       | 3       | 4                   | 5       |                  |
| Machine-like                   | $\circ$            | $\circ$ | •       | $\circ$             | $\circ$ | Human-like       |
|                                |                    |         |         |                     |         |                  |
|                                |                    |         |         |                     |         |                  |
|                                |                    |         |         |                     |         |                  |

|                                | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
|--------------------------------|---------------------|--|----------|---|-----|-----------------------|--|--|--|
| Unconscious                    | 0                   | 0  | <u> </u> | 0 | 0   | Conscious             |  |  |  |
| Onconsolodo                    |                     |  |          |   |     | Salissias             |  |  |  |
|                                |                     |  |          |   |     |                       |  |  |  |
|                                | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
| Artificial                     | O                   | O  | •        | O | O   | Lifelike              |  |  |  |
|                                |                     |  |          |   |     |                       |  |  |  |
|                                | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
| Moving rigidly                 | 0                   | 0  | •        | 0 | 0   | Moving elegantly      |  |  |  |
|                                |                     |  |          |   |     |                       |  |  |  |
|                                | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
| Doesn't make sense             | 0                   | $\circ$                                    | •        | 0 | 0   | Makes sense           |  |  |  |
|                                |                     |  |          |   |     |                       |  |  |  |
| Please rate your impression of | f the robot on thes | e scales                                   |          |   |     |                       |  |  |  |
|                                |                     |  |          |   |     |                       |  |  |  |
| 2.2                            |                     |  |          |   |     |                       |  |  |  |
| 2.2                            |                     |  |          |   |     |                       |  |  |  |
| 2.2                            | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
| 2.2                            | 1                   | 2  | 3        | 4 | 5   | Natural               |  |  |  |
|                                |                     | 2  | 3        | 4 | 5   | Natural               |  |  |  |
|                                | •                   | 0  | 0        | 4 | 0   | Natural               |  |  |  |
|                                |                     | 2<br>• • • • • • • • • • • • • • • • • • • | 3<br>O   | 0 | 5 0 | Natural<br>Human-like |  |  |  |
| Fake                           | 1                   | 0  | 0        | 0 | 0   |                       |  |  |  |
| Fake                           | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
| Fake  Machine-like             | 1                   | 2<br>•                                     | 3        | 0 | 5 5 | Human-like            |  |  |  |
| Fake                           | 1                   | 2  | 3        | 4 | 5   |                       |  |  |  |
| Fake  Machine-like             | 1                   | 2<br>•                                     | 3        | 4 | 5 5 | Human-like            |  |  |  |

|                               | 1                     | 2      | 3 | 4 | 5       |                  |
|-------------------------------|-----------------------|--------|---|---|---------|------------------|
| Artificial                    | •                     | 0      | 0 | 0 | 0       | Lifelike         |
|                               |                       | _      | _ |   | _       |                  |
| Moving rigidly                | 1                     | 2      | 3 | 4 | 5       | Moving elegantly |
|                               | 1                     | 2      | 3 | 4 | 5       |                  |
| Doesn't make sense            | •                     | 0      | 0 | 0 | $\circ$ | Makes sense      |
| Please rate your impression o | of the robot on these | scales |   |   |         |                  |
| 2.3                           |                       |        |   |   |         |                  |
|                               | 1                     | 2      | 3 | 4 | 5       |                  |
| Fake                          | 0                     | 0      | • | 0 | 0       | Natural          |
|                               |                       |        |   |   |         |                  |
| Machine-like                  | 1                     | 2      | 3 | 4 | 5       | Human-like       |
|                               |                       |        |   |   |         |                  |
| Unconscious                   | 1                     | 2      | 3 | 4 | 5       | Conscious        |
|                               | -                     |        | • |   | _       |                  |
| Artificial                    | 1                     | 2      | 3 | 4 | 5       | Lifelike         |
|                               |                       |        |   |   |         |                  |
|                               |                       |        |   |   |         |                  |

|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
|--|---|---|---|---|---|------------------|--|--|
| Moving rigidly   | • | 0 | 0 | 0 | 0 | Moving elegantly |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Doesn't make sense                                       | 0 | • | 0 | 0 | 0 | Makes sense      |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |
| 3.1  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Fake   | 0 | 0 | 0 | • | 0 | Natural          |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Machine-like   | 0 | 0 | • | 0 | 0 | Human-like       |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Unconscious  | 0 | 0 | • | 0 | 0 | Conscious        |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Artificial   | 0 | 0 | • | 0 | 0 | Lifelike         |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Moving rigidly   | 0 | 0 | 0 | • | 0 | Moving elegantly |  |  |
|  |   |   |   |   |   |                  |  |  |
|  |   |   |   |   |   |                  |  |  |

|  |  |   | 2 | , | _ |                  |  |  |  |
|--|--|---|---|---|---|------------------|--|--|--|
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0  | O |   |   | O | Makes sense      |  |  |  |
| Please rate your impression of the robot on these scales |  |   |   |   |   |                  |  |  |  |
| 3.2  |  |   |   |   |   |                  |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Fake   | 0  | 0 | 0 | • | 0 | Natural          |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0  | 0 | • | 0 | 0 | Human-like       |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | 0  | • | 0 | 0 | 0 | Conscious        |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0  | • | 0 | 0 | 0 | Lifelike         |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | 0  | 0 | • | 0 | 0 | Moving elegantly |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |
|  | 1  | 2 | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | 0  | 0 | 0 | • | 0 | Makes sense      |  |  |  |
| Please rate your impression of                           | Please rate your impression of the robot on these scales |   |   |   |   |                  |  |  |  |
|  |  |   |   |   |   |                  |  |  |  |

| 3.3                |   |   |                        |   |   |                  |  |
|--------------------|---|---|------------------------|---|---|------------------|--|
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Fake               | 0 | • | 0                      | 0 | 0 | Natural          |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Machine-like       | • | 0 | 0                      | 0 | 0 | Human-like       |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Unconscious        | 0 | • | 0                      | 0 | 0 | Conscious        |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Artificial         | 0 | • | 0                      | 0 | 0 | Lifelike         |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Moving rigidly     | 0 | • | 0                      | 0 | 0 | Moving elegantly |  |
|                    | 1 | 2 | 3                      | 4 | 5 |                  |  |
| Doesn't make sense | • | 0 | 0                      | 0 | 0 | Makes sense      |  |
|                    |   |   | ither created nor endo |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |
|                    |   |   |                        |   |   |                  |  |

| Human-Likeness of robotic arm with postrual synergies  Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |
|---|---|---|---|---|---|------------------|--|
| Participant number *  |   |   |   |   |   |                  |  |
| 1.1   |   |   |   |   |   |                  |  |
| Fake  | 1 | 2 | 3 | 4 | 5 | Natural          |  |
| Machine-like  | 1 | 2 | 3 | 4 | 5 | Human-like       |  |
| Unconscious   | 1 | 2 | 3 | 4 | 5 | Conscious        |  |
| Artificial  | 1 | 2 | 3 | 4 | 5 | Lifelike         |  |
| Moving rigidly  | 1 | 2 | 3 | 4 | 5 | Moving elegantly |  |
| Doesn't make sense  | 1 | 2 | 3 | 4 | 5 | Makes sense      |  |
| Please rate your impression of the robot on these scales  |   |   |   |   |   |                  |  |

| 1.2                           |                      |        |   |   |   |                  |
|-------------------------------|----------------------|--------|---|---|---|------------------|
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                          | 0                    | •      | 0 | 0 | 0 | Natural          |
|                               |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                  | 0                    | 0      | • | 0 | 0 | Human-like       |
|                               |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                   | 0                    | 0      | • | 0 | 0 | Conscious        |
|                               |                      | 2      |   | , | _ |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                    | 0                    | 0      | O | • | 0 | Lifelike         |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                | 0                    | 0      | 0 | • | 0 | Moving elegantly |
|                               |                      |        |   |   |   |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense            | O                    | 0      | 0 | • | 0 | Makes sense      |
| Please rate your impression o | f the robot on these | scales |   |   |   |                  |
| 1.3                           |                      |        |   |   |   |                  |
|                               |                      |        | _ |   | _ |                  |
|                               | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                          | O                    | O      | • | O | O | Natural          |
|                               |                      |        |   |   |   |                  |

|                                | 1                  | 2       | 3                                       | 4       | 5       |                       |
|--------------------------------|--------------------|---------|---|---------|---------|-----------------------|
| Machine-like                   | O                  | O       | •                                       | O       | O       | Human-like            |
|                                |                    |         |   |         |         |                       |
|                                | 1                  | 2       | 3                                       | 4       | 5       |                       |
| Unconscious                    | $\circ$            | $\circ$ |   | $\circ$ | $\circ$ | Conscious             |
|                                |                    |         |   |         |         |                       |
|                                |                    |         |   |         |         |                       |
|                                | 1                  | 2       | 3                                       | 4       | 5       |                       |
| Artificial                     | 0                  |         | 0                                       | 0       | 0       | Lifelike              |
|                                |                    |         |   |         |         |                       |
|                                | 1                  | 2       | 3                                       | 4       | 5       |                       |
| Moving rigidly                 | 0                  | 0       | •                                       | 0       | $\circ$ | Moving elegantly      |
|                                |                    |         |   |         |         | eg elegantly          |
|                                |                    |         |   |         |         |                       |
|                                | 1                  | 2       | 3                                       | 4       | 5       |                       |
| Doesn't make sense             | $\circ$            | $\circ$ |   | 0       | $\circ$ | Makes sense           |
| >                              |                    |         |   |         |         |                       |
| Please rate your impression of | the robot on these | scales  |   |         |         |                       |
| 2.1                            |                    |         |   |         |         |                       |
|                                |                    |         |   |         |         |                       |
|                                |                    |         |   |         |         |                       |
|                                |                    | ·       |   |         |         |                       |
|                                | 1                  | 2       | 3                                       | 4       | 5       |                       |
| Fake                           | 1                  | 2       | 3                                       | 4       | 5       | Natural               |
| Fake                           | 1                  | 2       | 3                                       |         | 5       | Natural               |
| Fake                           | 1                  | 2       | 3 • • • • • • • • • • • • • • • • • • • |         | 5       | Natural               |
| Fake<br>Machine-like           | 0                  | 0       | 0                                       | •       | 0       | Natural<br>Human-like |
|                                | 0                  | 0       | 3                                       | 4       | 0       |                       |
|                                | 0                  | 0       | 3                                       | 4       | 0       |                       |

|                                | 1                    | 2      | 3 | 4 | 5 |                  |
|--------------------------------|----------------------|--------|---|---|---|------------------|
| Unconscious                    | 0                    | 0      | 0 | • | 0 | Conscious        |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Artificial                     | 0                    | 0      | • | 0 | 0 | Lifelike         |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Moving rigidly                 | 0                    | 0      | • | 0 | 0 | Moving elegantly |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Doesn't make sense             | 0                    | 0      | 0 | • | 0 | Makes sense      |
| Please rate your impression of | f the robot on these | scales |   |   |   |                  |
| 2.2                            |                      |        |   |   |   |                  |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Fake                           | 0                    | •      | 0 | 0 | 0 | Natural          |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Machine-like                   | 0                    | •      | 0 | 0 | 0 | Human-like       |
|                                | 1                    | 2      | 3 | 4 | 5 |                  |
| Unconscious                    | •                    | 0      | 0 | 0 | 0 | Conscious        |
|                                |                      |        |   |   |   |                  |
|                                |                      |        |   |   |   |                  |

| A vic. i I                    | 1                     | 2       | 3 | 4       | 5       | 176.19           |
|-------------------------------|-----------------------|---------|---|---------|---------|------------------|
| Artificial                    |                       | O       | 0 | O       | O       | Lifelike         |
|                               |                       |         |   |         |         |                  |
|                               | 1                     | 2       | 3 | 4       | 5       |                  |
| Moving rigidly                | 0                     | $\circ$ | 0 | •       | $\circ$ | Moving elegantly |
|                               |                       |         |   |         |         |                  |
|                               | 1                     | 2       | 3 | 4       | 5       |                  |
| Doesn't make sense            | •                     | $\circ$ | 0 | $\circ$ | $\circ$ | Makes sense      |
| <u> </u>                      |                       |         |   |         |         |                  |
| Please rate your impression o | of the robot on these | scales  |   |         |         |                  |
| 2.3                           |                       |         |   |         |         |                  |
| 2.3                           |                       |         |   |         |         |                  |
|                               |                       | _       |   |         | _       |                  |
|                               | 1                     | 2       | 3 | 4       | 5       |                  |
| Fake                          | O                     | O       | • | O       | O       | Natural          |
|                               |                       |         |   |         |         |                  |
|                               | 1                     | 2       | 3 | 4       | 5       |                  |
| Machine-like                  | $\circ$               |         | 0 | $\circ$ | $\circ$ | Human-like       |
|                               |                       |         |   |         |         |                  |
|                               | 1                     | 2       | 3 | 4       | 5       |                  |
| Unconscious                   | $\circ$               | $\circ$ | 0 |         | 0       | Conscious        |
|                               |                       |         |   |         |         |                  |
|                               |                       |         |   |         |         |                  |
|                               | 1                     | 2       | 3 | 4       | 5       |                  |
| Artificial                    | O                     | O       | • | O       | O       | Lifelike         |
|                               |                       |         |   |         |         |                  |
|                               |                       |         |   |         |         |                  |
|                               |                       |         |   |         |         |                  |

|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
|--|---|---|---|---|---|------------------|--|--|
| Moving rigidly   | 0 | 0 | 0 | • | 0 | Moving elegantly |  |  |
|  |   |   |   |   | _ |                  |  |  |
| Doesn't make sense                                       | 1 | 2 | 3 | 4 | 5 | Makes sense      |  |  |
| Please rate your impression of the robot on these scales |   |   |   |   |   |                  |  |  |
| 3.1  |   |   |   |   |   |                  |  |  |
|  |   |   |   |   |   |                  |  |  |
| Fake   | 1 | 2 | 3 | 4 | 5 | Natural          |  |  |
| I and  |   |   |   |   |   | ivaturai         |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Machine-like   | 0 | • | 0 | 0 | 0 | Human-like       |  |  |
|  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Unconscious  | O | O | 0 | O | • | Conscious        |  |  |
|  |   |   |   |   |   |                  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |                  |  |  |
| Artificial   | 0 | 0 |   | • | 0 | Lifelike         |  |  |
|  | 4 | 2 | 0 |   | - |                  |  |  |
| Moving rigidly   | 1 | 2 | 3 | 4 | 5 | Moving elegantly |  |  |
|  |   |   |   |   |   |                  |  |  |
|  |   |   |   |   |   |                  |  |  |

|  | 1                    | 0      | 2 | 4 | F |                  |  |  |  |
|--|----------------------|--------|---|---|---|------------------|--|--|--|
| Doesn't make sense                                       | 1                    | 2      | 3 | 4 | 5 | Makes sense      |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |
| Please rate your impression of the robot on these scales |                      |        |   |   |   |                  |  |  |  |
| 3.2  |                      |        |   |   |   |                  |  |  |  |
|  | 1                    | 2      | 2 | 4 | - |                  |  |  |  |
|  | 1                    | 2      | 3 | 4 | 5 | N I              |  |  |  |
| Fake   |                      |        |   |   |   | Natural          |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |  |
| Machine-like   | 0                    | 0      | • | 0 | 0 | Human-like       |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |  |
| Unconscious  | 0                    | •      | 0 | 0 | 0 | Conscious        |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |  |
| Artificial   | 0                    | •      | 0 | 0 | 0 | Lifelike         |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |  |
| Moving rigidly   | O                    | O      | • | 0 | O | Moving elegantly |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |
|  | 1                    | 2      | 3 | 4 | 5 |                  |  |  |  |
| Doesn't make sense                                       | •                    | 0      | 0 | 0 | 0 | Makes sense      |  |  |  |
| Please rate your impression of                           | the robot on these s | scales |   |   |   |                  |  |  |  |
|  |                      |        |   |   |   |                  |  |  |  |

| 3.3                |   |   |                       |   |   |                    |
|--------------------|---|---|-----------------------|---|---|--------------------|
|                    | 1 | 2 | 3                     | 4 | 5 |                    |
| Fake               | 0 | • | 0                     | 0 | 0 | Natural            |
|                    |   |   |                       |   |   |                    |
|                    | 1 | 2 | 3                     | 4 | 5 |                    |
| Machine-like       | 0 | • | 0                     | 0 | 0 | Human-like         |
|                    |   |   |                       |   |   |                    |
| Unconscious        | 1 | 2 | 3                     | 4 | 5 | Conscious          |
|                    |   |   |                       |   |   |                    |
|                    | 1 | 2 | 3                     | 4 | 5 |                    |
| Artificial         | 0 | • | 0                     | 0 | 0 | Lifelike           |
|                    |   |   |                       |   |   |                    |
| Moving rigidly     | 1 | 2 | 3                     | 4 | 5 | Moving elegantly   |
| org rigidiy        |   |   | -                     |   |   | morning elegantity |
|                    | 1 | 2 | 3                     | 4 | 5 |                    |
| Doesn't make sense | 0 | • | 0                     | 0 | 0 | Makes sense        |
|                    |   |   | ther created nor endo |   |   |                    |
|                    |   | G | oogle Forms           | 5 |   |                    |
|                    |   |   |                       |   |   |                    |
|                    |   |   |                       |   |   |                    |
|                    |   |   |                       |   |   |                    |
|                    |   |   |                       |   |   |                    |