

Robot Incentives Scale

Instructions: Please answer the following questions about this robot.

1. I like this robot

0	1	2	3	4	5	6	7	8	9	10
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2. I would enjoy interacting with this robot

0	1	2	3	4	5	6	7	8	9	10
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3. I would be happy to talk to this robot

0	1	2	3	4	5	6	7	8	9	10
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4. I would like to have this robot around me

0	1	2	3	4	5	6	7	8	9	10
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5. This robot is entertaining

0	1	2	3	4	5	6	7	8	9	10
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6. I would open up easily to this robot

0	1	2	3	4	5	6	7	8	9	10
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7. I would talk to this robot about anything

0	1	2	3	4	5	6	7	8	9	10
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8. I would talk to this robot about things I could not talk about to my family or friends.

0	1	2	3	4	5	6	7	8	9	10
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9. This robot would be able to help solve problems

0	1	2	3	4	5	6	7	8	9	10
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10. This robot would be useful for me to have in my life

0	1	2	3	4	5	6	7	8	9	10
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11. This robot would be able to provide me with the things that I want from a robot

0	1	2	3	4	5	6	7	8	9	10
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12. This robot would provide reliable assistance to me

0	1	2	3	4	5	6	7	8	9	10
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Scoring: Subscale scores are calculated across subscale items: 'Emotion' subscale - Q1, 2, 3, 4, 5. 'Utility' subscale – Q9, 10, 11, 12. 'Social' subscale - Q6, 7, 8.

Robot Self-Efficacy Scale

Instructions: Please answer the following questions about this robot.

How confident are you, that you can do the following with this robot:

1. Use this robot

0	1	2	3	4	5	6	7	8	9	10
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2. Control this robot

0	1	2	3	4	5	6	7	8	9	10
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3. Understand what this robot is saying

0	1	2	3	4	5	6	7	8	9	10
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4. Work with this robot to solve a problem

0	1	2	3	4	5	6	7	8	9	10
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5. Work out what to do by talking to this robot

0	1	2	3	4	5	6	7	8	9	10
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6. Get this robot to do something for me

0	1	2	3	4	5	6	7	8	9	10
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7. Get this robot to help me with something

0	1	2	3	4	5	6	7	8	9	10
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8. Make sure this robot does the task I set it

0	1	2	3	4	5	6	7	8	9	10
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9. Learn what to do with this robot

0	1	2	3	4	5	6	7	8	9	10
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10. Work out what to do if this robot isn't doing what I want it to

0	1	2	3	4	5	6	7	8	9	10
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11. Communicate clearly with this robot

0	1	2	3	4	5	6	7	8	9	10
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Scoring: Subscale scores are calculated across subscale items: 'Operation subscale - Q1, 2, 3, 9, 10, 11. 'Application' subscale – Q4, 5, 6, 7, 8.

Robot Usage Intention Scale

Instructions: Please answer the following questions about this robot.

If this robot were readily available...

1. I would interact with this robot often

0	1	2	3	4	5	6	7	8	9	10
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2. I would ask this robot for assistance

0	1	2	3	4	5	6	7	8	9	10
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3. Work I would spend time with this robot

0	1	2	3	4	5	6	7	8	9	10
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4. I would ask this robot to help me with a task on a regular basis

0	1	2	3	4	5	6	7	8	9	10
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5. I would interact with this robot for a long time

0	1	2	3	4	5	6	7	8	9	10
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Scoring: Total score is calculated across all items.

Subscale scores for Robot Incentives and Robot Self-Efficacy are predictive of Robot Usage Intention.

To use these scales in academic research, please cite: N. L. Robinson, J. Connolly, G. M. Johnson, Y. Kim, L. Hides, and D. J. Kavanagh, "Measures of incentives and confidence in using a social robot," *Science Robotics*, vol. 3, no. 21, p. eaat6963, 2018, doi: 10.1126/scirobotics.aat6963.