Attachment D: Robot Experience Questionnaire

ROBOT EXPERIENCE QUESTIONNAIRE

1. Prior experience with robots

    a. Have you had any prior experience with robots?   YES | NO

If you answered 'No' to the previous question, skip the following 3 questions and go to Q2.

    b. Which of the following types of robots do/did you use or interact with? Check all that apply.

        ☐ Assistive or service robots, such as those in domestic or public settings
        ☐ Traditional industrial robots, such as those that work in robotic cells and cages away from humans
        ☐ Collaborative robots, that physically interact with humans in industrial settings
        ☐ Mobile robots or autonomous ground vehicles
        ☐ Aerial robots or drones
        ☐ Wearable robots or exoskeletons
        ☐ Other: _____

    c. How long have you used or worked with the technology that you selected above? _____ hours/weeks/months/years

    d. How often have/had you worked in direct interaction or within a shared work area with the selected robot(s)?
        ☐ Never
        ☐ Hardly ever
        ☐ Occasionally
        ☐ Quite often
        ☐ Frequently
        ☐ Nearly all the time

2. The following questions will ask about your attitudes towards robots in general. Please indicate to what extent you agree or disagree with each of the following statements on a 5-point scale:

    1) I would feel uneasy if robots really had emotions.
       (I strongly disagree) 1---2---3---4---5 (I strongly agree)

    2) Something bad might happen if robots developed into living beings.
       (I strongly disagree) 1---2---3---4---5 (I strongly agree)

3) I would feel relaxed talking with robots.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

4) I would feel uneasy if I was given a job where I had to use robots.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

5) If robots had emotions, I would be able to make friends with them.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

6) I feel comforted being with robots that have emotions.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

7) The word "robot" means nothing to me.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

8) I would feel nervous operating a robot in front of other people.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

9) I would hate the idea that robots or artificial intelligences were making judgments about things.
   (I strongly disagree) 1---2---3---4---5 (I strongly agree)

10) I would feel very nervous just standing in front of a robot.
    (I strongly disagree) 1---2---3---4---5 (I strongly agree)

11) I feel that if I depend on robots too much, something bad might happen.
    (I strongly disagree) 1---2---3---4---5 (I strongly agree)

12) I would feel paranoid talking with a robot.
    (I strongly disagree) 1---2---3---4---5 (I strongly agree)

13) I am concerned that robots would be a bad influence on children.
    (I strongly disagree) 1---2---3---4---5 (I strongly agree)

14) I feel that in the future society will be dominated by robots.
    (I strongly disagree) 1---2---3---4---5 (I strongly agree)

Nomura, T., Suzuki, T., Kanda, T., & Kato, K. (2006). Measurement of negative attitudes toward robots. *Interaction Studies. Social Behaviour and Communication in Biological and Artificial Systems Interaction Studies,* 7(3), 437–454. https://doi.org/10.**1075**/is.7.3.14nom