**NARS [1] -** a five-point scale: 1) strongly disagree; 2) disagree; 3) undecided; 4) agree; 5) strongly agree

|  |  |  |
| --- | --- | --- |
| 1 | I would feel uneasy if drones really had feelings. | S2 |
| 2 | Something bad might happen if drones developed into living beings. | S2 |
| 3 | I would feel relaxed talking with a drone.∗ | S3 |
| 4 | I would feel uneasy if I was given a job where I had to use drones. | S1 |
| 5 | If drones had feelings, I would be able to make friends with them. | S3 |
| 6 | I feel comforted being with drones that have emotions.\* | S3 |
| 7 | The word “drone” means nothing to me. | S1 |
| 8 | I would feel nervous operating a drone in front of other people. | S1 |
| 9 | I would hate the idea that drones or artificial intelligences were making judgements about things. | S1 |
| 10 | I would feel very nervous just standing with a drone around. | S1 |
| 11 | I feel that if I depend on a drone too much, something bad might happen. | S2 |
| 12 | I would feel paranoid talking with a drone. | S1 |
| 13 | I am concerned that drones would be a bad influence on children. | S2 |
| 14 | I feel that int the future society will be dominated by drones. | S2 |

**Index Subscales**

S1 Negative attitude toward situations of interaction with drones

S2 Negative attitude toward social influence of drones

S3 Negative attitude toward emotions in interaction with drones

**RAS [2] -** a score on six–point scale (1: I do not feel anxiety at all, 2: I hardly feel any anxiety, 3: I do not feel much anxiety, 4: I feel a little anxiety, 5: I feel much anxiety, 6: I feel anxiety very strongly).

|  |  |  |
| --- | --- | --- |
| 1 | Drones may talk about something irrelevant during conversation | S1 |
| 2 | Conversation with drones may be inflexible | S1 |
| 3 | Drones may be unable to understand complex stories | S1 |
| 4 | How drones will act | S2 |
| 5 | What drones will do. | S2 |
| 6 | What power drones will have. | S2 |
| 7 | What speed drones will move at. | S2 |
| 8 | How I should talk with drones. | S3 |
| 9 | How I should reply to drones when they talk to me. | S3 |
| 10 | Whether drones understand the contents of my utterance to them. | S3 |
| 11 | I may be unable to understand the contents of drones’ utterances to me. | S3 |

Subscale:

RAS-S1: Anxiety toward Communication Capability of Drones

RAS-S2: Anxiety toward Behavioral Characteristics of Drones

RAS-S3: Anxiety toward Discourse with Drones

Source:

[1] <https://uhra.herts.ac.uk/bitstream/handle/2299/9641/SyrdalDDautenhahn.pdf?sequence=1>

[2] https://www.researchgate.net/publication/224058203\_Measurement\_of\_Anxiety\_toward\_Robots