**Post-Experiment Questionnaire (external)**

**Subjective Measures:**

|  |  |
| --- | --- |
| Subjective Measures | Questionnaire (Rate 1-5 Likert scale) – questions are about the whole stay in the lab |
| Safety [q1] | I felt safe  I felt relaxed  I felt safe during the physical exercise |
| Comfortability [q1,q2] | I felt comfortable  I felt treated friendly |
| Fluency [q3] | I felt that the information was provided at the right timing  I felt there were no delays during the experiment |
| Understandability [q2] | I understood the experiment well  I understood the information presented to me |
| Cognitive load [q5] | During the experiment, it was exhausting to understand the important information  The experiment was complex  For this experiment, many things needed to be kept in mind |
| Enjoyment [q2] | I enjoyed participating in the experiment |
| Satisfaction [q2] | I was satisfied by the experiment |
| Trust [q2, q4] | I felt I can trust the experimenter  Did the experimenter make mistakes? |

[q1] Bartneck, C., Kulić, D., Croft, E. *et al.* Measurement Instruments for the Anthropomorphism, Animacy, Likeability, Perceived Intelligence, and Perceived Safety of Robots. *Int J of Soc Robotics* **1,**71–81 (2009). <https://doi.org/10.1007/s12369-008-0001-3>

[q2] Krakovski, Maya, et al. "“Gymmy”: Designing and Testing a Robot for Physical and Cognitive Training of Older Adults." *Applied Sciences* 11.14 (2021): 6431.

[q3] Hoffman, Guy. "Evaluating fluency in human–robot collaboration." *IEEE Transactions on Human-Machine Systems* 49.3 (2019): 209-218.

[q4] Schaefer, Kristin. "The perception and measurement of human-robot trust." (2013).

[q5] Klepsch, Melina, Florian Schmitz, and Tina Seufert. "Development and validation of two instruments measuring intrinsic, extraneous, and germane cognitive load." *Frontiers in psychology* 8 (2017): 1997.