Questionnaire about the Experiment

Thank you for your participation in this experiment. Please answer the following questions about the prototype you have just tested by using a "x" in the appropriate circle in the 5-value scale according to the sentences and subtitles. Please consider the entire scale while preparing your answer. Answer the questions independently, in the order they are presented. Do not skip or return to a previous question to change your answer. Thank you for your time.

Project: **Date:**

Development of a framework for the teleoperation of mining equipment.   ___ /09/2017

Name: _____   Age: _____

Educational level:_____

Course of study: _____

Contact: _____

1. I was able to controle events.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree

2. The environment was responsive to actions that I initiated (or performed).

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree

3. My interactions with the environment seemed natural.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree

### 4. The visual aspects of the environment involved me.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree

5. The mechanism which controlled movement through the environment was natural.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree

6. **My sense of objects moving through space was compelling.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
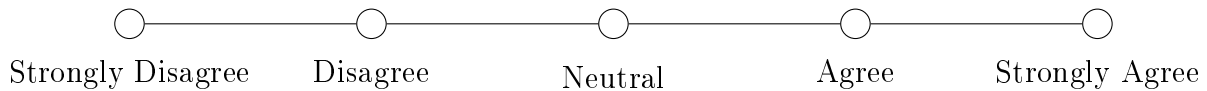
7. **My experience in the virtual environment seemed consistent with my real-world experiences.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
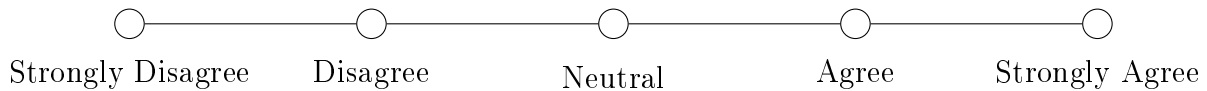
8. **I was able to antecipate what would happen next in response to the actions I performed.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
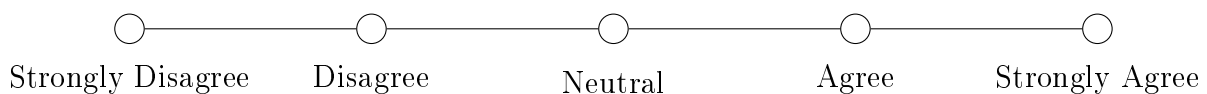
9. **I was able to actively survey or search the environment using vision.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
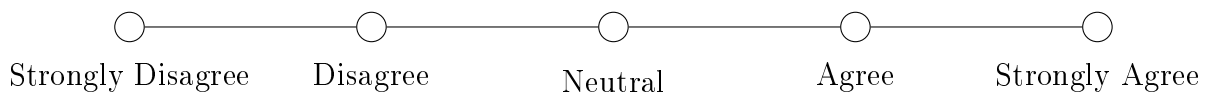
10. **My sense of moving around inside the virtual environment was compelling.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
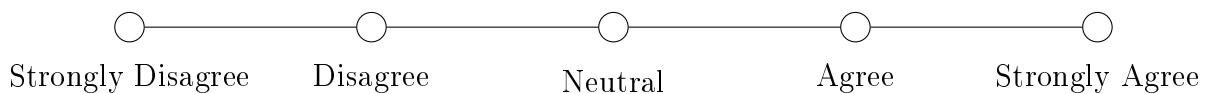
11. **I was completely involved in the virtual environment experience.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
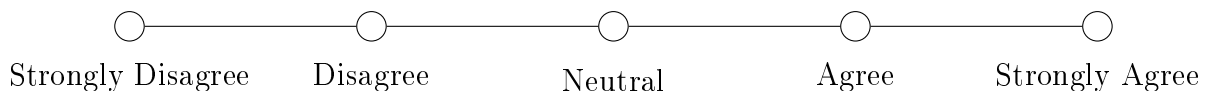
12. **I experienced high delay between my actions and expected outcomes.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
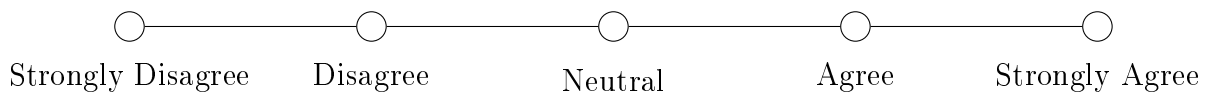
13. **I quickly adjusted to the virtual environment experience.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
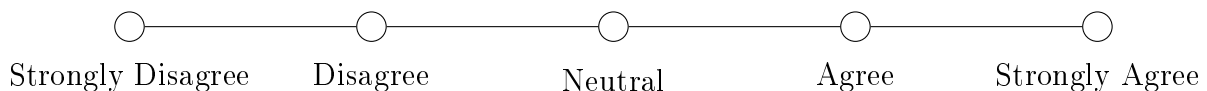
14. **I felt proficient in moving and interacting with the virtual environment at the end of the experience.**

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
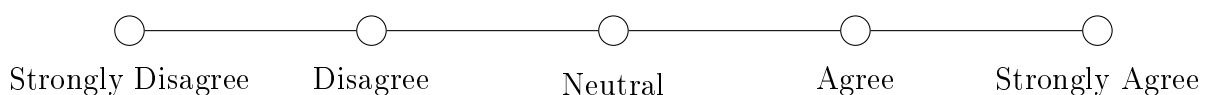
15. The visual display quality interfered or distracted me from performing assigned tasks or required activities.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
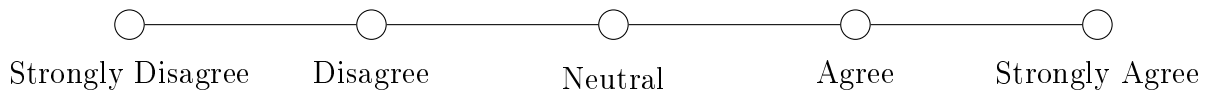
16. The control device interfered with the performance of assigned tasks or with other activities.

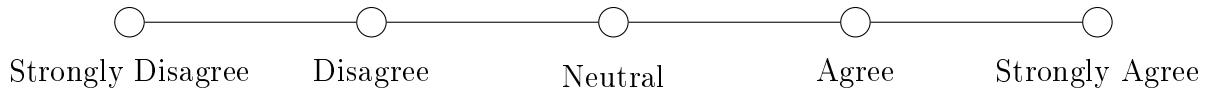Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
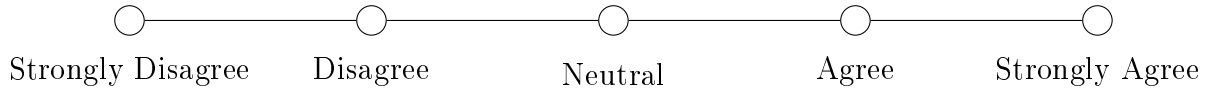
17. I concentrated more on the assigned tasks or required activities than ont he mechanisms used to perform those tasks or activities.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
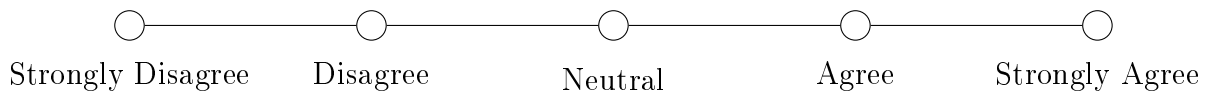
18. There were moments during the virtual environment experience in which I felt completely focused on the task instead of in the surroundings.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree
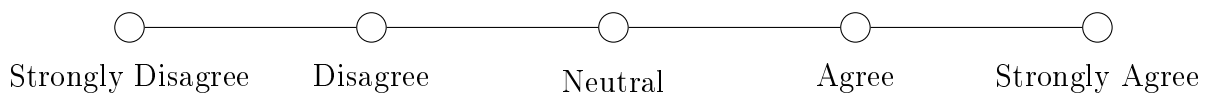
19. I have easily adapted to the control devices to interact with the virtual environment.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree

20. The information provided through different senses (*e.g.*vision, touch) were consistent.

Strongly Disagree   Disagree   Neutral   Agree   Strongly Agree