### A: IMI Questionnaire

| 1          | 2 | 3 | 4        | 5 | 6 | 7    |
|------------|---|---|----------|---|---|------|
| not at all |   |   | somewhat |   |   | Very |

#### Interest/Enjoyment

- 1. I enjoyed doing this activity very much
- 2. This activity was fun to do.
- 3. I thought this was a boring activity. (Reverse score)
- 4. This activity did not hold my attention at all. (Reverse score)
- 5. I would describe this activity as very interesting.
- 6. I thought this activity was quite enjoyable.
- 7. While I was doing this activity, I was thinking about how much I enjoyed it.

### **Perceived Competence**

- 1. I think I am pretty good at this activity.
- 2. I think I did pretty well at this activity, compared to other students.
- 3. After working at this activity for awhile, I felt pretty competent.
- 4. I am satisfied with my performance at this task.
- 5. I was pretty skilled at this activity.
- 6. This was an activity that I couldn't do very well. (Reverse score)

#### Pressure/Tension

- 1. I did not feel nervous at all while doing this. (Reverse score)
- 2. I felt very tense while doing this activity.
- 3. I was very relaxed in doing these. (Reverse score)
- 4. I was anxious while working on this task.
- 5. I felt pressured while doing these.

#### Value/Usefulness

- 1. I believe this activity could be of some value to me.
- 2. I think that doing this activity is useful for health
- 3. I think this is important to do because it can improve my health
- 4. I would be willing to do this again because it has some value to me.
- 5. I think doing this activity could help me to build up my body
- 6. I believe doing this activity could be beneficial to me.
- 7. I think this is an important activity.

# B: Motion Sickness Assessment Questionnaire

| 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9        |
|------------|---|---|---|---|---|---|---|----------|
| Not at all |   |   |   |   |   |   |   | Severely |

## Questions:

- 1. I felt sick to my stomach
- 2. I felt faint-like
- 3. I felt annoyed/irritated
- 4. I felt sweaty
- 5. I felt queasy
- 6. I felt lightheaded
- 7. I felt drowsy
- 8. I felt clammy/cold sweat
- 9. I felt disoriented
- 10. I felt tired/fatigued
- 11. I felt nauseated

- 12. I felt hot/warm
- 13. I felt dizzy
- 14. I felt like I was spinning
- 15. I felt as if I may vomit
- 16. I felt uneasy

# C: BORG 6-20 Rate of Perceived Exertion Scale (RPE)

Select one rating from the below table:

| Perceived Exertion | Rating | Description                       |
|--------------------|--------|-----------------------------------|
| No Exertion        | 6      | Little to no movement, very       |
|                    |        | relaxed                           |
| Extremely Light    | 7      | Able to maintain pace             |
|                    | 8      |                                   |
| Very Light         | 9      | Comfortable and breathing         |
|                    |        | harder                            |
|                    | 10     |                                   |
| Light              | 11     | Minimal sweating, can talk        |
|                    |        | easily                            |
|                    | 12     |                                   |
| Somewhat Hard      | 13     | Slight breathlessness, can talk   |
|                    | 14     | Increased sweating, still able to |
|                    |        | hold conversation but with        |
|                    |        | difficulty                        |
| Hard               | 15     | Sweating, able to push and still  |
|                    |        | maintain proper form              |
|                    | 16     |                                   |
| Very Hard          | 17     | Can keep a fast pace for a short  |
|                    |        | time period                       |
|                    | 18     |                                   |
| Extremely Hard     | 19     | Difficulty breathing, near        |
|                    |        | muscle exhaustion                 |
| Maximally Hard     | 20     | STOP exercising, total            |
|                    |        | exhaustion                        |
|                    |        |                                   |

# D: Fear of falling

How concerned you are about the possibility of falling during the experiment?

| 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10        |
|------------|---|---|---|---|---|---|---|---|-----------|
| Not at all |   |   |   |   |   |   |   |   | Extremely |

## E: Comments:

What do you think about this version of the game?