

# Experiment Check List. Participant: p\_\_\_\_\_

## How well you move? A Pilot Study on Movement Variability

### 1. Information

- ☐ 1.1 Participant Information Sheet
- ☐ 1.2 Anthropometric Data
- ☐ 1.3 Sitting the participant on the Chair
- ☐ 1.4 Start Recording Video
- ☐ 1.5 Show participant p\_\_ to the camera

### 2. Setting Up Sensors

Status HII	Description	Status HRI
<input type="checkbox"/>	Create Data Path	<input type="checkbox"/>
<input type="checkbox"/>	Open Muse Applications	<input type="checkbox"/>
<input type="checkbox"/>	Turn ON the sensors	<input type="checkbox"/>
<input type="checkbox"/>	Pair the sensor [sensor number and port number]	<input type="checkbox"/>
<input type="checkbox"/>	Set the sampling rate to 50 Hz	<input type="checkbox"/>
<input type="checkbox"/>	Open settings for Time Sync parameters	<input type="checkbox"/>
<input type="checkbox"/>	Compute the Time Sync parameters	<input type="checkbox"/>
<input type="checkbox"/>	PrintScreen the Time Sync parameters and Save Capture	<input type="checkbox"/>
<input type="checkbox"/>	Close settings and set parameters	<input type="checkbox"/>
<input type="checkbox"/>	Start Recording data	<input type="checkbox"/>
<input type="checkbox"/>	Shake all sensors	<input type="checkbox"/>

- ☐ 2.1.a Attach Sensors to the Participant (check sensor orientation)
- ☐ 2.1.b Attach Sensors to the Robot (check sensor orientation)
- ☐ 2.1.a Attach Sensors to the Participant (check sensor orientation)
- ☐ 2.2.b Attach Sensors to the Participant (check sensor orientation)

### 3. Experiment

- ☐ 3.1.a Human-Image Int [NO BEAT]
- ☐ 3.2.b Human-Robot Int [BEAT]

Status	Description
<input type="checkbox"/>	Hor Normal
<input type="checkbox"/>	Ver Normal
<input type="checkbox"/>	Hor Fast
<input type="checkbox"/>	Ver Fast

Status	Description
<input type="checkbox"/>	./HN.sh p__
<input type="checkbox"/>	./VN.sh p__
<input type="checkbox"/>	./HF.sh p__
<input type="checkbox"/>	./VF.sh p__

- ☐ 3.2.a Human-Image Int [BEAT]

Status	Description
<input type="checkbox"/>	<b>aplay</b> HN_beat.wav
<input type="checkbox"/>	<b>aplay</b> VN_beat.wav
<input type="checkbox"/>	<b>aplay</b> HF_beat.wav
<input type="checkbox"/>	<b>aplay</b> VF_beat.wav

### 4. Stop

- ☐ 4.1.a Stop Sensor Recording
- ☐ 4.1.b Stop Sensor Recording
- ☐ 4.2.a Save Data
- ☐ 4.2.b Save Data
- ☐ 4.3.a Disconnect Sensors
- ☐ 4.3.b Disconnect Sensors
- ☐ 4.4 Stop Video Recording

### 5. Notes