In-experiment instructions

Welcome to the Human-Robot Interaction experiment!

Press any key to continue.

In this experiment, you will instruct a simulated robot about the dance moves it should perform. This experiment consists of two blocks and a questionnaire. Each of the blocks contains three practice trials and six experimental trials. During the practice trials, you can get familiar with the experiment. No information from the practice trials is registered. After the practice trials, the experiment starts.

There, the task is the same as in the practice trials, but some data will be recorded. Video and sound data are never stored. More information about the goal of the experiment and about privacy can be found in the information letter. You can always call for the experimenter if you have any questions.

Press any key to continue.

Block 1: Gestures

In this block, you will instruct the robot about dance moves via gestural commands. There are six gestures. Every gesture stands for one dance move. You can see the gestures and the names of their respective dance moves here:

[pictures]

When you do not perform a command, sit in the neutral pose. This means to sit up straight with your hands on your lap.

In every trial, the goal is to make the robot perform four dance moves. Four out of six dance moves will have a number under them. You should start with number 1 and end with number 4. So, the order of moves is: 1, 2, 3, 4. If you give the wrong command, the robot will perform the move, but your progress will not be reset.

You can give a command when the [eye] is on the right side of the screen. When there is no [eye], your movements are not registered.

First there are three test trials. These trials are not recorded.

In summary: execute the gestures in the correct order, to make the robot dance. The order is indicated with numbers: 1, 2, 3, 4.

Press spacebar to start the 3 practice trials.

Gestures: experiment

Now the experimental trials start. They are the same as the practice trials.

So, execute the gestures in the correct order, to make the robot dance. The order is indicated with numbers: 1, 2, 3, 4.

Press spacebar to start the 6 experimental trials.

End of block 1

Well done!

You can take a break now. You can continue with the second block whenever you are ready.

Press spacebar to start with block 2.

Block 2: Voice

In this block, you will instruct the robot about dance moves via vocal commands. There are six speech commands. Every command stands for one dance move. You can read the vocal commands and the names of their respective dance moves here:

[keyphrases and their short name]

In every trial, the goal is to make the robot perform four dance moves. Four out of six dance moves will have a number under them. You should start with number 1 and end with number 4. So, the order of moves is: 1, 2, 3, 4. If you give the wrong command, the robot will perform the move, but your progress will not be reset.

You can say a command when the [ear] is on the right side of the screen. When there is no [ear], your voice is not listened to and any vocal commands you give will not be registered.

First there are three test trials. These trials are not recorded.

Press spacebar to proceed.

Voice: practice

In summary: say the commands in the correct order, to make the robot dance. The order is indicated with numbers: 1, 2, 3, 4.

Press spacebar to start the 3 practice trials.

Voice: experiment

Now the experimental trials start. They are the same as the practice trials.

So, say the commands in the correct order, to make the robot dance. The order is indicated with numbers: 1, 2, 3, 4.

Press spacebar to start the 6 experimental trials.

End of block 1

Well done!

This was the practical part of the experiment. The last part is a questionnaire about your experience. Click [here] to fill it in.