Robot's utterance Error due to out of range cubes Do I have to ask a question, or can I just rearrange the asked experimenter cubes? miscellaneous The participant stands up to face the robot The participant slightly straightens the cubes and aligns Participant's action them directly beneath the robot's gripper. The participant sits back down on the chair in front of the miscellaneous laptop. Participant's action The participant presses the continue button. Robot's action The robot picks up a regular cube from the work area and places it on the shelf Robot's action The robot picks up a regular cube from the work area and places it on the shelf Robot's action The robot picks up a regular cube from the work area and places it on the shelf Robot's action The robot picks up the 'Error one' cube and puts it back down Robot's utterance HELP ME !!!!! Error occured Participant's utterance what's the problem? Participant's action The participant presses the continue button. Robot's utterance HELP ME !!!!! Error, I am unable to put the item on shelf Participant's utterance is this too heavy? Participant's action The participant presses the continue button Robot's utterance HELP ME !!!!! Error, I am unable to put the item on shelf Participant's utterance why has the error occured? Participant's action The participant presses the continue button Notes Experiment timed out Experiment restarted Error due to out of range cubes Robot's utterance Participant's action The participant slightly straightens the cubes and aligns them directly beneath the robot's gripper. The participant presses the continue button. Participant's action Robot's action The robot picks up a regular cube from the work area and places it on the shelf Robot's action The robot picks up the 'Error one' cube and puts it back down HELP ME !!!!! Error occured Robot's utterance Participant's utterance why has the error occured? Participant's action The participant presses the continue button. Robot's utterance HELP ME !!!!! Error, I am unable to put the item on shelf, because its incorrect item. Please swap the cube with the green cube. Participant's action The participant takes the 'Error one' cube and places it

Participant's action

Participant's action Robot's action Robot's action

Robot's action

outside the work area

The participant takes the green cube and places it in the spot where the 'Error one' cube was inside the work area.

The participant presses the continue button.

The robot picks up the green cube and places it on the shel The robot picks up a regular cube from the work area and places it on the shelf

The robot picks up a regular cube from the work area and places it on the shelf