Robot's action The robot picks up a regular cube from the work area and places it on the shelf asked experimenter Do i need to do something? Robot's action The robot picks up a regular cube from the work area and places it on the shelf asked experimenter So, what are we actually testing? Is it an intuitive interface? Robot's action The robot picks up the 'Error one' cube and puts it back down Robot's utterance Error occured Participant's utterance how are you? Participant's action The participant presses the continue button. Robot's utterance Error, I am unable to put the item on shelf Participant's action The participant presses the continue button. Robot's utterance Error, I am unable to put the item on shelf Participant's utterance what do you need? Participant's action The participant presses the continue button. Robot's utterance Error, I am unable to put the item on shelf asked experimenter What? Does he need me to help him? miscellaneous The participant stands up. Participant's action The participant moves a regular cube from a corner inside the work area The participant picks up the green cube and places it inside Participant's action the work area. asked experimenter I can play with this? Participant's action The participant moves a regular cube inside the work area in order to create more space Participant's action The participant moves the 'Error one' cube inside the work area in order to create more space Participant's action The participant picks up the 'Error two' cube and places it inside the work area The participant spaces the cubes out. Participant's action Participant's action The participant presses the continue button. Robot's utterance Error, I am unable to put the item on shelf miscellaneous The participant stands up The participant takes two regular cubes from the shelf and Participant's action places them on the table outside the work area The participant takes the green cube and a regular cube Participant's action from inside the work area and places them outside the work area. Participant's action The participant takes the regular cubes that he took from the shelf and places them inside the work area. The participant presses the continue button. Participant's action

Robot's action

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

Robot's action
Robot's action

The robot picks up the 'Error one' cube and removes it from the work area.

Error, I am unable to reach the item on the table The participant presses the continue button.

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

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