



FIGURE 1 | Illustrative layout of the experimental space. Participant starting point is denoted by the red "X" and the robot starting point is denoted by the blue "O." Idealized paths to the trial end points are denoted for the participant and the robot by the red and blue lines, respectively.

Robot Specifications:

"Eye" height: approx. 1 m

Total height: approx. 1.25 m

Base width: 0.45 m

A



FIGURE 2 | iRobot Ava mobile robotics platform and physical specifications. Primary robot sensors are denoted by "A."