

## **RoSIP Scale (Robot Social Interaction Potential)**

Please rate each of the following statements based on your first impression of the robot shown.

Use a scale from 0 to 100, where:

0 = Not at all true

100 = Completely true

There are no right or wrong answers—just give your honest opinion based on what you see.

- (1) It can detect what is happening around it.
- (2) It can detect changes in its environment.
- (3) It can notice when something new appears nearby.
- (4) It is easy to tell what this agent is attending to.
- (5) It clearly shows when it notices something.
- (6) I can tell from its reactions whether it is about to shift its attention.
- (7) It wants to interact with me.
- (8) It can autonomously design how to interact with me.
- (9) It can predict how I will respond to its actions.
- (10) It can interpret my verbal or behavioral responses.

### *Experimenter Note:*

Items 1–6 assess Perceptual Potential, reflecting the participant's belief that the robot can autonomously perceive and externally express awareness of its surroundings. Items 7–10 assess Behavioral Potential, reflecting the belief that the robot is capable of engaging in meaningful interaction and generating appropriate responses.

## 机器人社交潜能评估量表

请根据您对所展示机器人的第一印象，对下列陈述进行评分。

评分范围为 0 到 100，其中：

0 = 完全不符合

100 = 完全符合

本问卷没有正确或错误的答案——请您根据观察到的内容，如实表达您的看法。

- (1) 它可以观察周围环境
- (2) 它可以了解周围发生的变化
- (3) 它可以察觉附近新出现的事物
- (4) 我很容易看出它是否在观察周围环境
- (5) 当它注意到某个东西时，会很明显的表现出来
- (6) 我可以根据它的表现判断它是否会调整注意的对象
- (7) 它想与我互动
- (8) 它可以自主设计怎样与我互动
- (9) 它可以预测我对于它的行动的反馈
- (10) 它可以理解我做出的言语或行为反馈

*主试须知：*

第 1-6 项评估感知潜能，反映被试对机器人是否能自主地感知并对外表达其对外部环境的觉察的判断。第 7-10 项评估行为潜能，反映被试是否认为机器人具备进行交互，做出恰当反应的能力。