

IOS scale

Equipment:

- Puppet
- Printed sheet of circles
- Log sheet and pen

Instructions:

Introduce or re-introduce puppet.

- Hey, I'm (puppet)! / Hey, I'm back!
- Can I ask you a few questions about you and (robot name)?

Set sheet of circles in front of the child.

Read instructions.

- Look at these circles. What's different about the cards? (wait for response) Look at this one, the two circles are far far away from each other. These two circles must want to be far away from each other. Look at this one, the circles are very close together. These two circles must want to be close to each other.

Ask the following questions. For each question, record the number of the circle pair picked.

1. Imagine one circle is you, and the other circle is your best friend. Can you point to the circles that best show you and your best friend?
2. Is there a bad guy you saw in the movies you don't like? Can you point to the circles that best show you and (the bad guy you don't like)? *if the child offers a name, use that name here instead*
3. Can you point to the circles that best show you and your mom? *or dad*
4. Can you point to the circles that best show you and (robot name)?
5. Do you have a pet, like a cat or a dog? If not, do you have a favorite toy? Can you point to the circles that best show you and your (pet/toy)? *replace with type of pet/toy: e.g., dog, cat, plush monkey, etc.*

Scoring:

Scores for each item will range from 1-7 based on the number of the circle pair picked.

Citation:

You are free to use or adapt this measure. If you do, please cite the following paper:

Kory Westlund, J. M., Park, H. W., Williams, R., & Breazeal, C. (2017). Measuring Children's Long-term Relationships with Social Robots. *Workshop on Perception and Interaction Dynamics in Child-Robot Interaction*. [<https://sites.google.com/a/mtu.edu/rss2017-rci-perception-and-interaction/home>]