**AMS TASK**

***General Instructions***

**Description:** This task measures children’s ability to compare numerical quantities. Children will have to indicate which of the two collections of dots has the larger quantity by either pointing to the side where the collection with the larger quantity of dots appeared or by saying the color (blue or yellow).

**Before the task**

1. Open mn\_amstask\_twoseconds\_020624.psyexp located in the manynumbers\_amstask-main folder.

2. To start the task, click on the green button with the white arrow A green circle with a white arrow in it

Description automatically generated:

3. Enter the participant, site, and age information in the pop-up window. **IMPORTANT:** Only enter **3, 4,** or **5**, on the Enter\_Age and Confirm\_Age text boxes. If the child is younger than 3, enter **3**. If you do not enter the same number in both boxes, the task will not work.

**During the task**

Except stated otherwise, you can continue to the next slide using the **space key**. Always read the instructions that appear on the screen to the kid.

To enter the participants' responses, press ‘**a**’ if the child points to the blue dots or says blue, and press ‘**l**’ if the child points to the yellow dots or says yellow.

***Script***

**Introduction**

Say, ***“You are going to see some blue dots and some yellow dots. Your job is to tell me which color has more dots. You can point to which side has more dots, or just say “blue” or “yellow.” Ready?”***

**Practice trials: Administration**

Say, ***"Point to the side that has more dots"***

There is visual feedback in these trials (happy or sad face). While the visual feedback is on screen say **“Yes, that is correct! There were more yellow/blue dots”** or **“No, that is not correct! There were more yellow/blue dots,”** depending on the child’s response.

* If participants complete at least 4 trials correctly, they will move on to the experimental trials. If participants fail to meet this criterion, they will complete the same practice trials for a second time.

**Experimental trials: Administration**

Say, ***"Point to the side that has more dots"***

* Do not give any help or feedback.
* If the child doesn’t point to any of the images, say **“It is okay to guess.”**

**End of the task**

During the final slide, press ‘q’ to finalize the task.

**Notes**

Please record any relevant concerns or technical difficulties during the administration of the task (e.g., experimenter error, caregiver interference).

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