

Supplementary Online Material for
Extrinsic Rewards Undermine Altruistic Tendencies in 20-Month-Olds

Developmental Psychology

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Task Descriptions

In all tasks, the first experimenter (E1) sat at a desk in the corner of the experimental room, facing towards the center of the room. Each task consisted of 3 identical trials. In each trial, after the object dropped on the floor, E1 bent over the desk and unsuccessfully reached for the object with an outstretched arm. If children helped, she continued her activity (such as drawing with the marker). If children did not help, she used another object of the same kind (e.g., she would have 3 markers available for the 3 trials).

Marker. E1 used a marker to draw pictures on a sheet of paper. Suddenly, the marker slipped out of her hand and dropped on the floor.

Paperballs. E1 picked up paperballs from a large tray and put it into a basket. About every second time she accidentally missed the basket, causing the paperball to fall on the floor.

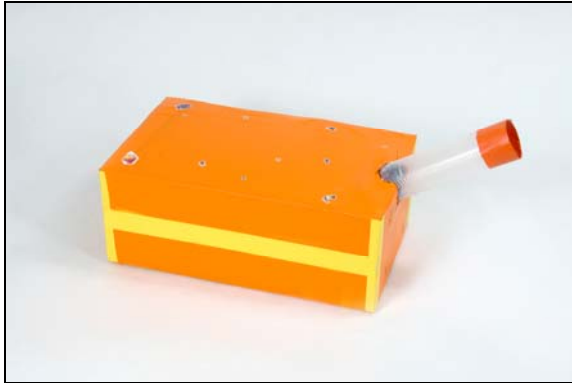
Clips. E1 folded pieces of paper, attached paperclips to it and placed them into a box. About every second time the clip slipped out of her hand as she tried to attach it to the paper and landed on the floor.

Pen. E1 used a pen to write a letter on a sheet of paper. Suddenly, the pen slipped out of her hand and dropped on the floor.

Plates. E1 picked up plastic plates from a large tray and stacked them together into a pile. About every second time she accidentally missed the pile, causing the plate to fall on the floor.

Clothespins. E1 folded pieces of cloth, attached a clothespin to it and placed them into a box. About every second time the clothespin slipped out of her hand as she tried to attach it to the cloth and landed on the floor.

Figure S1. “Jingle machine” used in reward condition during treatment phase.



When the child throws a cube through the opening, it slides down the transparent tube into the box and creates a jingle sound (due to a xylophon installed inside the box).

Box = 50 x 40 x 20 cm; tube = 20 cm long and 6 cm in diameter.

Figure S2. Distracter toys used during test phase. Box = 35 x 25 x 12 cm.



Trumpet

Guitar

Violin