

Shaping experiment instructions

For experimenter:

1. Run `gui2(n)` to determine reinforcement size before subjects come in.

`b` value was predefined as 0.3 for convex and -0.3 for concave. They can be changed in `gui2(n)` at line 129 and 158.

`gui2(1)` – linear

`gui2(2)` – convex

`gui2(3)` – concave

Input `W0`, `Wc` and `tf`, then plot reinforce function and reinforcements.

(`W0` = 400, `Wc` = 100, `tf` = 10 are mostly used. Normally one trial can end after ~35 clicks)

Number of correct clicks to end one trial was predefined as 15 – can be changed in `Shaping3` at line 15.

For subject:

Run `Shaping3`.

Experimenter helps type in desired `W0`, `Wc`, `tf` and number of trials (better be a multiple of 3).

Subject input his/her initial.

Experiment will start.

There are 2 breaks, one after 1/3 of the total number of trials and one after 2/3.

After the experiment, all results will be saved under current directory – filename contains the subject's initial and current date.

To review each trial:

After the experiment ends, make sure the workspace is complete (or simply load the saved results)

Run `review(n)`. `n` refers to the index of trial. (Ex. Trial 15 – `review(15)`)