

S5 Table. Models testing for effects of inhibitory control (scores of the three inhibition tasks separately)

| Response variable | Predictor | Test statistic | p value | coefficient | standard error |
|---------------------------------------|------------------------------|-----------------------|---------|-------------|----------------|
| On-off (initial performance) | Score of wait-for-treat task | $\chi^2_{(1)} = 2.53$ | 0.11 | 0.25 | 0.16 |
| On-off (initial performance) | Score of middle cup task | $\chi^2_{(1)} = 0.09$ | 0.76 | 0.03 | 0.08 |
| On-off (initial performance) | Score of leash task | $\chi^2_{(1)} = 10.6$ | 0.001 | 0.36 | 0.11 |
| Size constancy (all trials) | Score of wait-for-treat task | $\chi^2_{(1)} = 0.84$ | 0.36 | -0.31 | 0.34 |
| Size constancy (all trials) | Score of middle cup task | $\chi^2_{(1)} = 3.46$ | 0.06 | -0.23 | 0.13 |
| Size constancy (all trials) | Score of leash task | $\chi^2_{(1)} = 0.48$ | 0.49 | -0.11 | 0.17 |
| Size constancy: second half of trials | Score of wait-for-treat task | $\chi^2_{(1)} = 1.53$ | 0.22 | -0.61 | 0.51 |
| Size constancy: second half of trials | Score of middle cup task | $\chi^2_{(1)} = 8.45$ | 0.004 | -0.55 | 0.20 |
| Size constancy: second half of trials | Score of leash task | $\chi^2_{(1)} = 1.30$ | 0.25 | -0.26 | 0.24 |

These models were only calculated for response variables where the overall inhibition score appeared as a significant predictor of performance (cf. S4 Table).