**Table S1.** **Generalized linear mixed-effects model results of choice data.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1 | Model 2 | Model 3 |
| Fixed effects | Estimate(95% CI) | p-value | Estimate(95% CI) | p-value | Estimate(95% CI) | p-value |
| Intercept | -0.03(-0.13 – 0.07) | 0.57 | -0.06(-0.16 – 0.04) | 0.22 | -0.02(-0.05 – 0.01) | 0.20 |
| $$ΔS$$ | 3.77(3.65 – 3.89) | < 0.001 | 3.70(3.59 – 3.82) | < 0.001 | - | - |
| $$ΔO$$ | 0.56(0.51 – 0.61) | < 0.001 | 0.55(0.51 – 0.60) | < 0.001 | - | - |
| CON | 0.12(0.06 – 0.19) | < 0.001 | 0.05(-0.004 – 0.11) | 0.07 | - | - |
| $ΔS$ \*$ ΔO$ | 0.13(0.01 – 0.24) | 0.03 | - | - | - | - |
| $ΔS$ \*CON | -0.35(-0.47 – -0.23) | < 0.001 | - | - | - | - |
| $ΔO$ \*CON | -0.02(-0.07 – 0.03) | 0.50 | - | - | - | - |
| $ΔS$ \*$ ΔO$ \*CON | 0.23(0.11 – 0.35) | < 0.001 | - | - | - | - |
| df | 15,447 |  |  |
| LL | -3796 | -3828 | -10737 |
| BIC | 7679 | 7704 | 21494 |

$ΔS$, self-payoff change between the 2nd and 1st option; $ΔO$, other-payoff change between the 2nd and 1st option; CON, context; CI, confidence interval; df, degree of freedom; LL, log-likelihood; BIC, Bayesian Information Criterion