**Table S2.** **Generalized linear mixed-effects model results of choice data show that the presentation order (i.e., 1st or 2nd) of the more equal or unequal option does not bias individuals’ choices.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fixed effects | Estimate | 95% CI | z-value | p-value |
| Intercept | - 1.07 | -1.35 – -0.79 | -7.41 | < 0.001 |
| $$ΔO $$ | 4.83 | 4.61 – 5.05 | 43.65 | < 0.001 |
| CON | -6.32 | -6.60 – -6.04  | -44.58 | < 0.001 |
| Ind\_ref | 0.06 |  -0.03 – 0.15 | 1.30 | 0.193 |
| $ΔO$\*CON | 0.79 | 0.57– 1.01 | 7.14 | < 0.001 |
| df | 15,486 |
| LL | -5813 |
| BIC | 11684 |

$ΔS$, self-payoff change between the 2nd and 1st option; $ΔO$, other-payoff change between the 2nd and 1st option; CON, context; Ind\_ref, indicator of the presentation order for the more equal option; CI, confidence interval;df, degree of freedom; LL, log-likelihood; BIC, Bayesian Information Criterion