

Appendix S1

Ratio of grape:carrot choices made in the three food preference tests by chimpanzees in the high-value reward (HR) and medium-value reward (MR) groups

Chimpanzees (sex, age in years)	Grape:Carrot		
	Session 1	Session 2	Session 3
HR group*			
JO (F, 20)	10:0	10:0	10:0
GR (F, 18)	10:0	10:0	10:0
KR (M, 18)	8:2	10:0	9:1
TA (M, 18)	8:2	9:1	9:1
JA (M, 19)	10:0	10:0	10:0
MR group†			
SA (F, 29)	9:1	10:0	9:1
AH (F, 15)	9:1	10:0	8:2
KI (F, 12)	9:1	10:0	9:1
CH (F, 29)	9:1	9:1	7:3
HU (F, 12)	8:2	8:2	10:0
GA (M, 18)	10:0	10:0	8:2
HK (M, 27)	8:2	7:3	10:0

* For all test sessions, chimpanzees in the HR group showed a preference for grapes: session 1 (two-tailed Mann–Whitney U test: $U = 2.51$, $N_1 = 5$, $N_2 = 5$, $P = 0.01$); session 2 ($U = 2.51$, $N_1 = 5$, $N_2 = 5$, $P = 0.01$); session 3 ($U = 2.51$, $N_1 = 5$, $N_2 = 5$, $P = 0.01$).

† For all test sessions, chimpanzees in the MR group showed a preference for grapes: session 1 (two-tailed Mann–Whitney U test: $U = 3.07$, $N_1 = 7$, $N_2 = 7$, $P = 0.01$); session 2 ($U = 3.07$, $N_1 = 7$, $N_2 = 7$, $P = 0.01$); session 3 ($U = 3.07$, $N_1 = 7$, $N_2 = 7$, $P = 0.01$).