

## Appendix S2

Proportion of candy-cane (CC) token preference choices of chimpanzees

Chimpanzee (sex)	Proportion of CC tokens selected
<b>‘Naïve’ controls</b>	
SK (M)	0.70
AD (M)	0.40
AX (M)	0.90
AA (F)	0.60
BE (F)	0.60
LE (M)	0.50
GA (M)	0.70
SO (F)	0.40
TI (F)	0.50
MU (F)	0.70
AL (M)	1.00
PE (M)	0.60
<b>Experimental (HR and MR groups)</b>	
JO (F)	0.80
GR (F)	0.80
KR (M)	0.70
TA (M)	1.00
JA (M)	1.00
SA (F)	1.00
AH (F)	0.90
KI (F)	0.90
CH (F)	1.00
HU (F)	0.90
GA (M)	1.00
HK (M)	0.80