Supplementary_Table1. Intraclass correlation coefficients of MZ and DZ and heritability of bilateral NAcc activation when anticipating the three monetary conditions: Gain, Loss and No-incentive

	rMZ (N = 86)	rDZ (N = 88)	Model [a]	h^2 [95%CI]	c^2 [95%CI]	e^2 [95%CI]
Gain	0.546**	0.17	AE	0.46 [0.21, 0.64]	-	0.54 [0.64, 0.36]
Loss	0.395**	0.302*	AE	0.36 [0.11, 0.56]	-	0.64 [0.56, 0.44]
No-incentive	0.418**	0.372*	CE	-	0.33 [0.13, 0.51]	0.67 [0.51, 0.49]

Note: *, p < 0.01; **, p < 0.05; MZ = Monozygotic twins; DZ = Dizygotic twins; [a], best fitted model with the lowest Akaike's Information Criterion; h^2 = heritability, additive genetic effect; c^2 = common environment effect; e^2 = unique environment effect; CI = confidence interval.

Supplementary_Table2. Heritability of self-report measures of pleasure experience and bilateral NAcc activation in Cholesky ACE model

	h^2 [95%CI]	c^2 [95%CI]	e^2 [95%CI]
NAcc	0.35 [0.01, 0.62]	0.08 [0, 0.4]	0.58 [0.38, 0.82]
RCPAS	0.58 [0.22, 0.75]	0.02 [0, 0.29]	0.4 [0.25, 0.62]
TEPS	0.27 [0.02, 0.53]	0.02 [0, 0.24]	0.71 [0.46, 0.96]

Note: h^2 = heritability, additive genetic effect; c^2 = common environment effect; e^2 = unique environment effect; CI = confidence interval; RCSAS = Revised Chapman Social Anhedonia Scale; RCPAS = Revised Chapman Physical Anhedonia Scale; TEPS = Temporal Experience Pleasure Scale; NAcc = Activation of Nucleus Accumbens during the anticipation of monetary gain.