Supplementary results

The main contrasts from the fMRI experiment are presented in Table S1 and Figure S1.

Table S1. Main effects observed for Valence and Magnitude in standard and boost trials.

A. Valence standard trials: Gain (5+25) vs. Loss (5+25)			**Stereotactic coordinates**				
Brain region	**~BA**	**# voxels**	**x**	**y**	**z**	***T* peak**	***p value***
L ventral striatum		103	-24	4	-12	7.34	<0.0001
			-24	8	16	6.28	<0.0001
R ventral striatum			28	-8	-4	6.89	<0.0001
B. Valence boost trials: Gain (125) vs. Loss (125)							
L ventral striatum		26	-8	4	-8	6.49	<0.0001
R ventral striatum		20	16	8	-4	6.06	<0.0001
R cuneus	BA18	63	32	-84	4	6.78	<0.0001
C. Magnitude in boost trials: 125 (Gain + Loss) vs. 7/27 (Gain + Loss)							
R cuneus	BA18	50	20	-100	0	8.62	<0.0001
Rostral ACC	BA32	39	0	44	32	6.66	<0.001
			8	40	20	5.45	<0.003

Notes. MNI coordinates and T value for the peak location in a particular anatomical cluster $P < 0.05$; 20 voxels spatial extent corrected for multiple comparisons at the whole-brain level using a family-wise error (FWE) rate. *P* value for the peak of activation at cluster level corrected for multiple comparisons and the number of voxels in each cluster (n. voxels). BA = approximate Brodmann's area; L = Left hemisphere; R = Right hemisphere; ACC=Anterior cingulate cortex;

Figure S1. Valence and Magnitude effects. (A) Valence effects for standard trials (Gain vs. loss) (B) Valence effect for the boost trials (C) Magnitude effects shown as the contrast 125 (Gain + Loss) versus 7/27 (Gain + Loss). Group average activation maps are superimposed on a group-averaged structural MRI image in standard stereotactic space (*t*-score overlays after multiple comparisons correction at the whole-brain level, $P < 0.05$).