

Table S2. Regions of neural activation from whole-brain regression analyses with frequency of inequity choices per game as a regressor.

Anatomical region	L/R	Voxels	z	MNI coordinates		
				x	y	z
Positive correlation with frequency inequity choices						
<i>Advantageous Self-maximizing Inequity – null contrast</i>						
Posterior cingulate cortex	-	17	3.71	-3	27	36
Dorsolateral prefrontal cortex	R	10	3.47	27	42	36
<i>Advantageous Competitive Inequity – null contrast</i>						
Cuneus	L	27	3.86	36	21	15
Negative correlation with frequency inequity choices						
<i>Advantageous Competitive Inequity – null contrast</i>						
Cuneus	R	18	3.91	18	-78	27
Putamen	R	12	3.26	30	9	0

Note. $p < .001$ uncorrected, > 10 voxels; L/R=Left/Right; k=cluster size in $3 \times 3 \times 3$ mm voxels; Z=z-score; MNI coordinates =xyz voxel coordinates in MNI space of the peak voxel.