TABLE 3. Foci of activations in the comparisons between males and females during anticipation of rewards with maximal uncertainty and at the time of reward delivery. All areas were significant at P < 0.005, uncorrected for multiple comparisons (random effects model).

Anatomical structure	Females>Males during anticipation of rewards with maximal uncertainty				Males>Females during anticipation of rewards with maximal uncertainty				Females>Males at the time of reward delivery *versus* no reward delivery				Males>Females at the time of reward delivery *versus* no reward delivery			
	Peak MNI coordinates			Z-value	Peak MNI coordinates			Z-value	Peak MNI coordinates			Z-value	Peak MNI coordinates			Z-value
	x	y	z		x	y	z		x	y	z		x	y	z	
Right Ant. hippocampus	38	-19	-19	3.11												
Right Post.hippocampus	34	-30	-4	2.79												
Left middle Frontal gyrus	-23	27	46	2.84												
Left middle Temp. gyrus	-49	8	-27	3.1												
Right ventral striatum					15	19	-4	2.73								
Left ventral striatum					-27	15	-8	2.93								
Left m. frontal gyrus					-42	30	34	3.02								
Anterior medial PFC									-15	61	-4	4.57				
Subgenual gyrus									0	27	-8	3.54				
Left amygdala									-15	-4	-19	2.59				
Supp. Motor Area													4	15	57	4.18
Right anterior PFC													38	53	19	3.23
Right Premotor cx													38	4	38	2.73
Left Premotor cx													-46	8	34	3.09
Right inf. Temporal cx													46	-30	-11	3.79
Right intra-parietal cx													42	-42	46	3.32
Right sup. Parietal cx													15	-72	46	3.04
Left intra-parietal cx													-42	-53	53	3.44