

**Supplementary Table 2.** Differences between patients with affective flattening and control subjects in cerebral response to masked fearful versus neutral facial expressions

Anatomical region	BA	Side	Cluster size	x	y	z	Z-score	p-value (uncorr.)
Posterior cingulate, Parahippocampal gyrus, Cerebellum	29, 30	L, R	201	-10	-46	6	4.26	0.00001
Parahippocampal gyrus, Hippocampus	-	L	45	-28	-14	-18	4.11	<0.00002
Thalamus	-	L, R	49	-4	-8	4	3.93	<0.00004
Parahippocampal gyrus, Cerebellum	28, 35, 36	R	67	20	-32	-16	3.74	<0.00009
Precentral gyrus, MedFG	6	R	26	26	-18	66	3.68	<0.0001

Results of a whole-brain two-sample t-test conducted at  $p < 0.001$ , uncorrected,  $k = 15$  voxels. The table shows areas of hyperactivation for patients with affective flattening versus control subjects. There was no anatomical area in the brain showing hyperactivation for controls versus patients. Coordinates are given in MNI space and mark the maximal point of activation. MedFG: medial frontal gyrus, MNI: Montreal Neurological Institute, SANS: Scale for the Assessment of Negative Symptoms