

Supplementary Table 3. Negative correlation between patients' affective flattening (SANS global score) and cerebral response to unmasked fearful versus neutral facial expressions

Anatomical region	BA	Side	Cluster size	x	y	z	Z-score	p-value (uncorr.)
TTG, STG, Insula	13, 22, 41	L	66	-44	-20	8	3.90	<0.00005
Parahippocampal gyrus, hippocampus, amygdala	34	R	51	24	-8	-20	3.80	0.00007
Precentral gyrus, postcentral gyrus	2,3,4	L	23	-56	-24	36	3.56	<0.0002
Parahippocampal gyrus, hippocampus, amygdala	34, 35, 37	L	62	-18	-14	-16	3.52	<0.0003
TTG, STG	41	R	18	48	-26	8	3.52	<0.0003
Parahippocampal gyrus	28, 35	R	27	16	-24	-16	3.41	<0.0004

Results of a whole brain regression analysis conducted at $p < 0.001$, uncorrected, $k = 15$ voxels. Coordinates are given in MNI space and mark the maximal point of activation. STG: superior temporal gyrus, TTG: transverse temporal gyrus, MNI: Montreal Neurological Institute, SANS: Scale for the Assessment of Negative Symptoms