

Table 2. Meta-analysis results of differences in resting state brain activity between ET and HC

Brain region	MNI coordinates			SDM Z score	P	No. of voxels	Cluster breakdown (no. of voxels)	Egger's test (P)
	X	Y	Z					
<i>Patients with essential tremor > healthy controls</i>								
R postcentral gyrus	34	-40	56	3.135	~0	2209	R precentral gyrus, BA 6 (496) R postcentral gyrus, BA 3 (352) R precentral gyrus, BA 4 (250) R inferior parietal (excl. supramarginal & angular) gyri, BA 40 (242) R postcentral gyrus, BA 4 (172) R inferior parietal (excl. supramarginal & angular) gyri, BA 2 (141) R postcentral gyrus, BA 2 (132) R superior frontal gyrus, dorsolateral, BA 6 (87) R postcentral gyrus, BA 6 (80) R superior parietal gyrus, BA 2 (56) R superior parietal gyrus, BA 40 (41) R precentral gyrus, BA 3 (31) R postcentral gyrus, BA 40 (20)	0.500
R superior frontal gyrus, medial	6	58	8	2.027	0.001696348	182	R superior frontal gyrus, medial, BA 10 (138) R superior frontal gyrus, medial (31)	0.292
L precentral gyrus	-40	-2	44	2.343	0.000291586	150	L precentral gyrus, BA 6 (135)	0.322
<i>Patients with essential tremor < healthy controls</i>								
L cerebellum, hemispheric lobule IV/V	-20	-42	-26	1.638	0.000543952	386	L cerebellum, hemispheric lobule IV/V, BA 37 (138) L cerebellum, hemispheric lobule IV/V, BA 30 (92) Middle cerebellar peduncles (60) L fusiform gyrus, BA 37 (42)	0.405
L insula	-42	-14	16	1.454	0.001908481	128	L insula, BA 48 (60) L rolandic operculum, BA 48 (46)	0.700
R insula	42	-14	10	1.455	0.001908481	102	R insula, BA 48 (55) R rolandic operculum, BA 48 (20) R heschl gyrus, BA 48 (14)	0.710

BA, Brodmann area; ET, essential tremor; HC, healthy controls; L, left; MNI, Montreal Neurological Institute; R, right; SDM, signed differential mapping; SDM-Z, Seed-based d Mapping Z score.

Cluster extent threshold: 100 voxels.

Regions with fewer than 10 voxels are not reported in the cluster breakdown.