**TABLE 2** Regions showing a significant increase in BOLD response to a noxious (vs. innocuous) painful thermal stimulus on the right hand in WS-H and WS-L patients (activations determined by clusters of Z > 2.3, P = 0.05 corrected for multiple comparisons). MNI co-ordinate and peak Z score of the maximum activating voxel in each cluster are shown with the laterality of response (R/L).

Region MNI Co-ordinates (*x,y,z mm)* Max Z Score R/L

*WS-H*

Temporal pole 52 14 -12 3.80 R

-54 10 -20 3.54 L

Inferior frontal gyrus (BA47) 44 22 -16 3.59 R

 -44 22 -8 3.60 L

Anterior insular cortex 40 16 -12 3.54 R

Amygdala/parahippocampal gyrus 10 -2 -18 3.47 R

Putamen 30 -2 -8 3.46 R

Superior temporal gyrus -52 0 -2 3.67 L

Cerebellum -4 -56 -18 4.12 L

 6 -52 -20 3.89 R

Secondary somatosensory cortex -54 -20 28 2.82 L

*WS-L*

Inferior frontal gyrus (BA47) 48 14 0 4.26 R

 -48 30 8 3.60 L

Anterior insular cortex 36 22 -4 3.48 R

 -38 4 2 3.45 L

Temporal pole 50 14 -6 3.81 R

Inferior frontal gyrus (BA44/45) -46 18 22 4.48 L

Putamen -14 8 0 3.79 L

 30 6 -2 3.48 R