

Table S1 Positive correlations of QSM values with AS scores in the entire PD group[†]

Brain region	Side	Cluster size	MNI coordinate			t score
			X	Y	Z	
MTG	L	504	-54	-20	-12	4.0559
SFGmed	L	381	-13	49	9	4.2308

[†], voxel-wise $P < 0.001$, cluster-wise FWE-corrected $P < 0.05$. AS, Apathy Scale; FWE, family-wise error; L, left; MNI, Montreal Neurological Institute; MTG, middle temporal gyrus; PD, Parkinson's disease; QSM, quantitative susceptibility mapping; SFGmed, medial superior frontal gyrus.

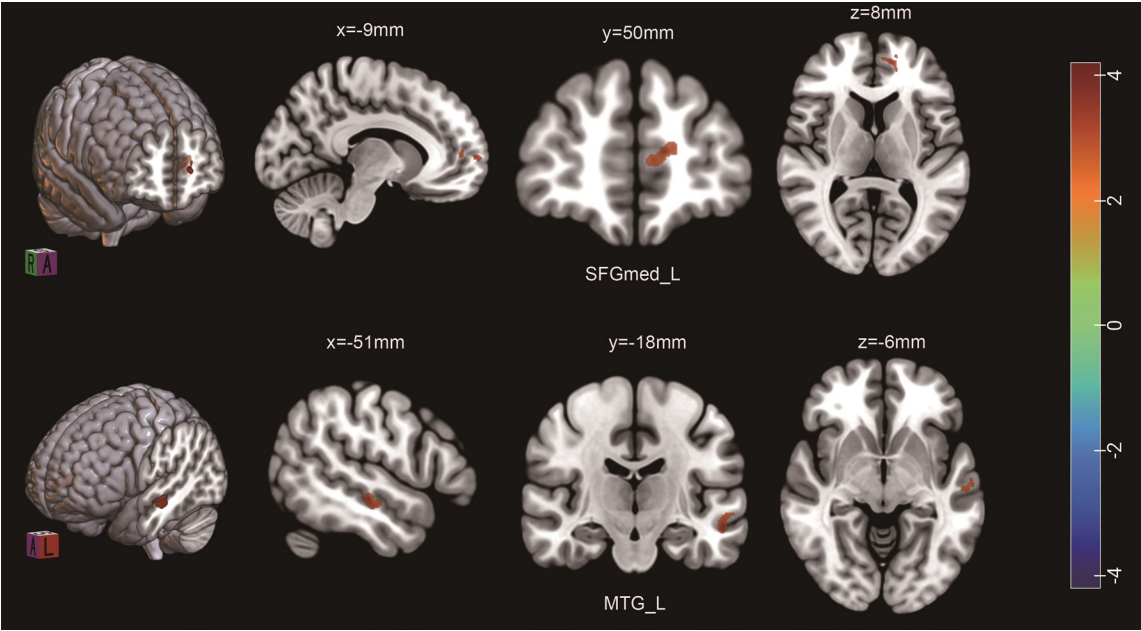


Figure S1 Positive correlation between susceptibility values with AS scores in the entire PD group based on voxel-wise analysis. We explored brain regions where susceptibility values and AS scores were positively correlated based on whole-brain voxel-wise analysis in the entire PD group. AS, Apathy Scale; L, left; MTG, middle temporal gyrus; PD, Parkinson's disease; SFGmed, medial superior frontal gyrus.