

**Supplementary table 1:** Coordinates from regions showing significantly larger SUVR in GWI compared to HC in the voxel-wise analysis ( $p < 0.05$ , corrected).

Cluster	Voxels	P	Z-MAX	MNI coordinates (mm)			label
				X	Y	Z	
1	20424	4.29E-20	4.75	-12	-62	46	L precuneus
			4.74	24	76	50	R dorsolateral prefrontal cortex
			4.74	40	-58	10	R lateral occipital cortex
			4.25	-18	2	54	L dorsolateral prefrontal cortex
			3.98	-12	40	24	L anterior mid cingulate cortex
			3.87	8	-50	50	R precuneus
			3.86	-34	36	2	L ventrolateral prefrontal cortex
			3.85	6	-42	40	R subparietal sulcus/precuneus
			3.77	10	34	-14	R ventromedial prefrontal cortex
			3.76	44	38	-10	R ventrolateral prefrontal cortex
			3.71	42	32	10	R frontoinsular cortex
			3.68	12	-16	48	R mid cingulate cortex
			3.67	20	14	58	R dorsolateral prefrontal cortex
			3.66	48	-4	13	R inferior prefrontal cortex
			3.47	54	-28	30	R posterior parietal cortex
			3.45	54	-24	43	R inferior parietal cortex
			3.31	36	-36	52	R superior parietal cortex
			3.09	12	-34	54	R primary somatosensory cortex
			3.07	-14	-34	56	L primary somatosensory cortex
			3.05	20	8	4	R putamen
3.04	-8	38	-4	L anterior paracingulate cortex			
2.63	-18	-24	66	L primary motor cortex			
2.61	6	-46	30	R posterior cingulate cortex			
2.48	26	-22	65	R primary motor cortex			
2	1273	0.0157	4.06	56	-18	-14	R middle temporal gyrus
			3.61	44	0	-31	R middle temporal gyrus (anterior)