

**Supplementary Table 1.** Comparison before and after treatment

	HDRS (scores)	Frontal lobe (ppm)	Temporal lobe (ppm)	Occipital lobe (ppm)	Hippocampus (ppm)	Putamen (ppm)	Thalamus (ppm)	Cingulum (ppm)	Cerebellum (ppm)
Pre-treatment	27.2±5.3	0.021±0.002	0.019±0.001	0.019±0.001	0.024±0.002	0.020±0.001	0.018±0.002	0.048±0.003	0.021±0.002
Post-treatment	7.4±1.2	0.020±0.002	0.019±0.001	0.020±0.002	0.023±0.001	0.020±0.002	0.019±0.001	0.047±0.003	0.020±0.002
t	16.295	1.581	0.000	-2.000	2.000	0.000	-2.000	1.054	2.000
p	<0.001	0.122	>0.999	0.053	0.053	>0.999	0.053	0.299	0.053