

SUPPLEMENTARY TABLE S2. NORMALITY TEST FOR MTR AT TP1, TP2, AND TP3 FOR PATIENTS AND CONTROLS

<i>Test of normality</i>			<i>Kolmogorov-Smirnov^a</i>			<i>Shapiro-Wilk^b</i>		
	<i>Controls/patients</i>		<i>Statistic</i>	<i>df</i>	<i>Sig.</i>	<i>Statistic</i>	<i>df</i>	<i>Sig.</i>
Tp1	M1-SMA	Controls	0.156	10	0.200 ^c	0.969	10	0.880
		Patients	0.224	10	0.167	0.943	10	0.591
	PMd-M1	Controls	0.118	10	0.200 ^c	0.980	10	0.966
		Patients	0.223	10	0.174	0.885	10	0.147
	PMd-SMA	Controls	0.178	10	0.200 ^c	0.952	10	0.691
		Patients	0.158	10	0.200 ^c	0.924	10	0.395
	PMd-PMv	Controls	0.132	10	0.200 ^c	0.967	10	0.861
		Patients	0.253	10	0.069	0.777	10	0.008
	M1-SC	Controls	0.136	10	0.200 ^c	0.962	10	0.803
		Patients	0.186	10	0.200 ^c	0.924	10	0.391
	PMv-SMA	Controls	0.148	10	0.200 ^c	0.921	10	0.363
		Patients	0.274	10	0.032	0.825	10	0.029
	Inter-PMd	Controls	0.094	10	0.200 ^c	0.966	10	0.852
		Patients	0.157	10	0.200 ^c	0.953	10	0.707
	Inter-PMv	Controls	0.183	10	0.200 ^c	0.895	10	0.192
		Patients	0.198	10	0.200 ^c	0.930	10	0.449
Inter-M1	Controls	0.149	10	0.200 ^c	0.925	10	0.400	
	Patients	0.231	10	0.140	0.893	10	0.182	
Inter-SMA	Controls	0.179	10	0.200 ^c	0.928	10	0.427	
	Patients	0.314	10	0.006	0.765	10	0.005	
Tp2	M1-SMA	Controls	0.231	10	0.138	0.877	10	0.119
		Patients	0.151	10	0.200 ^c	0.945	10	0.613
	PMd-M1	Controls	0.135	10	0.200 ^c	0.931	10	0.461
		Patients	0.190	10	0.200 ^c	0.897	10	0.202
	PMd-SMA	Controls	0.159	10	0.200 ^c	0.968	10	0.872
		Patients	0.168	10	0.200 ^c	0.953	10	0.709
	PMd-PMv	Controls	0.198	10	0.200 ^c	0.915	10	0.314
		Patients	0.200	10	0.200 ^c	0.900	10	0.221
	M1-SC	Controls	0.263	10	0.048	0.847	10	0.053
		Patients	0.160	10	0.200 ^c	0.931	10	0.458
	PMv-SMA	Controls	0.141	10	0.200 ^c	0.953	10	0.708
		Patients	0.155	10	0.200 ^c	0.961	10	0.802
	Inter-PMd	Controls	0.148	10	0.200 ^c	0.949	10	0.660
		Patients	0.134	10	0.200 ^c	0.927	10	0.422
	Inter-PMv	Controls	0.196	10	0.200 ^c	0.947	10	0.631
		Patients	0.145	10	0.200 ^c	0.954	10	0.720
Inter-M1	Controls	0.191	10	0.200 ^c	0.906	10	0.252	
	Patients	0.169	10	0.200 ^c	0.952	10	0.687	
Inter-SMA	Controls	0.168	10	0.200 ^c	0.965	10	0.845	
	Patients	0.314	10	0.006	0.815	10	0.022	
Tp3	M1-SMA	Patients	0.176	10	0.200 ^c	0.870	10	0.099
	PMd-M1	Patients	0.259	10	0.056	0.842	10	0.047
	PMd-SMA	Patients	0.196	10	0.200 ^c	0.959	10	0.772
	PMd-PMv	Patients	0.122	10	0.200 ^c	0.956	10	0.738
	M1-SC	Patients	0.194	10	0.200 ^c	0.871	10	0.103
	PMv-SMA	Patients	0.175	10	0.200 ^c	0.908	10	0.270
	Inter-PMd	Patients	0.422	10	0.000	0.599	10	0.000
	Inter-PMv	Patients	0.297	10	0.013	0.720	10	0.002
	Inter-M1	Patients	0.350	10	0.001	0.669	10	0.000
	Inter-SMA	Patients	0.356	10	0.001	0.629	10	0.000

^aLilliefors significance correction.

^bShapiro-Wilk test: if sig. >0.05, the data are normal distribution. If it is below 0.05, the data significantly deviate from a normal distribution.

^cThis is a lower bound of the true significance.

MTR, magnetization transfer ratio; M1, primary motor area; PMd, premotor dorsal area; PMv, premotor ventral area; SC, somatosensory cortex; SMA, supplementary motor area.