

SUPPLEMENTARY TABLE S1. NORMALITY TEST FOR GFA 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	0.161	10	0.200 ^c	0.951	10	0.677
		Patients	0.165	10	0.200 ^c	0.971	10	0.900
	PMd-M1	Controls	0.194	10	0.200 ^c	0.905	10	0.246
		Patients	0.173	10	0.200 ^c	0.930	10	0.453
	PMd-SMA	Controls	0.139	10	0.200 ^c	0.984	10	0.983
		Patients	0.143	10	0.200 ^c	0.963	10	0.819
	PMd-PMv	Controls	0.146	10	0.200 ^c	0.935	10	0.501
		Patients	0.126	10	0.200 ^c	0.971	10	0.904
	M1-SC	Controls	0.124	10	0.200 ^c	0.966	10	0.853
		Patients	0.181	10	0.200 ^c	0.922	10	0.378
	PMv-SMA	Controls	0.150	10	0.200 ^c	0.929	10	0.435
		Patients	0.200	10	0.200 ^c	0.946	10	0.616
	Inter-PMd	Controls	0.177	10	0.200 ^c	0.941	10	0.560
		Patients	0.203	10	0.200 ^c	0.938	10	0.528
	Inter-PMv	Controls	0.209	10	0.200 ^c	0.783	10	0.009
		Patients	0.238	10	0.113	0.875	10	0.113
Inter-M1	Controls	0.137	10	0.200 ^c	0.971	10	0.903	
	Patients	0.185	10	0.200 ^c	0.939	10	0.538	
Inter-SMA	Controls	0.140	10	0.200 ^c	0.956	10	0.740	
	Patients	0.178	10	0.200 ^c	0.953	10	0.698	
Tp2	M1-SMA	Controls	0.152	10	0.200 ^c	0.940	10	0.549
		Patients	0.182	10	0.200 ^c	0.937	10	0.520
	PMd-M1	Controls	0.164	10	0.200 ^c	0.902	10	0.228
		Patients	0.144	10	0.200 ^c	0.959	10	0.772
	PMd-SMA	Controls	0.192	10	0.200 ^c	0.900	10	0.221
		Patients	0.195	10	0.200 ^c	0.949	10	0.652
	PMd-PMv	Controls	0.152	10	0.200 ^c	0.945	10	0.607
		Patients	0.143	10	0.200 ^c	0.949	10	0.656
	M1-SC	Controls	0.146	10	0.200 ^c	0.962	10	0.806
		Patients	0.196	10	0.200 ^c	0.929	10	0.435
	PMv-SMA	Controls	0.153	10	0.200 ^c	0.958	10	0.767
		Patients	0.183	10	0.200 ^c	0.929	10	0.441
	Inter-PMd	Controls	0.142	10	0.200 ^c	0.970	10	0.893
		Patients	0.121	10	0.200 ^c	0.978	10	0.954
	Inter-PMv	Controls	0.239	10	0.111	0.929	10	0.436
		Patients	0.158	10	0.200 ^c	0.933	10	0.480
Inter-M1	Controls	0.114	10	0.200 ^c	0.981	10	0.969	
	Patients	0.281	10	0.024	0.664	10	0.000	
Inter-SMA	Controls	0.180	10	0.200 ^c	0.927	10	0.417	
	Patients	0.184	10	0.200 ^c	0.888	10	0.160	
Tp3	M1-SMA	Patients	0.150	10	0.200 ^c	0.958	10	0.766
	PMd-M1	Patients	0.190	10	0.200 ^c	0.890	10	0.172
	PMd-SMA	Patients	0.180	10	0.200 ^c	0.908	10	0.270
	PMd-PMv	Patients	0.180	10	0.200 ^c	0.968	10	0.871
	M1-SC	Patients	0.168	10	0.200 ^c	0.889	10	0.167
	PMv-SMA	Patients	0.267	10	0.042	0.858	10	0.072
	Inter-PMd	Patients	0.205	10	0.200 ^c	0.958	10	0.760
	Inter-PMv	Patients	0.187	10	0.200 ^c	0.944	10	0.594
	Inter-M1	Patients	0.173	10	0.200 ^c	0.908	10	0.265
Inter-SMA	Patients	0.137	10	0.200 ^c	0.945	10	0.611	

^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.

GFA, generalized fractional anisotropy; M1, primary motor area; PMd, premotor dorsal area; PMv, premotor ventral area; SC, somato-sensory cortex; SMA, supplementary motor area.