

Supplementary Table 2. Partial correlations of the GFA values of the PSTP loop, prefronto-parietal/occipital, prefrontal/parietal CFs, and auditory fiber groups with normalized changes of the number of total errors of the IED test for the TCC and CON groups

	PSTP group	Prefronto-parietal/occipital tracts	Prefrontal/parietal CFs	Auditory tracts
TCC group	r= -0.63 p= 0.009*	r= -0.55 p= 0.026	r= -0.35 p= 0.189	r= -0.07 p= 0.810
CON group	r= 0.18 p= 0.497	r= -0.03 p= 0.911	r= 0.14 p= 0.619	r= 0.27 p= 0.408

CFs, callosal fibers; CON, control group; GFA, generalized fractional anisotropy; IED, Intra-Extra Dimensional Set Shift; PSTP, prefronto-striato-thalamo-prefrontal; TCC, Tai Chi Chuan group. * $p < 0.0125$ (= 0.05/4 adjusted): significant correlations.