

Supplementary Tabel 1. The FCs in L+R- group that survived paired *t* test with Bonferroni correction at alpha band

<i>t</i>	<i>p</i> _{bonferroni}	<i>Node1</i>	<i>Node2</i>
3.42	.014	F_l	P_l
3.83	.004	F_l	P_r
4.10	.001	F_l	T_l
4.98	<.001	F_l	T_r
3.42	.014	F_r	P_r
3.01	.049	P_l	T_l
3.84	.003	P_r	T_l
4.93	<.001	P_r	O_l
3.49	.011	T_l	T_r
5.34	<.001	T_l	O_l
5.14	<.001	T_l	O_r
4.13	.001	O_l	O_r

Note. L+R-: anodal stimulation on F7 and cathodal stimulation on F8; l: left side; r: right side; F: Frontal area; T: Temporal area; P: Parietal area; O: Occipital area

Supplementary Tabel 2. The FCs in L-R+ group that survived paired *t* test with Bonferroni correction at alpha band

<i>t</i>	<i>p</i> _{bonferroni}	<i>Node1</i>	<i>Node2</i>
4.26	.001	F_l	P_l
3.82	.004	F_l	P_r
3.63	.007	F_l	T_r
4.77	<.001	F_r	P_l
3.20	.028	F_r	T_r
6.45	<.001	P_l	P_r
3.18	.030	P_l	T_l
4.45	<.001	P_l	O_r
4.88	<.001	P_r	T_r
4.03	.002	P_r	O_l
3.58	.008	T_l	O_l

Note. L-R+: cathodal stimulation on F7 and anodal stimulation on F8; l: left side; r: right side; F: Frontal area; T: Temporal area; P: Parietal area; O: Occipital area

Supplementary Tabel 3. The FCs in Sham group that survived paired *t* test with Bonferroni correction at alpha band

<i>t</i>	<i>p</i> _{bonferroni}	<i>Node1</i>	<i>Node2</i>
3.37	.016	F_l	T_l
4.70	<.001	F_l	T_r
3.07	.041	F_r	O_l
3.89	.003	P_l	T_l
4.03	.002	P_l	O_r
3.90	.003	P_r	O_r

Note. Sham: Sham control for tDCS; l: left side; r: right side; F: Frontal area; T: Temporal area; P: Parietal area; O: Occipital area

Supplementary Tabel 4. The FCs in L+R- group that survived paired *t* test with Bonferroni correction at beta band

<i>t</i>	<i>p</i> _{bonferroni}	<i>Node1</i>	<i>Node2</i>
3.16	.031	F_l	P_l
3.38	.016	F_l	P_r
4.90	<.001	F_l	T_l
4.67	<.001	F_l	T_r
3.76	.005	F_r	P_r
6.54	<.001	F_r	O_l
3.16	.032	F_r	O_r
4.41	<.001	P_r	T_l
3.73	.005	P_r	T_r
4.38	.001	T_l	T_r
4.43	<.001	T_r	O_l

Note. L+R-: anodal stimulation on F7 and cathodal stimulation on F8; l: left side; r: right side; F: Frontal area; T: Temporal area; P: Parietal area; O: Occipital area

Supplementary Tabel 5. The FCs in L-R+ group that survived paired *t* test with Bonferroni correction at beta band

<i>t</i>	<i>p</i> _{bonferroni}	<i>Node1</i>	<i>Node2</i>
3.91	.003	F_l	O_l
3.12	.035	F_r	O_r
3.32	.019	P_l	O_r
5.17	<.001	P_r	T_l
3.72	.005	P_r	O_l
3.69	.006	T_l	T_r
3.01	.050	O_l	O_r

Note. L-R+: cathodal stimulation on F7 and anodal stimulation on F8; l: left side; r: right side; F: Frontal area; T: Temporal area; P: Parietal area; O: Occipital area

Supplementary Tabel 6. The FCs in Sham group that survived paired *t* test with Bonferroni correction at beta band

<i>t</i>	<i>p</i> _{bonferroni}	<i>Node1</i>	<i>Node2</i>
3.67	.006	F_l	F_r
4.92	<.001	F_l	T_l
4.57	<.001	F_l	O_l
4.15	0.001	F_r	P_r
4.40	<.001	P_l	P_r
3.79	.004	T_l	T_r
5.87	<.001	T_l	O_l

Note. Sham: Sham control for tDCS; l: left side; r: right side; F: Frontal area; T: Temporal area; P: Parietal area; O: Occipital area