

Appendix A

Results of group differences in alpha rhythm spectral power relative change between EC and EO conditions in relation to electrodes by using *T* test.

Electrodes	Group	EC mean $\pm$ SD	EO mean $\pm$ SD	Relative change	<i>t</i> (58)	<i>p</i> -value
Fp1	SLI	3.90 $\pm$ 1.93	2.24 $\pm$ 1.33	0.380	-1.045	0.302
	TD	3.54 $\pm$ 2.22	2.14 $\pm$ 1.38	0.263		
Fp2	SLI	3.69 $\pm$ 1.74	2.28 $\pm$ 1.29	0.230	-0.573	0.569
	TD	3.65 $\pm$ 2.05	2.41 $\pm$ 1.52	0.226		
F3	SLI	4.12 $\pm$ 1.94	2.92 $\pm$ 1.42	0.227	-0.822	0.415
	TD	4.23 $\pm$ 2.15	3.37 $\pm$ 1.84	0.169		
F4	SLI	3.82 $\pm$ 1.71	3.15 $\pm$ 1.52	0.085	-0.003	0.998
	TD	4.48 $\pm$ 2.36	3.75 $\pm$ 1.79	0.085		
C3	SLI	5.76 $\pm$ 6.40	4.56 $\pm$ 5.40	0.201	-0.664	0.510
	TD	7.00 $\pm$ 5.83	5.84 $\pm$ 4.96	0.152		
C4	SLI	5.55 $\pm$ 6.43	4.53 $\pm$ 3.83	0.121	0.347	0.730
	TD	7.60 $\pm$ 7.17	5.80 $\pm$ 4.73	0.148		
P3	SLI	6.43 $\pm$ 4.34	3.71 $\pm$ 2.38	0.353	-1,529	0.132
	TD	8.16 $\pm$ 4.63	6.08 $\pm$ 4.68	0.220		
P4	SLI	8.58 $\pm$ 5.16	4.51 $\pm$ 2.93	0.417	-0.654	0.515
	TD	10.24 $\pm$ 6.35	6.33 $\pm$ 5.08	0.371		
O1	SLI	23.50 $\pm$ 18.75	11.37 $\pm$ 12.97	0.496	-0.708	0.482
	TD	33.40 $\pm$ 24.88	19.19 $\pm$ 18.30	0.444		
O2	SLI	26.64 $\pm$ 24.74	11.47 $\pm$ 12.96	0.502	-0.799	0.427
	TD	41.13 $\pm$ 31.95	24.23 $\pm$ 24.25	0.450		
F7	SLI	4.18 $\pm$ 2.44	2.94 $\pm$ 1.37	0.214	-0.447	0.656
	TD	3.98 $\pm$ 2.05	3.11 $\pm$ 1.69	0.180		
F8	SLI	4.41 $\pm$ 3.92	3.06 $\pm$ 1.71	0.294	-0.831	0.409
	TD	4.33 $\pm$ 2.11	3.58 $\pm$ 1.79	0.137		

Electrodes	Group	EC mean $\pm$ SD	EO mean $\pm$ SD	Relative change	<i>t</i> (58)	<i>p</i> -value
T3	SLI	5.43 $\pm$ 7.73	3.40 $\pm$ 3.11	0.257	−0.823	0.414
	TD	5.55 $\pm$ 2.47	4.31 $\pm$ 2.10	0.211		
T4	SLI	4.70 $\pm$ 1.75	3.43 $\pm$ 1.35	0.235	0.276	0.783
	TD	6.02 $\pm$ 3.39	4.06 $\pm$ 2.01	0.254		
T5	SLI	7.67 $\pm$ 4.97	4.42 $\pm$ 2.56	0.354	−0.119	0.906
	TD	10.82 $\pm$ 5.47	6.98 $\pm$ 5.01	0.346		
T6	SLI	12.56 $\pm$ 8.00	6.05 $\pm$ 3.64	0.460	−0.929	0.357
	TD	15.80 $\pm$ 11.09	8.42 $\pm$ 6.04	0.387		
Fz	SLI	3.82 $\pm$ 1.63	2.90 $\pm$ 1.46	0.212	−0.531	0.597
	TD	4.00 $\pm$ 2.04	3.16 $\pm$ 1.65	0.173		
Cz	SLI	6.04 $\pm$ 4.38	4.48 $\pm$ 2.80	0.200	−1.163	0.250
	TD	6.13 $\pm$ 3.63	5.11 $\pm$ 2.97	0.112		
Pz	SLI	9.53 $\pm$ 5.05	4.59 $\pm$ 2.17	0.446	−0.943	0.350
	TD	11.28 $\pm$ 6.53	7.30 $\pm$ 6.14	0.266		

Note: EC: eyes closed; EO: eyes open. Confidence interval was set to 95%.

Appendix B

Results of group differences in alpha rhythm spectral power relative change between EC and EO conditions in relation to regions by using *T* test.

Region	Group	EC mean $\pm$ SD	EO mean $\pm$ SD	Relative change	<i>t</i> (58)	<i>p</i> -value
Posterior	SLI	13.56 $\pm$ 8.55	6.59 $\pm$ 5.03	0.478	-0.740	0.462
	TD	18.69 $\pm$ 10.44	11.22 $\pm$ 8.71	0.435		
Anterior	SLI	4.23 $\pm$ 2.22	2.92 $\pm$ 1.23	0.257	-0.416	0.679
	TD	4.42 $\pm$ 2.02	3.32 $\pm$ 1.57	0.235		
Central	SLI	5.78 $\pm$ 5.21	6.91 $\pm$ 5.24	0.186	-0.669	0.506
	TD	4.23 $\pm$ 2.15	6.91 $\pm$ 5.24	0.146		

Note: EC: eyes closed; EO: eyes open. Confidence interval was set to 95%.