

Supplementary Table 6. Comparison of cortical activity immediately after treatment and before treatment in the tRNS group (correlated with Fig. 4)

Channel/wave	p-value (tRNS, immediately after treatment vs before treatment)							
	δ	θ	$\alpha 1$	$\alpha 2$	$\beta 1$	$\beta 2$	$\beta 3$	γ
Fz	0.889	>0.999	0.327	0.401	0.123	0.050	0.263	0.263
F3	0.889	0.674	0.484	0.674	0.025	0.017	0.025	0.025
F7	0.674	0.779	0.674	0.889	0.050	0.025	0.025	0.050
FT9	0.889	0.779	0.889	0.575	0.575	0.575	0.401	0.575
FC5	0.575	0.575	0.779	0.575	0.401	0.674	0.401	0.484
FC1	0.674	0.779	0.327	0.484	0.093	0.161	0.401	0.779
C3	0.674	0.889	0.575	0.779	0.401	0.401	0.161	0.093
T7	>0.999	>0.999	0.889	0.575	0.161	0.093	0.093	0.779
CP5	0.889	0.779	0.779	0.674	0.889	0.779	0.674	0.674
CP1	>0.999	0.674	0.889	0.889	0.674	0.484	0.674	0.674
Pz	0.674	0.575	>0.999	0.779	0.093	0.208	>0.999	0.484
P3	0.484	0.889	0.779	0.889	0.123	0.069	0.069	0.263
P7	>0.999	0.779	0.889	0.401	0.401	0.674	0.327	0.123
O1	0.889	0.575	0.401	0.779	0.889	0.889	0.674	0.575
Oz	0.401	0.889	0.575	0.575	0.889	0.889	0.889	0.069
O2	0.208	0.779	0.263	0.484	0.069	0.036	0.093	0.069
P4	0.575	0.401	0.069	0.401	0.484	0.123	0.575	0.161
P8	0.575	0.674	0.263	0.779	0.401	0.208	0.401	0.263
CP6	0.575	0.484	0.575	0.779	0.036	0.036	0.484	0.575
CP2	0.779	0.401	0.889	0.674	0.012*	0.208	0.161	0.263
C4	0.674	0.484	0.093	0.093	0.025	0.025	0.069	0.050
T8	0.327	0.484	0.484	0.327	0.123	0.069	0.123	0.779
FC6	0.674	0.779	0.161	0.401	0.036	0.050	0.674	0.889
FC2	>0.999	0.779	0.327	0.401	0.025	0.017	0.123	0.161
F4	0.779	0.779	0.093	0.263	0.050	0.012*	0.036	0.123
F8	0.263	0.674	0.263	0.484	0.001*	0.008*	0.013*	0.382

*Bonferroni corrected p-value of <0.017. tRNS, transcranial random noise stimulation