

Supplementary Table 2. Tinnitus questionnaire results at each time point

	THI	BDI	Distress	Intensity
Before treatment				
Average $\pm$ SD				
tVNS	44.5 $\pm$ 29.8	18.6 $\pm$ 15.7	5.1 $\pm$ 2.2	5.6 $\pm$ 2.2
tRNS	41.8 $\pm$ 23.7	11.5 $\pm$ 8.0	6.6 $\pm$ 2.3	7.2 $\pm$ 1.7
Range				
tVNS	10–94	1–49	2–8	2–9
tRNS	12–88	1–30	2–10	4–10
Z score	-0.116	-0.986	-1.409	-1.789
p-value (2-tailed)	0.910	0.331	0.167	0.082
After sham treatment				
Average $\pm$ SD				
tVNS	-	-	5.1 $\pm$ 2.1	5.6 $\pm$ 2.1
tRNS	-	-	5.9 $\pm$ 2.8	6.7 $\pm$ 1.3
Range				
tVNS	-	-	2.5–8	2.5–9
tRNS	-	-	1–10	4–10
3 days after real treatment				
Average $\pm$ SD				
tVNS	31.0 $\pm$ 20.7	12.3 $\pm$ 18.8	4.2 $\pm$ 1.6	4.8 $\pm$ 2.0
tRNS	36.8 $\pm$ 18.1	12.3 $\pm$ 5.8	5.1 $\pm$ 2.3	5.8 $\pm$ 1.5
Range				
tVNS	6–64	0–50	1–8	2.5–8
tRNS	10–64	1–19	1–8	3–8
1 month after treatment				
Average $\pm$ SD				
tVNS	29.7 $\pm$ 14.1	11.3 $\pm$ 5.0	4.4 $\pm$ 1.1	4.4 $\pm$ 1.7
tRNS	37.1 $\pm$ 18.1	11.3 $\pm$ 16.7	4.6 $\pm$ 1.8	5.3 $\pm$ 1.5
Range				
tVNS	8–46	2–45	3–6	3–8
tRNS	10–64	0–18	1–6	3–8

tRNS, transcranial random noise stimulation; tVNS, transcutaneous vagus nerve stimulation; THI, Tinnitus Handicap Inventory; BDI, Beck's Depression Inventory