

Supplemental Material S1. Spearman's rank order correlations (Spearman's ρ) between behavioral tinnitus variables (THI score, tinnitus pitch, tinnitus loudness) and BGDТ with measures of silent gap evoked P1-N1-P2 responses for the ChT group.

Measure	Amplitude								Latency						Area		
	Thresh				Supra				Thresh			Supra			Sub	Thresh	Supra
	P1	N1	P2	N1-P2	P1	N1	P2	N1-P2	P1	N1	P2	P1	N1	P2			
THI score	-0.11	-0.03	0.03	0.09	-0.02	-0.20	-0.28	-0.26	0.46	-0.26	-0.18	-0.34	-0.45	-0.41	-0.07	0.25	-0.13
Tinnitus pitch	0.11	-0.08	-0.24	-0.13	-0.53	0.28	-0.46	-0.47	-0.10	0.19	-0.16	0.09	-0.06	-0.08	-0.56 ($p = .046$)	-0.54	-0.38
Tinnitus loudness	0.01	0.01	-0.11	-0.01	0.04	0.03	0.17	0.07	-0.18	-0.32	-0.55	-0.27	-0.34	-0.76 ($p = .003$)	-0.18	-0.18	0.07
BGDT	-0.20	-0.16	-0.06	0.15	-0.40	-0.33	-0.10	0.13	-0.01	0.43	0.19	-0.18	0.23	0.84 ($p < .001$)	-0.03	0.17	-0.07

Note. Bolded text indicates significance at $\alpha = .05$; α level corrected for multiple comparisons = .001. *Spearman's ρ* = Spearman's rho; THI = Tinnitus Handicap Inventory (Newman, Jacobson, & Spitzer, 1996); BGDT = behavioral gap detection threshold; ChT = chronic tinnitus; Sub = subthreshold gap condition; Thresh = threshold gap condition; Supra = suprathreshold gap condition.

Reference

Newman, C. W., Jacobson, G. P., & Spitzer, J. B. (1996). Development of the Tinnitus Handicap Inventory. *Archives of Otolaryngology—Head & Neck Surgery*, 122(2), 143–148.