

Supplemental tables

<i>Predictors</i>	<i>Est.</i>	<i>CI</i>	<i>p</i>
(intercept)	5.49	3.95 – 7.03	<0.001
no tinnitus	0.48	-1.07 – 2.04	0.540
chronic	3.34	0.93 – 5.74	0.010
Observations	8230		
Marginal R ² / Conditional R ²	0.011 / N/A		

Supplemental Table 1: Analysis of audiometric threshold differences using mixed-effects regression. The group of participants with intermittent tinnitus was set as baseline. Est.: Estimates.

<i>Variable</i>	<i>no tinnitus vs. chronic</i>		<i>no tinnitus vs. intermittent</i>		<i>intermittent vs. chronic</i>	
	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
AP* amplitude	-3.223	0.002	-2.043	0.043	1.256	0.214
N ₁ */N ₂ *	-3.203	0.002	-2.455	0.015	1.791	0.079
N ₁ */N ₃ *	-2.102	0.037	-2.008	0.046	0.469	0.641
N ₁ */N ₅ *	-0.500	0.618	-1.932	0.055	-1.068	0.290
N ₁ * latency	0.565	0.573	-0.082	0.935	-0.523	0.604
N ₂ * latency	0.364	0.716	1.023	0.308	0.478	0.635
N ₃ * latency	0.408	0.684	0.753	0.452	0.203	0.840
N ₅ * latency	1.530	0.128	0.052	0.959	-1.240	0.220
N ₅ * - N ₁ * latency	1.396	0.165	0.167	0.868	-0.833	0.409

Supplemental Table 2: Pairwise comparisons between groups using mixed-effects model with groups in fixed-effects and participants in random effects.

<i>Variable</i>	<i>no tinnitus</i>		<i>chronic</i>	
	<i>no masker vs. masker</i>		<i>no masker vs. masker</i>	
	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
AP* amplitude	8.179	<0.001	1.677	0.098
N ₁ */N ₂ *	4.707	<0.001	1.900	0.062
N ₁ */N ₃ *	4.412	<0.001	0.455	0.650
N ₁ */N ₅ *	2.665	0.008	2.849	0.006
N ₁ * latency	-4.324	<0.001	-1.170	0.246
N ₂ * latency	-3.495	0.001	0.376	0.708
N ₃ * latency	-6.666	<0.001	-0.304	0.762
N ₅ * latency	-7.536	<0.001	0.133	0.894
N ₅ * - N ₁ * latency	-4.596	<0.001	0.542	0.589

Supplemental Table 3: Pairwise comparisons between unmasked vs. masked conditions using mixed-effects model with masker effects in fixed effects and participants in random effects.

<i>no tinnitus</i>			<i>chronic</i>	
<i>9.1 vs. 40.1 Hz</i>			<i>9.1 vs. 40.1 Hz</i>	
<i>Variable</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
AP* amplitude	20.504	<0.001	7.551	<0.001
N ₁ */N ₂ *	1.361	0.174	-0.108	0.915
N ₁ */N ₃ *	2.428	0.016	0.842	0.403
N ₁ */N ₅ *	4.114	<0.001	4.413	<0.001
N ₁ * latency	-7.211	<0.001	-3.352	0.001
N ₂ * latency	-7.705	<0.001	-3.720	<0.001
N ₃ * latency	-12.527	<0.001	-5.934	<0.001
N ₅ * latency	-14.158	<0.001	-6.708	<0.001
N ₅ * - N ₁ * latency	-11.308	<0.001	-2.397	0.019

Supplemental Table 4: Pairwise comparisons between slow (9.1 Hz) vs. fast rate (40.1 Hz) conditions using mixed-effects model with rate effects in fixed effects and participants in random effects.

<i>no tinnitus</i>			<i>chronic</i>	
<i>110 vs. 125 dBpSPL</i>			<i>110 vs. 125 dBpSPL</i>	
<i>Variable</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
AP* amplitude	-7.158	<0.001	-1.660	0.108
N ₁ */N ₂ *	2.667	0.009	1.720	0.096
N ₁ */N ₃ *	-0.106	0.916	1.427	0.164
N ₁ */N ₅ *	-2.639	0.009	0.489	0.629
N ₁ * latency	9.491	<0.001	6.448	<0.001
N ₂ * latency	11.013	<0.001	5.894	<0.001
N ₃ * latency	8.523	<0.001	3.716	0.001
N ₅ * latency	6.960	<0.001	2.991	0.006
N ₅ * - N ₁ * latency	-0.229	0.819	-0.329	0.745

Supplemental Table 5: Pairwise comparisons between stimulus presentation levels (110 vs. 125 dB pSPL) using mixed-effects model with level effects in fixed effects and participants in random effects.

MEMR threshold

<i>Method</i>	<i>control vs. chronic</i>		<i>control vs. intermittent</i>		<i>intermittent vs. chronic</i>	
	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
At highest mag.	2.096	0.040	-1.876	0.064	-2.965	0.006
At highest gain	3.011	0.004	0.475	0.636	-2.643	0.013
.5-5 kHz window	3.246	0.002	-0.272	0.786	-3.853	0.001
At lowest thr.	2.523	0.013	-0.285	0.776	-2.438	0.020
.5-2 kHz window	2.989	0.004	1.095	0.277	-2.472	0.020

MEMR strength

<i>Variable</i>	<i>control vs. chronic</i>		<i>control vs. intermittent</i>		<i>intermittent vs. chronic</i>	
	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
At highest mag.	-2.087	0.040	-0.559	0.578	2.073	0.046
At highest gain	-1.722	0.089	-0.881	0.381	1.045	0.304

.5-5 kHz window	-2.018	0.047	-0.366	0.715	2.162	0.038
At lowest thr.	-2.125	0.038	-1.190	0.238	1.220	0.232
.5-2 kHz window	-1.752	0.084	-1.886	0.063	0.231	0.819

Supplemental Table 6: Pairwise comparisons between groups using mixed-effects model with groups in fixed-effects and participants in random effects.

	<i>control vs. chronic</i>		<i>control vs. intermittent</i>		<i>intermittent vs. chronic</i>	
	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
1.0 – 1.4	2.618	0.009	0.598	0.550	-1.622	0.107
1.4 – 2.0	2.294	0.023	0.345	0.730	-1.644	0.103
2.0 – 2.8	1.479	0.141	1.892	0.059	-0.005	0.996
1.0 – 2.8	2.532	0.012	1.033	0.302	-1.364	0.175

Supplemental Table 7: Pairwise comparisons of MOCR strength between groups.