

**Supplemental Material S1.** Demographic and cognitive variables for those with normal hearing and hearing loss (based on the cutoff of a 25 dB HL pure-tone average of thresholds at 500, 1000, 2000, and 4000 Hz in the worse ear). Males normal hearing  $n = 25$ , hearing loss  $n = 52$ ; females normal hearing  $n = 67$ , hearing loss  $n = 49$ . Findings are reported as mean (*SD*). Significant differences between participants with normal hearing and hearing loss are noted as  $*p < .05$ .

		Normal hearing	Hearing loss	<i>p</i>	Effect size
<b>Age (years)</b>	<b>Males</b>	65.80 (4.54)	70.40 (5.31)	< .001*	.16
	<b>Females</b>	66.31 (4.13)	72.12 (6.23)	< .001*	.21
<b>Education (years)</b>	<b>Males</b>	16.90 (2.61)	16.67 (3.33)	.787	.001
	<b>Females</b>	16.56 (2.37)	15.87 (3.72)	.270	.002
<b>Depression (% yes)</b>	<b>Males</b>	10.0	10.2	.980	.003
	<b>Females</b>	10.8	11.6	.889	.013
<b>MoCA score (Max = 30)</b>	<b>Males</b>	26.56 (2.35)	26.17 (2.29)	.493	.006
	<b>Females</b>	28.00 (1.64)	26.67 (2.63)	.003*	.07
<b>MoCA-Modified score (Max = 20)</b>	<b>Males</b>	18.68 (1.65)	18.40 (1.46)	.459	.007
	<b>Females</b>	19.13 (.95)	18.37 (1.90)	.012*	.05

*Note.* PTA = pure-tone average of 500, 1000, 2000, 4000 Hz in the worse ear; MoCA = Montreal Cognitive Assessment; MoCA-Modified, MoCA Hearing. Results for self-reported depression status are from a chi-square analysis and effect sizes reported are Cramer's  $V$ . Due to violation of the homogeneity of variance assumption, Welch's ANOVA procedure was used and  $\omega^2$  effect sizes are reported for the following variables: male age, female age, education, MoCA, and MoCA-Modified scores. For all other variables, a univariate ANOVA was used and effect sizes reported are  $\eta_p^2$ .