

**Supplemental Material S1.** The findings of the original multiple regression models for all primary and secondary outcome measures treating both occupational noise exposure and age as continuous predictor variables.

Outcome variable per regression model	Predictor variables	Adjusted $R^2$	$F(df)$	$p$ -value	Beta	95%CI of Beta
<b>DIN thresholds</b>	Occupational noise exposure	.426	9.052 (1,151)	.003**	—	—
	Age	.426	22.805 (1,151)	< .0001***	—	—
<b>SSQ12 scores</b>	Occupational noise exposure	.149	6.915 (1, 250)	.009**	—	—
	Age	.149	15.135 (1, 250)	< .0001***	—	—
<b>Tinnitus presence</b>	Occupational noise exposure	—	—	.045*	1.30	1.006–1.679
	Age	—	—	.129	0.979	0.953–1.006
<b>Hyperacusis scores</b>	Occupational noise exposure	.147	11.152 (1, 250)	.001**	—	—
	Age	.147	0.784 (1, 250)	.377	—	—
<b>THI scores</b>	Occupational noise exposure	.150	6.066 (1, 58)	.018*	—	—
	Age	.150	0.885 (1, 58)	.352	—	—

\* $p < .05$ . \*\* $p < .01$ . \*\*\* $p < .001$