

**Table S1.** Multivariate-adjusted effect estimates (95% CI) of hearing thresholds (dBHL) at individual frequencies with IQR increment in occupational noise exposure (dBA), stratified according to occupational exposure to ototoxic chemicals.

Frequency Stratification variable	Per noise IQR <sup>a</sup>		p-value for interaction
	Estimate	(95% CI)	
0.5kHz			
Heavy metals			<.001
<i>Non exposure</i>	0.11	(-0.14, 0.36)	
<i>Exposure</i>	-0.90	(-1.43, -0.38)*	
Organic chemicals			0.185
<i>Non exposure</i>	-0.23	(-0.47, 0.02)*	
<i>Exposure</i>	0.34	(-0.44, 1.12)	
1kHz <sup>b</sup>			
Heavy metals			0.283
<i>Non exposure</i>	0.55	(0.27, 0.82)*	
<i>Exposure</i>	0.89	(0.29, 1.49)*	
Organic chemicals			0.249
<i>Non exposure</i>	0.57	(0.31, 0.84)*	
<i>Exposure</i>	1.11	(0.28, 1.95)*	
2kHz			
Heavy metals			<.001
<i>Non exposure</i>	1.32	(1.00, 1.63)*	
<i>Exposure</i>	2.82	(2.12, 3.52)*	
Organic chemicals			0.099
<i>Non exposure</i>	1.59	(1.29, 1.90)*	
<i>Exposure</i>	2.49	(1.56, 3.42)*	
3kHz			
Heavy metals			0.002
<i>Non exposure</i>	2.60	(2.21, 2.99)*	
<i>Exposure</i>	3.98	(3.19, 4.77)*	
Organic chemicals			0.002
<i>Non exposure</i>	2.74	(2.37, 3.11)*	
<i>Exposure</i>	4.79	(3.61, 5.97)*	
4kHz			
Heavy metals			0.051
<i>Non exposure</i>	2.02	(1.61, 2.44)*	
<i>Exposure</i>	2.95	(2.16, 3.74)*	
Organic chemicals			<.001
<i>Non exposure</i>	1.85	(1.47, 2.24)*	
<i>Exposure</i>	6.00	(4.72, 7.29)*	
6kHz			
Heavy metals			0.120
<i>Non exposure</i>	2.42	(1.96, 2.88)*	
<i>Exposure</i>	3.24	(2.34, 4.14)*	
Organic chemicals			<.001
<i>Non exposure</i>	2.19	(1.76, 2.62)*	
<i>Exposure</i>	6.51	(5.10, 7.92)*	

Models were adjusted for age, age<sup>2</sup>, sex, BMI, and hypertension, defined in Model C, Table 3.

CI, confidence interval

<sup>a</sup> PTA (dBHL) change per interquartile range (IQR) of occupational noise, 94.26 dBA - 84.74 dBA : 9.52 dBA

<sup>b</sup> Hearing thresholds at 1 kHz were obtained from primary audiometric tests.

\**p*<0.05