**Supplemental Table 1- Factors associating with tinnitus and problematic tinnitus**

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|  |  | **Model 1** | **Model 2** |
| **Predictors\*** | **Problematic tinnitus**  ***(ref=no tinnitus)*** | **OR (95% CI)** | **OR (95% CI)** |
| Age, yr | Non-problematic Tinnitus | 1.02 (1.004,1.05) | 1.02 (1.001,1.04) |
|  | Tinnitus with problem | 1.03 (1.03,1.04) | 1.03 (1.02, 1.04) |
| Race/ethnicity *(ref= NH-White)* |  |  |  |
| Hispanic | Non-problematic Tinnitus | 0.68 (0.46,0.996) | 0.67 (0.45,0.98) |
|  | Tinnitus with problem | 1.02 (0.79,1.30) | 1.00 (0.78,1.28) |
| NH-Black | Non-problematic Tinnitus | 0.68 (0.44,1.00) | 0.66 (0.44,1.00) |
|  | Tinnitus with problem | 0.67 (0.53,0.83) | 0.66 (0.53,0.83) |
| NH-Others | Non-problematic Tinnitus | 0.66 (0.39,1.13) | 0.66 (0.39,1.13) |
|  | Tinnitus with problem | 1.01 (0.71,1.44) | 1.00 (0.70,1.43) |
| Smoking Status *(ref=never smoke)* |  |  |  |
| Former smokers | Non-problematic Tinnitus | 0.67 (0.44,1.09) | 0.67 (0.41,1.08) |
|  | Tinnitus with problem | 0.81 (0.54,1.22) | 0.81 (0.54,1.21) |
| Current smokers | Non-problematic Tinnitus | 1.26 (0.89,1.78) | 1.24 (0.88,1.76) |
|  | Tinnitus with problem | 1.05 (0.84,1.32) | 1.04 (0.83,1.30) |
| BMI, kg/m2 | Non-problematic Tinnitus | 1.01 (0.99,1.04) | 1.01 (0.99,1.04) |
|  | Tinnitus with problem | 1.01 (.999,1.03) | 1.01 (1.00,1.03) |
| Sleep trouble *(Yes vs No)* | Non-problematic Tinnitus | 0.93 (0.60,1.44) | 0.94 (0.61,1.45) |
|  | Tinnitus with problem | 2.02 (1.53,2.67) | 2.03 (1.54,2.69) |
| Any comorbidities *(Yes vs No)* | Non-problematic Tinnitus | 1.05 (0.64,1.72) | 1.06 (0.65,1.72) |
|  | Tinnitus with problem | 1.43 (1.06,1.94) | 1.44 (1.068,1.94) |
| Ever used firearm (Yes vs No) | Non-problematic Tinnitus | 1.55 (1.13,2.13) | 1.55 (1.13,2.12) |
|  | Tinnitus with problem | 1.23 (0.95,1.61) | 1.22 (0.94,1.59) |
| Had off work exposure to loud noise *(Yes vs No)* | Non-problematic Tinnitus | 1.30 (0.81,2.09) | 1.29 (0.80,2.08) |
|  | Tinnitus with problem | 1.61 (1.19,2.18) | 1.59 (1.17,2.16) |
| Ever had a job exposure to loud noise *(Yes vs No)* | Non-problematic Tinnitus | 1.38 (0.92,2.07) | 1.37 (0.92,2.06) |
|  | Tinnitus with problem | 2.02 (1.62,2.52) | 2.00 (1.60,2.50) |
| Pure tone average (low)\*\* | Non-problematic Tinnitus | 1.00 (1.00,1.00) |  |
|  | Tinnitus with problem | 1.002 (1.001,1.004) |  |
| Pure tone average (hi)\*\* | Non-problematic Tinnitus |  | 1.003 (1.001,1.01) |
|  | Tinnitus with problem |  | 1.003 (1.002,1.01) |
| Depression *(Yes vs No)* | Non-problematic Tinnitus | 1.74 (1.25,2.43) | 1.74 (1.25,2.42) |
|  | Tinnitus with problem | 1.50 (1.23,1.84) | 1.50 (1.002,1.83) |

\* Excluding 572 patients with missing data or who refused to answer the question.

\*\* Hearing sensitivity was conducted on both ears at seven frequencies, low (0.5, 1.0, 2.0 kHz) and high frequency (3.0, 4.0, 6.0, 8.0 kHz). PTAs were calculated for each ear then averaged across ears.