

Supplemental Online Content

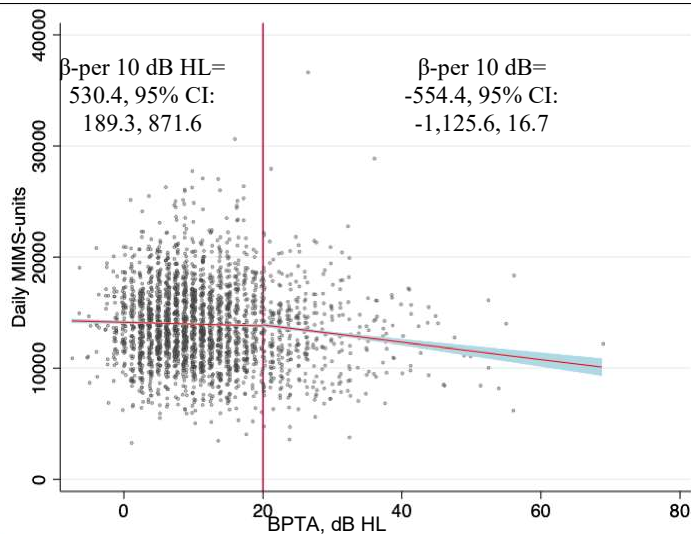
Martinez-Amezcuca P, Dooley EE, Reed NS, et al. Association of hearing impairment and 24-hour total movement activity in a representative sample of US adults. *JAMA Netw Open*. 2022;5(3):e222983. doi:10.1001/jamanetworkopen.2022.2983

eFigure. Sensitivity Analyses: Linear Spline Terms With Knots at Different Positions and Cubic Terms

This supplemental material has been provided by the authors to give readers additional information about their work.

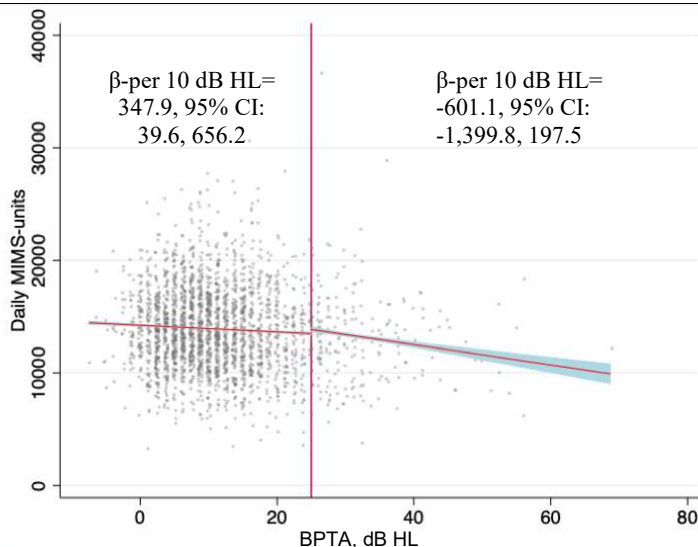
eFigure. Sensitivity Analyses: Linear Spline Terms With Knots at Different Positions and Cubic Terms

A. Knot at 20 dB HL



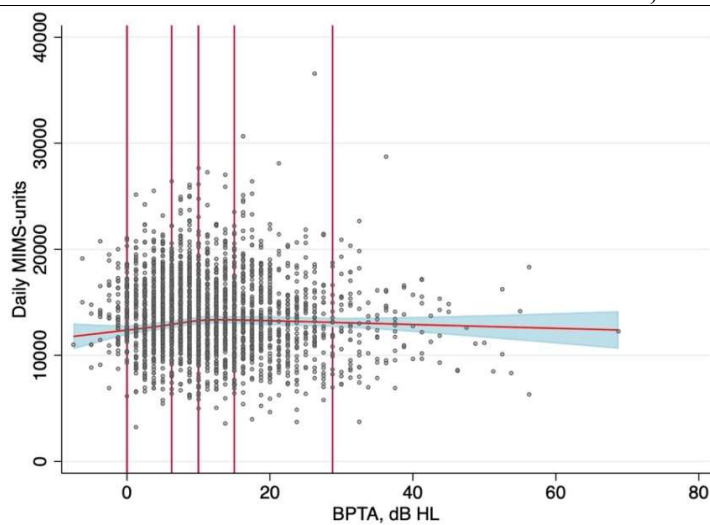
Adjusted for covariates in model 2: age, sex, race/ethnicity, education, marital status, BMI, diabetes, hypertension, smoking status, and stroke, heart attack, and heart failure. β -coefficients estimated with multivariable-adjusted linear regression adding a linear spline with the knot at 20 dB HL. Abbreviations: MIMS-units=Monitor-independent movement summary units (higher MIMS-units= more movement); dB HL= decibels hearing level

B. Knot at 25 dB HL



Adjusted for covariates in model 2: age, sex, race/ethnicity, education, marital status, BMI, diabetes, hypertension, smoking status, and stroke, heart attack, and heart failure. β -coefficients estimated with multivariable-adjusted linear regression adding a linear spline with the knot at 25 dB HL. Abbreviations: MIMS-units=Monitor-independent movement summary units (higher MIMS-units= more movement); dB HL= decibels hearing level

C. Cubic terms, 5 knots



Adjusted for covariates in model 2: age, sex, race/ethnicity, education, marital status, BMI, diabetes, hypertension, smoking status, and stroke, heart attack, and heart failure. β -coefficients estimated with multivariable-adjusted linear regression adding splines with cubic terms with 5 knots, the positions were determined by Harrell's default percentiles. Abbreviations: MIMS-units=Monitor-independent movement summary units (higher MIMS-units= more movement); dB HL= decibels hearing level