Supplementary material for Van Esch T.E.M, et al. 2014. Relations between psychophysical measures of spatial hearing and self-reported spatial-hearing abilities. *Int J Audiol*, 54, 182–189.

Appendix

Supplementary Appendix Figures 1 to 4 shows scatter plots of Gothenburg profile results versus average hearing loss, minimum audible angle, spatial SRT benefit, and binaural SRT benefit results in the HI group, to further evaluate the correlations presented in Table 1.

Supplementary Appendix Figure 1. Gothenburg profile results versus average hearing loss (PTA (0.5, 1, 2, 4 kHz) averaged over both ears). Scatter plots of results from HI listeners are shown for the sound localization category (left panel), question #6 (middle panel), and question #7 (right panel).

Supplementary Appendix Figure 2. Gothenburg profile results (vertical axes) versus MAA results (horizontal axes). Scatter plots of results from HI listeners are shown for the sound localization category (upper row), question #6 (middle row), and question #7 (bottom row) and for log-transformed results of MAA measurements with broadband, low pass, and high pass stimuli (left, middle, and right column, respectively).

Supplementary Appendix Figure 3. Gothenburg profile results (vertical axes) versus spatial SRT benefit results (horizontal axes). Scatter plots of results from HI listeners are shown for the sound localization category (upper row), question #6 (middle row), and question #7 (bottom row) and for noise-left and noise-right measurements (left and right column, respectively).

Supplementary Appendix Figure 4. Gothenburg profile results (vertical axes) versus binaural SRT benefit results (horizontal axes). Scatter plots of results from HI listeners are shown for the sound localization category (upper row), question #6 (middle row), and question #7 (bottom row), and for noise-left and noise-right measurements (left and right column, respectively).