Extended Data Figure 1-1. Tinnitus subject demographic and audiological information.

Tinnitus subject demographic and audiological information. A total of 45 tinnitus subjects participated in the study, indicated by subject codes from 1 to 45, followed by age (years); C (category: Y, young; O, old); S (sex: F, female; M, male); audiometric thresholds (dB HL) from 125 to 8000 Hz; and self-reported tinnitus type, tinnitus laterality, and etiology. TSI (tinnitus severity index) is the average of tinnitus functional index (Meikle et al., 2012), and tinnitus handicap inventory (Newman et al., 1996). Tinnitus match measures include tinnitus frequency (Hz), level (dB SL), and similarity rating (0–1: with 0 indicating not at all similar to the perceived tinnitus; and 1 being identical to the tinnitus). The last column shows the experiments in which each subject participated, with 1 being gap detection, 2 being frequency discrimination, 3 being intensity discrimination, 4 being masking and overshoot, 5 being temporal modulation detection function, and 6 being speech in noise recognition.