Supplementary Table 3. Correlation results between questionnaire score and variable parameters of objective audiometry on the third fitting

Variable	Pearson's coefficient		Linear regression			
	Correlation coefficient	*P*-value	Estimate	95% CI	*P*-value	R^2
K-HHIE						
Audiometry						
PTA (dB)	0.098	0.680	0.352	–1.409 to 2.112	0.680	0.010
FG (dB)	–0.232	0.325	–0.959	–2.947 to 1.030	0.325	0.054
SDS (%)	0.391	0.089	1.003	–0.167 to 2.173	0.089	0.153
Gain of SDS (%)	0.000	1.000	0.000	–0.586 to 0.586	1.000	0.000
HINT	0.331	0.154	5.122	–0.897 to 1.140	0.154	0.110
CA-f	–0.321	0.168	–1.141	–2.811 to 0.529	0.168	0.103
CA-d	–0.393	0.086	–1.913	–4.126 to 0.301	0.086	0.155
CA-Di	0.090	0.705	0.229	–1.020 to 1.477	0.705	0.008
K-IOI-HA						
Audiometry						
PTA (dB)	–0.400	0.081	–0.338	–0.721 to 0.046	0.081	0.160
FG (dB)	0.306	0.189	0.299	–0.161 to 0.759	0.189	0.094
SDS (%)	0.002	0.994	0.002	–0.299 to 0.302	0.994	0.000
Gain of SDS (%)	–0.136	0.569	–0.038	–0.175 to 0.099	0.569	0.018
HINT	–0.045	0.852	–0.147	–1.779 to 1.485	0.852	0.002
CA-f	0.076	0.751	0.064	–0.352 to 0.479	0.751	0.006
CA-d	–0.009	0.968	–0.011	–0.580 to 0.558	0.968	0.000
CA-Di	0.200	0.399	0.120	–0.171 to 0.410	0.399	0.040

CI, confidence interval; K-HHIE, Korean version of the Hearing Handicap Inventory for the Elderly; PTA, pure tone audiometry; FG, functional gain; SDS, speech discrimination score; HINT, hearing in noise test; CA-f, central auditory frequency pattern test; CA-d, central auditory duration pattern test; CA-Di, central auditory dichotic test; K-IOI-HA, Korean version of the International Outcome Inventory for Hearing Aids.
Pearson's correlation coefficient and linear regression.