

Supplementary Table 1. An individualized profile in each subject

Patient No.	Laterality	Age (yr)	Sex	Mean PTA	Tinnitus onset (yr)	MCI	K-IADL	MoCA-K	K-PHQ-9	THI	Awareness	Annoyance	Loudness	Effect of life	Tinnitus pitch (kHz)	Tinnitus loudness (dB)
1	2	78	Female	38.75	1.0	1	8	12	6	48	3	3	3	3	0.125	75
2	1	65	Male	38.75	1.0	1	14	16	23	48	5	5	9	5	0.125	40
3	3	74	Female	36.25	4.0	1	8	17	6	32	8	9	7	4	1	30
4	3	77	Female	33.75	2.0	1	8	18	1	24	10	5	2	1	8	62
5	2	72	Female	18.75	1.0	1	8	19	5	48	10	7	5	3	8	43
6	3	75	Female	37.5	8.0	1	8	21	13	28	3	5	10	3	8	98
7	3	65	Female	32.5	10.0	1	8	21	0	28	10	10	7	5	3	56
8	3	65	Male	21.25	2.0	1	8	21	1	24	7	2	5	0	4	63
9	2	82	Female	40	0.5	1	8	22	0	32	2	2	2	1	0.250	64
10	3	56	Female	32.5	10.0	1	8	22	4	24	5	2	2	0	8	68
11	1	77	Female	27.5	0.6	0	8	23	2	36	10	2	2	0	0.125	35
12	1	65	Female	18.75	10.0	0	9	23	5	42	5	5	2	5	8	36
13	2	65	Male	36.25	3.0	0	8	23	9	32	5	5	5	5	Failed	Failed
14	3	65	Male	27.5	1.0	0	8	23	9	32	5	5	5	5	8	45
15	2	65	Female	32.5	1.0	0	8	23	0	18	7	7	7	7	8	40
16	2	69	Female	40	5.0	0	14	23	26	24	9	10	10	10	4	73
17	3	65	Female	20	3.0	0	9	23	6	30	2	7	8	5	6	25
18	3	60	Female	11.25	2.0	0	8	24	4	18	2	2	4	2	Failed	Failed
19	1	65	Female	35	0.8	0	9	24	0	36	3	1	5	2	4	25
20	3	70	Female	35	1.0	0	13	24	10	36	5	1	2	1	Failed	Failed
21	3	69	Male	35	2.0	0	5	24	0	16	10	5	4	1	6	60
22	2	65	Female	20	3.0	0	8	25	1	24	9	3	0	3	Failed	Failed
23	2	65	Female	27.5	0.8	0	8	25	2	18	8	8	5	5	4	41
24	3	69	Male	37.5	0.5	0	9	25	0	10	9	0	5	1	Failed	Failed
25	3	70	Female	17.5	0.5	0	8	25	1	12	2	2	2	2	Failed	Failed
26	1	65	Male	26.25	1.0	0	5	26	2	20	10	5	5	0	Failed	Failed
27	1	65	Male	3.75	0.9	0	8	26	1	14	3	2	3	1	Failed	Failed
28	2	67	Female	27.5	0.6	0	12	26	4	24	10	10	8	10	8	74
29	3	67	Female	23.75	10.0	0	8	26	7	32	10	6	10	8	8	63
30	3	65	Female	20	1.0	0	8	26	7	34	7	7	8	5	8	54
31	3	65	Male	25	5.0	0	6	26	3	22	1	3	3	2	1	17
32	2	65	Male	37.5	3.0	0	8	26	0	20	3	3	3	3	6	66
33	1	65	Female	23.75	5.0	0	11	26	11	18	2	2	3	0	Failed	Failed
34	3	73	Male	15	7.0	0	6	26	2	30	10	5	0	0	0.125	16
35	3	70	Female	20	5.0	0	8	27	13	34	3	3	5	0	Failed	Failed
36	2	65	Female	21.25	10.0	0	8	27	3	32	10	7	6	5	8	73
37	1	65	Female	6.25	1.0	0	8	27	0	24	8	1	2	1	4	8
38	2	65	Male	32.5	10.0	0	8	27	3	40	6	7	7	5	Failed	Failed

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Supplementary Table 1. Continued

Patient No.	Laterality	Age (yr)	Sex	Mean PTA	Tinnitus onset (yr)	MCI	K-IADL	MoCA-K	K-PHQ-9	THI	Awareness	Annoyance	Loudness	Effect of life	Tinnitus pitch (kHz)	Tinnitus loudness (dB)
39	2	81	Female	31.25	2.0	0	8	27	2	10	3	2	2	1	8	86
40	3	76	Female	37.5	8.0	0	8	27	2	18	3	3	3	3	8	50
41	3	74	Male	36.25	0.5	0	11	27	1	16	10	0	5	0	Failed	Failed
42	3	72	Male	40	2.0	0	8	27	0	2	4	9	5	10	Failed	Failed
43	3	66	Female	13.75	1.0	0	8	27	9	12	6	4	3	3	8	46
44	3	65	Male	21.25	0.5	0	5	27	4	24	5	3	5	3	8	60
45	3	65	Male	25	1.0	0	7	27	0	20	3	5	3	0	8	48
46	2	65	Female	18.75	0.3	0	8	27	2	32	1	1	1	0	Failed	Failed
47	1	68	Male	38.75	20.0	0	5	28	9	18	5	6	6	6	3	52
48	2	65	Male	17.5	1.0	0	8	28	5	32	4	5	7	3	Failed	Failed
49	2	65	Female	23.75	5.0	0	8	28	5	34	10	9	9	8	2	38
50	1	65	Male	33.75	3.0	0	9	28	0	12	9	1	6	0	Failed	Failed
51	3	72	Female	20	10.0	0	8	28	1	14	7	3	5	1	Failed	Failed
52	3	73	Male	31.25	2.0	0	8	28	4	12	5	2	2	6	0.125	44
53	3	65	Male	23.75	5.0	0	5	28	0	6	4	4	5	4	4	45
54	3	65	Male	27.5	0.8	0	5	28	2	4	5	1	3	1	8	65
55	3	62	Female	21.25	5.5	0	8	28	0	14	9	2	5	1	Failed	Failed
56	2	65	Male	21.25	1.0	0	8	29	3	22	9	4	5	4	2	26
57	3	71	Female	20	4.0	0	8	29	4	16	1	2	1	1	0.125	30
58	1	72	Female	28.75	1.0	0	8	29	1	6	2	1	2	0	8	56

PTA, pure-tone audiometry; MCI, mild cognitive impairment; K-IADL, Korean version of the Lawton instrumental activities of daily living scale; MoCA-K, Korean version of the Montreal cognitive assessment; K-PHQ-9, Korean version of the patient health questionnaire-9; THI, tinnitus handicap inventory.