

**Supplemental Material S1.** Demographic information of the CI users.

**Table S1.** Demographic information of the CI users considered in this study

ID	Gender	Age	Length of use	Side of use	Device manufacturer	Implant type
S1	M	51	3	Left	Med-EI	FlexSoft
S2	F	56	3	Right	Med-EI	Flex28
S3	F	54	4	Bilateral	Med-EI	Flex28 (L&R)
S4	F	79	1	Left	Med-EI	Flex28
S5	F	50	0	Left	Med-EI	Flex28
S6	F	52	23	Right	Cochlear	CI22M
S7	M	52	3	Right	Med-EI	Flex28
S8	F	73	4	Right	Med-EI	Flex28
S9	M	60	6	Bilateral	Cochlear	CI24RECA (R & L)
S10	M	79	2	Right	Med-EI	Flex28
S11	M	73	1	Bilateral	Med-EL	Standard (R & L)
S12	M	78	1	Right	Med-EI	Standard
S13	F	69	2	Left	Med-EI	Flex28
S14	F	66	2	Right	Med-EI	FlexSoft
S15	M	61	1	Left	Med-EI	Flex28
S16	M	52	4	Left	Med-EI	Flex28
S17	F	66	9	Bilateral	Cochlear	CI522 (R) & CI24RECA (L)
S18	M	78	12	Bilateral	Med-EI	Standard (R & L)
S19	F	57	15	Right	Med-EI	Standard
S20	F	78	3	Right	Med-EI	Standard
S21	F	67	3	Right	Cochlear	CI522
S22	M	72	8	Left	Med-EI	Standard
S23	M	68	5	Right	Cochlear	CI422
S24	F	78	1	Left	Med-EI	Standard
S25	F	57	2	Right	Med-EI	Flex28
S26	M	62	0	Left	Med-EI	Standard
S27	M	76	4	Left	Med-EI	Flex28
S28	M	75	0	Right	Med-EI	FlexSoft
S29	F	70	7	Bilateral	Med-EI	Standard (R & L)
S30	M	70	4	Right	Med-EI	Flex28
S31	M	56	1	Left	Med-EI	Flex28
S32	F	60	7	Bilateral	Med-EI	Flex28
S33	F	73	3	Right	Med-EI	Flex28
S34	F	59	1	Left	Med-EI	FlexSoft
S35	M	52	28	Bilateral	Cochlear	CI22M (R) & CI522 (L)
S36	F	59	3	Left	Med-EI	Flex28
S37	F	54	3	Left	Med-EI	Standard
S38	F	80	7	Right	Cochlear	CI24RECA
S39	F	59	6	Bilateral	Med-EI	FlexSoft (R) & Flex28 (L)
S40	M	61	3	Left	Med-EI	Flex28
S41	M	67	6	Bilateral	Med-EI	FlexSoft
S42	M	77	7	Bilateral	Med-EI	FlexSoft (R & L)

S43	M	57	7	Bilateral	Med-EI	Standard (R) & Flex28 (L)
S44	F	78	1	Left	Med-EI	Flex28
S45	F	51	1	Bilateral	Med-EI	Flex28
S46	F	74	6	Right	Med-EI	Standard
S47	F	61	1	Right	Med-EI	Standard
S48	F	71	1	Right	Med-EI	Flex28
S49	F	66	5	Right	Med-EI	Standard
S50	M	83	18	Bilateral	Cochlear	CI24RECA (R & L)
S51	M	61	4	Left	Med-EI	Standard
S52	M	72	4	Left	Med-EI	FlexSoft
S53	F	60	4	Left	Med-EI	Flex28
S54	F	80	4	Left	Cochlear	CI522
S55	M	64	10	Bilateral	Med-EI	FlexSoft (R & L)
S56	M	73	3	Left	Cochlear	CI522
S57	F	60	2	Left	Med-EI	Flex28
S58	M	53	2	Left	Med-EI	Flex28
S59	F	77	1	Right	Med-EI	Flex28
S60	M	56	2	Bilateral	Med-EI	Standard (R & L)
S61	M	77	2	Right	Med-EI	Flex28
S62	F	70	2	Right	Med-EI	FlexSoft
S63	F	64	0	Right	Med-EI	FlexSoft
S64	M	76	0	Left	Med-EI	Standard
S65	M	59	1	Bilateral	Med-EI	FlexSoft (R & L)
S66	F	70	2	Left	Med-EI	Flex28
S67	M	61	0	Right	Med-EI	FlexSoft
S68	M	60	0	Left	Cochlear	CI522
S69	M	61	0	Left	Med-EI	Standard
S70	M	72	2	Bilateral	Med-EI	Standard (R & L)
S71	F	79	0	Left	Med-EI	Flex28
S72	M	57	0	Right	Cochlear	CI522
S73	M	76	5	Right	Med-EI	Flex28
S74	F	70	14	Bilateral	Cochlear	CI24RECA (R & L)

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