

Table S1. Summary of language background information. Data are medians except for frequency and domains of use (mode); ranges are shown in parentheses. Ratings of proficiency are on a seven-point scale (1 = very few words, 7 = native); frequency of use, on a five-point scale (1 = every day, 2 = every week, 3 = every month, 4 = every year, 5 = less than once/year); and domains of use, on a three-point scale (1 = used most, 2 = used to a lesser extent, 3 = not used).

Variable	L1 Mandarin-L2 English (MEB)	L1 English-L2 Mandarin (EMB)	L1 English-L2 intonational (EIB)
Age of first exposure to L1 (yr)	0.0 (0–0)	0.0 (0–2)	0.0 (0–5)
Age of first exposure to L2 (yr)	7.5 (4–13)	14.0 (6–20)	12.0 (0–23)
Amount of exposure to L1 (yr)	24.0 (21–29)	20.5 (12–26)	25.0 (10–40)
Amount of exposure to L2 (yr)	14.5 (5–23)	6.5 (2–21)	8.0 (3–30)
Formal instruction in L1 (yr)	24.0 (12–29)	19.0 (12–22)	19.0 (10–34)
Formal instruction in L2 (yr)	16.5 (12–23)	6.0 (2–19)	6.5 (3–25)
L1 proficiency: Listening	7.0 (7–7)	7.0 (7–7)	7.0 (6–7)
L1 proficiency: Speaking	7.0 (7–7)	7.0 (7–7)	7.0 (5–7)
L1 proficiency: Reading	7.0 (7–7)	7.0 (7–7)	7.0 (5–7)
L1 proficiency: Writing	7.0 (7–7)	7.0 (6–7)	7.0 (5–7)
L2 proficiency: Listening	6.0 (5–6)	4.0 (2–6)	5.0 (4–7)
L2 proficiency: Speaking	5.0 (4–6)	4.0 (2–6)	5.0 (2–7)
L2 proficiency: Reading	6.0 (5–7)	4.0 (1–6)	6.0 (5–7)
L2 proficiency: Writing	5.0 (4–7)	3.5 (1–5)	5.0 (2–7)
Frequency of L1 use: Listening	1.0 (1–2)	1.0 (1–2)	1.0 (1–2)
Frequency of L1 use: Speaking	1.0 (1–2)	1.0 (1–2)	1.0 (1–2)
Frequency of L1 use: Reading	1.0 (1–2)	1.0 (1–2)	1.0 (1–5)
Frequency of L1 use: Writing	1.0 (1–3)	1.0 (1–3)	1.0 (1–5)
Frequency of L2 use: Listening	1.0 (1–2)	1.0 (1–3)	3.0 (1–4)
Frequency of L2 use: Speaking	1.0 (1–2)	1.0 (1–3)	1.0 (1–4)
Frequency of L2 use: Reading	1.0 (1–2)	1.0 (1–5)	1.5 (1–5)
Frequency of L2 use: Writing	1.0 (1–2)	2.0 (1–5)	1.0 (1–5)
Domains of L1 use: Home	1.0 (1–2)	1.0 (1–2)	1.0 (1–2)
Domains of L1 use: School/work	2.0 (1–3)	1.0 (1–3)	1.0 (1–3)
Domains of L1 use: Social	1.0 (1–2)	1.0 (1–1)	1.0 (1–3)
Domains of L2 use: Home	2.0 (1–3)	3.0 (1–3)	3.0 (1–3)
Domains of L2 use: School/work	1.0 (1–2)	2.0 (1–3)	3.0 (1–3)
Domains of L2 use: Social	2.0 (1–3)	2.0 (1–3)	2.0 (1–3)