

Supplementary Table 1. Participants' characteristics

Variable	No hearing loss	Hearing loss	<i>P</i>
No. of Individuals	651	86	
Demographics			
Age (yr)	70.0±12.8	80.0±11.2	<0.001
Male sex	332 (51.0)	50 (58.1)	0.258
Race/Ethnicity			0.042
White or Caucasian	528 (81.1)	78 (90.7)	
Non-white race/Ethnicity	123 (18.9)	8 (9.3)	
Asian	43 (6.6)	4 (4.7)	
Black or African American	35 (5.4)	3 (3.5)	
Hispanic or Latino	42 (6.5)	1 (1.2)	
Other	3 (0.5)	0 (0)	
Social determinants of health			
Neighborhood income (\$)	71,888±25,365	73,397±25,265	0.604
English as preferred language	592 (90.9)	80 (93.0)	0.661
Veteran	73 (11.2)	21 (24.4)	0.001
Education			0.238
Less than high school degree	73 (11.2)	5 (5.8)	
High school degree	317 (48.7)	41 (47.7)	
More than high school degree	261 (40.1)	40 (46.5)	
Religion affiliation			0.178
Christian	476 (73.1)	65 (75.6)	
Non-christian	56 (8.6)	11 (12.8)	
Not affiliated	119 (18.3)	10 (11.6)	
Marital status			0.133
Married	377 (57.9)	43 (50.0)	
Separated	60 (9.2)	7 (8.1)	
Single	101 (15.5)	12 (14.0)	
Widowed	113 (17.4)	24 (27.9)	
Medical visits (during year prior to ICH)	2.9 (8.3)	6.8 (11.4)	0.003
Hypertension control (before ICH)			
No. of anti-hypertensive medications			0.002
None	256 (39.3)	20 (23.3)	
One	178 (27.3)	28 (32.6)	
Two	127 (19.5)	15 (17.4)	
Three or more	90 (13.8)	23 (26.7)	
Other medical history			
Diabetes	136 (20.9)	17 (19.8)	0.920
Atrial fibrillation	109 (16.7)	21 (24.4)	0.109
Hypercholesterolemia	298 (45.8)	41 (47.7)	0.828
Prior ICH	7 (1.1)	1 (1.2)	1.000
Prior ischemic stroke	87 (13.4)	14 (16.3)	0.567
Coronary artery disease	111 (17.1)	21 (24.4)	0.127
Pre-ICH dementia	56 (8.6)	16 (18.6)	0.006

Supplementary Table 1. Continued

Variable	No hearing loss	Hearing loss	<i>P</i>
CSVD MRI scores			
Global	2.16±1.58	2.55±1.54	0.033
HTNA	1.86±1.26	2.17±1.24	0.027
CAA	1.36±1.28	1.93±1.37	<0.001
Acute ICH characteristics			
Hematoma location			0.086
Lobar	356 (54.7)	56 (65.1)	
Non-lobar	295 (45.3)	30 (34.9)	
ICH volume (cc)	11.2 (3.6–30.1)	10.8 (2.7–22.5)	0.656
IVH volume (cc)	0.0 (0.0–1.4)	0.0 (0.0–1.1)	0.002
GCS >8 at presentation	552 (84.8)	79 (91.9)	0.111
Discharge mRS	4 (3–5)	4 (3–4)	0.146
Medication use (at time of ICH)			
Warfarin	97 (14.9)	13 (15.1)	1.000
Antiplatelet medication	35 (5.4)	8 (9.3)	0.224

Values are presented as number (%), mean±standard deviation, or median (interquartile range). Reported *P*-values represent univariable comparison between participants with and without hearing loss.

ICH, intracerebral hemorrhage; CSVD, cerebral small vessel disease; MRI, magnetic resonance imaging; HTNA, hypertensive arteriopathy; CAA, cerebral amyloid angiopathy; IVH, intraventricular hemorrhage; GCS, Glasgow Coma Scale; mRS, modified Rankin Scale.