

Table S1

Speaker demographics for the neurologically healthy control (HC) speaker group.

	Group	Age	Intelligibility (%) ¹
Female Speakers			
HCF01	HC	66	90.74
HCF02	HC	54	83.33
HCF03	HC	68	82.15
HCF04	HC	56	93.36
HCF05	HC	68	83.71
HCF06	HC	65	84.74
HCF07	HC	49	86.74
HCF08	HC	65	80.29
HCF09	HC	72	91.77
M	—	62.56	86.31
SD	—	7.68	4.62
Male Speakers			
HCM01	HC	55	86.59
HCM02	HC	49	63.64 ²
HCM03	HC	51	81.91
HCM04	HC	85	58.70 ³
HCM05	HC	47	79.14
HCM06	HC	68	84.32
HCM07	HC	70	91.40
HCM08	HC	53	81.05
HCM09	HC	74	76.75
M	—	61.33	78.17
SD	—	13.29	10.60

¹ The reported intelligibility (%) scores are aggregated from the Visual Analog Scale (VAS) ratings made for conversational speech samples in the current study.

² The HCM02 speaker, while healthy and intelligible, had a Spanish accent that likely influenced his intelligibility ratings. Further discussion about this speaker and the implications for his intelligibility ratings can be found in the limitations section.

³ The HCM04 speaker, presented with a perceptually rough voice quality consistent with healthy aging. This voice quality likely influenced his intelligibility ratings.