

Table S2

Speaker demographics for the Parkinson's (PD) speaker group.

Group		Age	Time Since Diagnosis (Years)	Intelligibility (%) ¹	Severity ²
Female Speakers					
PDF01	PD	51	12	86.98	Mild
PDF02	PD	73	2	88.02	Mild
PDF03	PD	80	4	89.90	Mild
PDF04	PD	61	12	68.75	Severe
PDF05	PD	63	3	85.19	Mild
PDF06	PD	69	3	82.55	Moderate
M	—	66.17	5.92	83.56	—
SD	—	10.13	4.78	7.68	—
Male Speakers					
PDM01	PD	63	8	17.69	Profound
PDM02	PD	77	9	37.17	Profound
PDM03	PD	73	2	59.72	Severe
PDM04	PD	67	6	62.36	Severe
PDM05	PD	49	12	25.43	Profound
PDM06	PD	67	1	63.87	Severe
PDM07	PD	68	7	9.74	Profound
PDM08	PD	60	15	44.09	Profound
PDM09	PD	80	13	4.36	Profound
PDM10	PD	50	7	91.62	Mild
PDM11	PD	79	6	63.73	Severe
PDM12	PD	65	6	81.84	Moderate
PDM13	PD	82	10	72.47	Moderate
PDM14	PD	78	3	53.43	Severe
PDM15	PD	82	2	74.91	Moderate
PDM16	PD	74	2	78.49	Moderate
M	—	69.62	6.80	52.56	—
SD	—	10.46	4.30	26.79	—

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

² Severity labels were determined based on the intelligibility measures using the surrogate-severity measures outlined in Stipancic et al. (2022). Specifically, intelligibility values > 94% are 'Normal', 85% - 94% are 'Mild', 70% - 84% are 'Moderate', 45% - 69% are 'Severe', and < 45% are 'Profound'.