

**Table S3**

*Parkinson's disease: Study Design Details and Participant Characteristics for SPEAK OUT!® and The LOUD Crowd as Treatment Modalities*

Source	N	Study design	Sex (% female)	Age range (years)	Dysarthria type	Inclusion/exclusion criteria	Inferential statistics	Power analysis	Control group	Baseline data collected	Control intervention	Number of treatment sessions	Mode of treatment delivery	Home exercise plan	Patient-reported outcomes	Treatment effect size
Behrmann et al. (2020)	40	Prospective, quasi-experimental	37.5%	Mean: males = 69.6, females = 66.7	NR	Inclusion 1: <ul style="list-style-type: none"> <li>• No history of DBS</li> <li>• No history of speech therapy in the prior 2 years</li> <li>• No other medical diagnoses/procedures that could affect speech</li> <li>• Proficiency in English</li> </ul> Exclusion: <ul style="list-style-type: none"> <li>• Unable to follow instructions; confusion, disorganization</li> <li>• Self-reported or family-reported difficulties with ADLs due to cognition</li> </ul>	Yes	Yes	Yes	Yes – multiple baselines	No	12 (3 days p/week for 4 weeks) SPEAK OUT!® sessions; 7 (1 day p/week for 7 weeks) The LOUD Crowd sessions	In person individual (SPEAK OUT!®) and group (The LOUD Crowd)	Yes	Yes	No
Boutse et al. (2018)	16	Prospective, quasi-experimental	31.25%	Mean = 71.6	Hypokinetic	NR	No	No	No	Yes – single baseline	No	12 (3 days p/week for 4 weeks)	In person individual	Yes	Yes	No

*Note.* NR, not reported. DBS, deep brain stimulation; PD, Parkinson's disease; ADLs, activities of daily living. Inclusion criteria: <sup>1</sup>No neurological diagnoses other than PD.