

**Supplemental Material S4.** Spearman rank correlations ( $p$ ) between accuracy DTC indices and predictors.

	Dysarthria severity	Inhibition index	Switching index	Verbal fluency
<b>Verbal accuracy DTC</b>				
Secondary task = processing speed	$p = .17$	$p = .34$	$p = .06$	$p = -.12$
Secondary task = inhibition	$p = -.07$	$p = .15$	$p = -.11$	$p = -.14$
<b>Non-verbal accuracy DTC</b>				
Task = processing speed	$p = -.12$	$p = .06$	$p = -.04$	$p = .17$
Task = inhibition	$p = .05$	$p = .30$	$p = -.03$	$p = -.07$

All correlations values had  $p > .05$ .