

**Supplemental Appendix A.** Proportion of Correct Responses on Secondary Task by Group and Condition

<i>M (SD)</i>			<i>M (SD)</i>		
<b>Condition</b>	<b>AWNS</b>	<b>AWS</b>	<b>Condition</b>	<b>AWNS</b>	<b>AWS</b>
Baseline spatial			Dual spatial		
S2	1.00 (0.02)	0.99 (0.02)	S2	0.93 (0.16)	0.91 (0.15)
S3	0.99 (0.03)	1.00 (0.00)	S3	0.87 (0.22)	0.89 (0.14)
S4	1.00 (0.02)	0.99 (0.05)	S4	0.87 (0.22)	0.89 (0.13)
L2	1.00 (0.00)	0.98 (0.04)	L2	0.83 (0.26)	0.90 (0.15)
L3	1.00 (0.02)	0.98 (0.04)	L3	0.84 (0.21)	0.87 (0.18)
L4	1.00 (0.00)	0.99 (0.02)	L4	0.83 (0.21)	0.87 (0.20)
Baseline verbal			Dual verbal		
S2	1.00 (0.02)	0.99 (0.03)	S2	0.88 (0.16)	0.85 (0.20)
S3	0.99 (0.03)	0.98 (0.04)	S3	0.85 (0.16)	0.79 (0.22)
S4	0.98 (0.04)	0.99 (0.05)	S4	0.76 (0.28)	0.75 (0.26)
L2	1.00 (0.02)	0.99 (0.02)	L2	0.84 (0.21)	0.85 (0.13)
L3	1.00 (0.00)	0.99 (0.03)	L3	0.77 (0.24)	0.74 (0.23)
L4	0.99 (0.04)	0.99 (0.03)	L4	0.76 (0.27)	0.76 (0.21)

*Note.* AWNS = adults who do not stutter; AWS = adults who stutter; S = short ISI (1000 ms); L = long ISI (3000 ms); 2, 3, 4 = WM loads.