

**Supplementary Table 1.** Position of the three coils on the heads of the participants.

	TD(n=24)	ASD (n=40)	t	<i>p</i>
<b>Left Mastoid Process</b>				
x	71.8 (18.7)	66.5 (7.3)	1.6	0.11
y	11.8 (20.2)	24.4(23.4)	-2.2	0.03*
z	-38.7 (29.4)	-37.0 (27.5)	-0.2	0.82
<b>Right Mastoid Process</b>				
x	-69.2 (7.1)	-66.4 (7.9)	-1.41	0.16
y	11.5 (23.9)	25.4 (24.2)	-2.24	0.03*
z	-39.6 (30.2)	-41.7 (27.2)	0.28	0.78
<b>Nasion</b>				
x	-0.48 (9.9)	-1.03 (11.7)	0.19	0.85
y	-63.2 (22.5)	-61.0 (20.0)	-0.41	0.68
z	28.7 (21.6)	29.1 (16.3)	-0.08	0.93

TD, typically developing children; ASD, autism spectrum disorder;

\* $p < .05$ .