

Table 2

Mean scores and group comparison on all cognitive tests

Cognitive test	Experimental Group			Simple Effects; <i>F, df</i> (2, 73)
	22q11.2DS	TD control	Low-IQ control	
WRAVMA ^a				
Composite score ^b	74.86 (11.40)	102.8 (12.75)	74.00 (11.94)	44.23**
Drawing	95.25 (11.44)	109.17 (12.55)	85.50 (13.65)	18.63**
Matching	79.60 (13.36)	103.3 (12.41)	76.75 (20.16)	22.09**
Pegs	69.31 (13.95)	96.78 (17.66)	80.50 (12.93)	23.25**
Motor Screening				
Latency (m/s)	1.10 (0.30)	1.02 (0.31)	1.17(0.31)	1.29
Error ^c	9.67 (3.71)	9.10 (3.38)	10.10 (3.55)	0.40
Reaction Time ^d : Predictable				
Latency (m/s)	0.57 (0.22)	0.36 (0.06)	0.35 (0.06)	0.13 ^f
Movement (m/s)	0.58 (0.23)	0.41 (0.12)	0.56 (0.19)	5.80 ^f
Point Accuracy ^e	13.00 (2.77)	14.42 (0.98)	12.69 (2.77)	4.21 ^f
Reaction Time: Unpredictable				
Latency	0.43 (0.18)	0.35 (0.05)	0.55 (0.16)	1.75 ^f
Movement time	0.56 (0.18)*	0.41 (0.09)*	0.55 (0.16)	7.77 ^f *
Point Accuracy ^e	13.69 (1.65)	14.67 (0.65)	14.13 (1.20)	3.01 ^f

Note: All scores are mean scores with standard deviations in parentheses. ^aWRAVMA is an abbreviation of Wide Range Assessment of Visual Motor Abilities. ^bThe composite score on the WRAVMA refers to the average of the three subtests, Drawing, Matching and Pegs. ^cThe Motor Screening error score is calculated as the mean distance in pixels from the location the participant touched on the screen to the centre of the test stimulus (cross). ^dOn the Reaction

Time test there were reduced numbers in the 22q11DS and TD control groups: 22q11DS $n = 15$; TD control $n = 17$. ^eThe Reaction Time point accuracy score is calculated by subtracting the participant's mean accuracy score from the total possible score (15).^fKruskal-Wallis one-way analysis of variance χ^2 values, $df = 2$. ** $p \leq 0.0001$. * $p \leq 0.05$.