

Supplemental Material S1. CNV groups and siblings of 16p11.2DS compared to the general population.

	16p11.2DS <i>n</i> <i>M (SD)</i> Median	Statistical outcomes group level One sample <i>t</i> -test (<i>t/V</i> = , <i>p</i> = , <i>d/r</i> =)	16p11.2Dup <i>n</i> <i>M (SD)</i> Median	Statistical outcomes group level One sample <i>t</i> -test (<i>t/V</i> = , <i>p</i> = , <i>d/r</i> =)	Siblings of 16p11.2DS <i>n</i> <i>M (SD)</i> Median	Statistical outcomes group level One sample <i>t</i> -test (<i>t/V</i> = , <i>p</i> = , <i>d/r</i> =)
CELF CLS:						
<i>n</i>	23	<i>V</i> = 1.000	10	<i>V</i> = 0.000	8	<i>t</i> = -1.549
<i>M (SD)</i>	65.04 (13.40)	<i>p</i> < .001*	64.00 (13.31)	<i>p</i> = .005*	92.63 (13.47)	<i>p</i> = .165
Median	61.00	<i>r</i> = -.993	55.50	<i>r</i> = -1.000	92.50	<i>d</i> = -0.643
CELF RLI:						
<i>n</i>	23	<i>t</i> = -9.562	10	<i>t</i> = -6.845	8	<i>t</i> = -1.646
<i>M (SD)</i>	71.91 (14.09)	<i>p</i> < .001*	67.00 (15.25)	<i>p</i> < .001*	92.88 (12.24)	<i>p</i> = .144
Median	66.00	<i>d</i> = -1.994	60.00	<i>d</i> = -2.660	95.00	<i>d</i> = -0.500
CELF ELI:						
<i>n</i>	23	<i>V</i> = 1.000	10	<i>V</i> = 0.000	8	<i>t</i> = -1.891
<i>M (SD)</i>	63.61 (13.40)	<i>p</i> < .001*	65.10 (14.48)	<i>p</i> = .005*	90.75 (13.83)	<i>p</i> = .100
Median	58.00	<i>r</i> = -.993	55.50	<i>r</i> = -1.000	91.00	<i>d</i> = -0.667
PPVT WCS:						
<i>n</i>	21	<i>t</i> = -6.518	10	<i>t</i> = -3.276	8	<i>t</i> = -0.861
<i>M (SD)</i>	80.29 (13.86)	<i>p</i> < .001*	77.40 (21.81)	<i>p</i> = .010*	94.38 (18.47)	<i>p</i> = .418
Median	81.00	<i>d</i> = -1.422	71.50	<i>d</i> = -1.036	95.00	<i>d</i> = -0.305
FSIQ:						
<i>n</i>	21	<i>t</i> = -10.466	10	<i>t</i> = -4.461	8	<i>t</i> = -2.041
<i>M (SD)</i>	71.33 (12.55)	<i>p</i> < .001*	70.10 (21.20)	<i>p</i> = .002*	90.13 (13.69)	<i>p</i> = .081
Median	74.00	<i>d</i> = -2.284	63.00	<i>d</i> = -1.411	89.00	<i>d</i> = -0.694
NVI:						
<i>n</i>	22	<i>t</i> = -8.837	10	<i>t</i> = -5.834	8	<i>t</i> = -1.414
<i>M (SD)</i>	73.00 (14.35)	<i>p</i> < .001*	69.70 (16.43)	<i>p</i> < .001*	92.25 (15.50)	<i>p</i> = .200
Median	75.00	<i>d</i> = -1.884	65.00	<i>d</i> = -1.845	90.00	<i>d</i> = -0.556

SRS-2:

<i>n</i>	21	<i>t</i> = 7.710	10	<i>t</i> = 5.746	8	<i>t</i> = -0.379
<i>M</i> (<i>SD</i>)	79.14 (17.32)	<i>p</i> < .001*	83.40 (18.38)	<i>p</i> < .001*	49.13 (6.53)	<i>p</i> = .716
Median	77.00	<i>d</i> = 1.682	81.00	<i>d</i> = 1.817	49.00	<i>d</i> = -0.134

Note. CLS = Core Language Score; RLI = Receptive Language Index; ELI = Expressive Language Index; WCS = Word Comprehension Score; FSIQ = Full-Scale IQ; NVI = Nonverbal Index (norm group average = 100, cut-off: < 85: mild-moderate, < 70: severe); SRS-2 = Social Responsiveness Scale (norm group average = 50, cut-off: > 60: mild-moderate, > 75: severe).

Statistical outcomes: *p*-value; *significant with FDR, *t*-value or *V*-value. Cohen's *d* or rank biserial correlation *r* as effect size.