

Bootstrap Match Groups and Display Descriptive Statistics

Participant Characteristics

We used a bootstrap procedure to match diagnostic groups. We matched groups based on PLS-5 Auditory Comprehension raw scores, with a caliper of 5 points. Group differences are quantified with Cohen's d , variance ratio (ASD divided by NT), and p -values. We used a two-sample, two-tailed t -test to obtain p -values, unless either diagnostic group's distribution failed the Shapiro-Wilk normality test, in which case we used a Wilcoxon test.

Measure	ASD Group					NT Group					Group Differences		
	N	Mean	SD	Min	Max	N	Mean	SD	Min	Max	Cohen's d	Var Ratio	p-value
age	34	44	4	37	50	34	26	6	18	36	4.01	0.45	< 0.001
PLS.AC.Raw	34	32	10	15	50	34	32	8	19	46	0.06	1.59	0.802
PLS.AC.AE	34	30	12	11	54	34	30	10	15	49	0.02	1.53	0.928
PLS.EC.Raw	34	31	8	14	46	33	33	6	25	44	0.23	1.65	0.389
PLS.EC.AE	34	29	10	9	50	33	31	9	20	48	0.20	1.39	0.389
Mul.VR.Raw	34	34	8	20	48	34	31	6	20	42	0.44	1.45	0.073
Mul.VR.AE	34	35	11	17	60	34	30	9	17	46	0.47	1.74	0.056
Mul.Ratio.IQ	34	75	21	38	116	34	111	16	80	152	1.92	1.77	< 0.001