

Descriptive	No ID	ID or intellectual impairment		
Continuous variables	Mean (SD)	Mean (SD)	P value	Cohen's ω
Age at first clinical diagnosis in years	3.72 (1.18) n=830	3.63 (1.22) n=503	0.202	0.073
ADOS-G Comm+SI total	15.02 (4.06) n=343	17.23 (4.02) n=197	<0.001 ^b	-0.546
ADOS-G SBRI total	1.96 (1.34) n=340	3.02 (1.61) n=195	<0.001 ^b	-0.730
ADOS-2 Social Affect total	12.54 (3.68) n=441	15.39 (3.31) n=291	<0.001 ^b	-0.806
ADOS-2 RRB total	3.18 (1.96) n=441	3.96 (1.88) n=291	<0.001 ^b	-0.405
ADOS-2 Overall total	15.72 (4.34) n=441	19.35 (3.92) n=291	<0.001 ^b	-0.869
Vineland Communication standard score	91.14 (12.37) n=625	64.21 (16.70) n=455	<0.001 ^b	1.877
Vineland Daily Living Skills standard score	86.60 (12.67) n=625	65.87 (14.58) n=455	<0.001 ^b	1.536
Vineland Socialization standard score	78.20 (10.98) n=625	63.12 (10.01) n=454	<0.001 ^b	1.424
Vineland ABC standard score	83.15 (10.88) n=626	63.51 (11.62) n=458	<0.001 ^b	1.754
Categorical variables	No. (%)	No. (%)	P value	Cohen's ω
Sex			0.416	0.024
Male	695 (83.1)	412 (81.3)		
Female	141 (16.9)	95 (18.7)		
Ethnicity			<0.001 ^b	0.204
Chinese	649 (77.6)	301 (59.4)		
Malay	87 (10.4)	117 (23.1)		
Indian	53 (6.3)	51 (10.1)		
Others	47 (5.6)	38 (7.5)		
Highest educational level attained (mother)			<0.001 ^b	0.173
Primary	14 (1.7)	28 (5.6)		
Secondary	181 (22.0)	157 (31.6)		
A-level/diploma/ITE	237 (28.9)	135 (27.2)		
Degree	338 (41.2)	156 (31.4)		
Postgraduate	51 (6.2)	21 (4.2)		

Diagnostic data	No. (%)	Mean (SD)
Social communication total		16.12 (4.19)
Imagination/creativity		2.66 (1.26)
Stereotyped behaviours/restricted interests		2.43 (1.53)
ADOS-2 scores, n=1049		
Social affect		13.89 (3.87)
Restricted and repetitive behaviour		3.50 (2.02)
Overall		17.39 (4.64)
Comparison score		6.98 (1.58)
Early intervention data		
Waiting time for EIPIC entry in days, n=1194		334.9 (210.9)
Duration in EIPIC in days, n=390		946.6 (412.7)
Cognitive and adaptive data		
Age at cognitive assessment in years, n=1285		5.61 (0.76)
Cognitive assessment tool used, n=1269		
WPPSI	1003 (79.0)	
WISC	8 (0.6)	
SB-5	80 (6.3)	
BAS-3	1 (0.1)	
Griffith Mental Development Scales	1 (0.1)	
Bayley Scales of Infant and Toddler Development	142 (11.2)	
Testing abandoned	34 (2.7)	
Level of cognitive functioning, n=1326		
Normal ^a	622 (46.9)	
Normal non-verbal IQ but verbal impairment	222 (16.7)	
Mild impairment	220 (16.6)	
Moderate-severe impairment	262 (19.8)	
Adaptive functioning (Vineland), n=1131		
Communication standard score		79.3 (19.6)
Daily Living Skills standard score		77.6 (16.8)
Socialisation standard score		71.7 (12.8)
Motor standard score		80.4 (13.9)
Adaptive Behaviour Composite standard score		74.6 (14.7)

ADOS: Autism Diagnostic Observation Schedule; ADOS-2: ADOS-Second Edition; ADOS-G: ADOS-Generic; ASD: autism spectrum disorder; BAS-3: British Ability Scales, Third Edition; DSM: Diagnostic and Statistical Manual of Mental Disorders; EIPIC: Early Intervention Programme for Infants and Children; IQ: intelligence quotient; PDD-NOS: pervasive developmental disorder - not otherwise specified; RRBs: restricted, repetitive behaviours; SB-5: Stanford-Binet Intelligence Scales, Fifth Edition; SD: standard deviation; TR: text revision; Vineland: Vineland Adaptive Behavior Scale; WISC: Wechsler Intelligence Scale for Children; WPPSI: Wechsler Preschool and Primary Scale of Intelligence.

^aIncludes 101 children with no clinical concerns for cognitive impairment, and formal cognitive assessment was not required.

Note: 1081 children had data on both cognitive and adaptive functioning.