

ASASC SCORING AND PSYCHOMETRICS

To score simply add the numbers endorsed for each item within each sub-scale. Add all sub-scaled scores together to achieve the total score. Next compare scores to the scores of the groups in the study.

SUBSCALE	GROUP	N	MEAN	SD
(A) UNDERSTAND EMOTION	AS	237	36.4	.5
	autism	84	34.7	.85
	neither	46	32.9	1.1
	neurotypical	16	22.4	1.9
(B) FACT-ORIENTED	AS		33.8	.5
	autism		25.4	.8
	neither		30.3	1.1
	neurotypical		25	1.9
(C) SENSORY SENSITIVITY	AS		37.5	.7
	autism		36.1	.73
	neither		34.1	.9
	neurotypical		27.4	1.7
(D) PERSPECTIVE-TAKING	AS		38.6	.5
	autism		30.6	.8
	neither		36.7	1.1
	neurotypical		25.6	1.9
(E) RIGID ADHERENCE	AS		30.1	.35
	autism		28.5	.6
	neither		28.7	.8
	neurotypical		21	1.3
TOTAL ASASC SCORE	AS		176.4	1.6
	autism		155.3	2.7
	neither		162.6	3.6
	neurotypical		121.4	6

	TEST – RETEST RELIABILITY (Pearson <i>r</i>)	INTERNAL CONSISTENCY (Cronbach alpha's)
UNDERSTAND EMOTION	.52	.93
FACT-ORIENTED	.84	.9
SENSORY SENSITIVITY	.85	.89
PERSPECTIVE-TAKING	.85	.88
RIGID ADHERENCE	.89	.88

GROUPS IN THE STUDY:

AS - Diagnosed with Asperger's syndrome using DSM-IV-TR

Autism – Diagnosed with Autistic Disorder using DSM-IV-TR

Neither – Assessed for ASD but did not receive a diagnosis, instead had another condition, for example, social anxiety, depression, another anxiety disorder, a behavioural, language or learning disorder

Neurotypical – Had never been referred for a diagnostic assessment nor needed one.

SIGNIFICANT DIFFERENCES BETWEEN GROUPS

AS and neurotypicals were significantly different on all subscales.

AS and neithers were significantly different on Total score and all subscales EXCEPT *Perspective-taking* and *Rigidity*.

AS and autism were significantly different on the Total score and *Perspective-taking* and *Fact-oriented* subscales, due to lower basic language in the autism group.