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Corrigendum to “DSM-5 Autism Spectrum Disorder: In search of essential behaviours for diagnosis” [Res. Autism Spectr. Disord. 8 (2014) (6) 701–715]

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The original version of this article unfortunately contained a labelling error. This error related to the labelling of the first DISCO item within domain A2 of Table 1 (p703). This item was labelled as ‘Non-verbal communication is absent or odd’ but should read ‘Use of body language in social interaction’. The corrected version of the Table is included below.

Table 1: Mapping of DISCO items to DSM-5 criteria for autism spectrum disorder (ASD), and the frequency and predictive validity (chi-square) of items in Sample 1.

	Frequency in ASD	Chi-square for domains and items (calculated for ASD vs. non-ASD clinical controls)
Domain A - Persistent deficits in social communication and social interaction across contexts as manifested by ALL THREE of the following:		20.55**
A1 Deficits in socio-emotional reciprocity, ranging for example from:		10.55*
<i>DSM-5 Example</i>	DISCO item	
	Communication is one-sided#	55.56
	Makes one-sided social approaches	61.11
	Does not seek comfort when in pain or distress	72.22
	Does not give comfort to others	77.78
	Inappropriate response to others' emotions	33.33
	No interest in age peers	77.78
	Sharing interests limited or absent	88.89
	Does not share in others' happiness	38.89
	Lack of emotionally expressive gestures	50.00
	No emotional response to age peers	77.8
		28.10**
<i>Abnormal social approach and failure of normal back and forth conversation, failure to initiate or respond to social interaction</i>		
<i>Reduced sharing of interests, emotions, and affect</i>		
A2 Deficits in non-verbal communicative behaviours used for social interaction, ranging for example from:		15.28**
<i>DSM-5 example</i>	DISCO item	
<i>Poorly integrated verbal and nonverbal communication</i>	Use of body language in social interaction	63.89
		8.11*

(continued on next page)

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(continued)

		Frequency in ASD	Chi-square for domains and items (calculated for ASD vs. non-ASD clinical controls)
	Using other people as mechanical aids	47.22	4.40*
<i>Abnormalities in eye contact and body-language</i>	Eye contact poor	52.78	6.40*
	Makes brief glances	25.00	4.18*
	Lack of instrumental gestures	69.44	6.36*
<i>Deficits in understanding and use of gestures, total lack of facial expression and non-verbal communication</i>	Lack of joint referencing pointing	50.00	15.09**
	Lack of imperative gestures	13.89	4.65*
	Lack of descriptive gestures	75.00	7.60*
	Does not nod or shake head	41.67	6.78*
A3 Deficits in developing, maintaining and understanding relationships ranging, for example, from:			2.40 n.s
<i>DSM-5 example</i>	DISCO item		
	Does not understand psychological barriers	55.56	7.53*
<i>Difficulties adjusting behaviour to suit various social contexts</i>	Interrupts conversations#	33.33	1.66 n.s
	Anger toward parents#	0	/
	Difficult behaviour in public places	52.78	3.86*
<i>Difficulties in sharing imaginative play or in making friends</i>	Lack of pretend play	44.44	6.21*
	Lack of friendship with age peers	97.22	13.75**
	Does not interact with peers	83.33	14.18**
<i>Absence of interest in peers</i>	Lack of awareness of others' feelings	88.89	20.66**
	Unusual response to visitors	69.44	10.88*
Domain B – Restricted, repetitive patterns of behaviour, interests, or activities as manifested by at least TWO of the following:			24.41**
B1 Stereotyped or repetitive motor movements, use of objects or speech, for example:			27.23**
<i>DSM-5 example</i>	DISCO example		
<i>Simple motor stereotypies</i>	Has complex twisting or rocking movements	22.22	7.82*
	Unusual movements of hands or arms	47.22	7.30*
<i>Echolalia</i>	Delayed echolalia	61.11	21.65**
<i>Repetitive use of objects (lining up toys or flipping objects)</i>	Interested in abstract properties of objects	27.78	5.15*
	Limited pattern of self-chosen activities	58.33	12.49**
<i>Idiosyncratic phrases and stereotyped speech</i>	Long winded pedantic speech#	8.33	2.70 n.s
	Odd tone of voice in speech	33.33	5.36*
B2 Insistence on sameness, inflexible adherence to routines, or ritualized patterns of verbal or non-verbal behaviour, for example:			23.32**
<i>DSM-5 example</i>	DISCO item		
<i>Motoric rituals, insistence on same route or food</i>	Insists on sameness in routines	52.78	7.96*
	Has unusual food fads	27.78	5.15*
	Arranges objects in patterns	61.11	18.84**
<i>Difficulties with transitions, extreme distress at small changes</i>	Insists on sameness of environment	44.44	9.91*
	Insistence on perfection#	30.56	2.99 n.s.
<i>Rigid thinking patterns</i>	Talks about a repetitive theme	25.00	4.18*
<i>Greeting rituals</i>	Acts out role of object, person repetitively	13.89	4.65*
B3 Highly restricted fixated interests that are abnormal in intensity or focus, for example:			15.38**
<i>DSM-5 example</i>	DISCO item		
<i>Strong attachment to or preoccupation with unusual objects</i>	Fascinated with specific objects	69.44	7.73*
	Collects objects	25.00	6.22*
	Fascination with TV/videos	66.67	7.89*
	Collecting facts on specific subjects#	11.11	3.66 n.s.
<i>Excessively circumscribed or perseverative interests</i>	Has repetitive activities related to a special skill	30.56	8.46*
B4 Hyper or hypo-reactivity to sensory input or unusual interest in sensory aspects of the environment, for example:			27.23**
<i>DSM-5 example</i>	DISCO item		
<i>Apparent indifference to pain or temperature</i>	Indifference to pain heat or cold	27.78	5.15*
	Distress caused by sounds	61.11	8.40*
<i>Adverse response to specific sounds or textures</i>	Smells objects or people	22.22	7.82*
	Unusual interest in the feel of surfaces	38.89	4.25*
	Aimless and repetitive manipulations of objects (not near eyes) as if seeking sensory stimulation	30.56	6.19*
<i>Excessive smelling or touching of objects</i>			
	Twists hands or objects near eyes	22.22	5.17*
<i>Visual fascination with lights or movement</i>	Studies the angles of objects	33.33	9.66*
Criterion C – Symptoms must be present in the early development period			
	Setback in language development	2.78	.87 n.s
	Setback in play development	8.33	2.70 n.s
	Setback in social development	13.89	2.32 n.s.
	Delay in obeying instructions	83.33	.08 n.s.
	Age started to use phrases	86.11	.07 n.s.
	Delay in selective social attachment	50.00	5.35*
	Delay in development of pretend play	91.67	2.66 n.s.

* $p < .05$; ** $p < .0001$; # Item included in Study 3.