

Supplementary Online Content

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eTable 1: Raw SRS Scores in the Study Population

eTable 2: Raw SRS Scores in Children According to Raw SRS Scores in Parents: Results of Multivariate Linear Regression

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1: Raw SRS Scores in the Study Population

	n	Age Mean (std)	Age range	Mean raw score (std)	Median raw score	Range
Cases						
Index child ¹	256	19.1 (5.9)	6-37	98.4 (33.4)	98.5	19-183
Males	211	19.1 (5.9)	6-38	98.0 (33.5)	97.0	19-183
Females	45	18.7 (5.8)	8-29	100.0 (33.4)	103.0	19-155
Father	242	54.2 (5.5)	41-74	38.3 (31.1)	29.5	0-153
Mother	240	52.2 (4.6)	43-63	22.1 (19.3)	17.0	0-159
Controls						
Index child ¹	1393	19.0 (6.2)	5-43	18.0 (17.6)	13.0	0-124
Males	713	18.7 (6.1)	5-42	19.7 (19.8)	14.0	0-124
Females	680	19.3 (6.3)	6-43	16.1 (14.8)	12.0	0-103
Father	1372	53.6 (5.4)	40-81	27.3 (25.1)	20.0	0-168
Mother	993	51.5 (4.3)	44-63	19.2 (15.9)	15.0	0-164

¹Includes SRS and SRS-A forms for the index child, depending on child age. Raw SRS scores were created according to publisher instructions⁹ by summing the scores of positive and negative-coded items. For individuals missing <10% of the SRS questions (>10% were excluded), missing item values were substituted with median values, using the median for that item within the same gender, case status, and form type (adult or child form). Means, medians, and ranges were similar whether the child or the adult version of the form was used in index children. Note that for case children, most reported being given the ASD diagnosis by a child psychologist or psychiatrist (78%); the remainder reported being given diagnoses by neurologists, developmental pediatricians, and other specialists.

eTable 2: Raw SRS Scores in Children According to Raw SRS Scores in Parents: Results of Multivariate Linear Regression

	N in analysis	Crude		Adjusted ¹	
		Beta (std error)	p	Beta (std error)	p
In cases:					
Father elevated score	242	9.3 (4.5)	0.04	8.7 (4.5)	0.06
Mother elevated score	240	2.6 (5.1)	0.60	2.4 (5.1)	0.64
Either parent elevated score	256	6.9 (4.2)	0.10	6.5 (4.2)	0.13
Both parents elevated scores	226	6.7 (6.6)	0.30	6.4 (6.6)	0.33
In male cases:					
Father elevated score	200	7.0 (4.9)	0.16	6.6 (4.9)	0.17
Mother elevated score	196	1.3 (5.5)	0.81	0.90 (5.5)	0.87
Either parent elevated score	211	5.4 (4.7)	0.25	5.0 (4.6)	0.28
Both parents elevated scores	185	3.9 (6.9)	0.57	3.8 (6.9)	0.58
In female cases:					
Father elevated score	42	22.5 (11.6)	0.06	25.1 (12.2)	0.05
<i>Mother elevated score²</i>	44	<i>12.8 (14.4)</i>	0.38	<i>23.5 (16.0)</i>	<i>0.15</i>
Either parent elevated score	45	15.6 (10.4)	0.14	17.9 (11.0)	0.11
Both parents elevated scores	41	39.3	0.10	56.0 (24.8)	0.03
In controls:					
Father elevated score	1372	16.5 (1.2)	<0.0001	15.7 (1.1)	<0.0001
Mother elevated score	993	10.8 (1.3)	<0.0001	9.73 (1.3)	<0.0001
Either parent elevated score	1393	13.1 (0.99)	<0.0001	12.2 (0.96)	<0.0001
Both parents elevated scores	972	23.5 (2.2)	<0.0001	21.8 (2.1)	<0.0001
In male controls:					
Father elevated score	705	18.6 (1.8)	<0.0001	17.3 (1.7)	<0.0001
Mother elevated score	518	11.8 (2.1)	<0.0001	10.0 (2.0)	<0.0001
Either parent elevated score	713	14.2 (1.6)	<0.0001	12.9 (1.5)	<0.0001
Both parents elevated scores	510	28.8 (3.5)	<0.0001	25.3 (3.4)	<0.0001
In female controls:					
Father elevated score	667	14.2 (1.4)	<0.0001	13.9 (1.4)	<0.0001
Mother elevated score	475	9.7 (1.5)	<0.0001	9.2 (1.5)	<0.0001
Either parent elevated score	680	11.8 (1.2)	<0.0001	11.3 (1.2)	<0.0001

Both parents elevated scores	462	18.2 (2.4)	<0.0001	17.9 (2.5)	<0.0001
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¹Adjusted for child year of birth, child sex, maternal age, household income, reported maternal diagnosed depression and child ADHD (as in Table 2 Fully adjusted model). ²Italics indicate small (<10) case exposed n, making estimates unreliable.