

Supplementary:

Table 1. Sample characteristics by migration status based on multiple imputed data.

	Values	%M	Total (N=211)	Non-migrants (n=91)	Migrants (n=120)	Difference	
			M [SD] or n ^b (%)	M [SD] or n ^b (%)	M [SD] or n ^b (%)	ES <i>r^a</i>	<i>p</i>
<i>Age at diagnosis</i>	12 - 119 <i>m.o.</i>	0%	46.7 [22.80]	53.96 [26.86]	41.19 [17.33]	0.278	<.001
Sociodemographic characteristics							
Family residence in urban area	No/Yes	0%	148 (70.1%)	51 (56.0%)	97 (80.8%)	0.268	<0.001
<i>Distance to hospital</i>	0 – 187 <i>km</i>	0%	38.27 [37.50]	49.27 [41.67]	29.93 [31.73]	0.256	<0.001
Parental level of education above High school	No/Yes	41%	(28.3%)	(38.8%)	(20.3%)	0.204	0.017
Clinical characteristics							
Male gender	No/Yes	0%	174 (82.5%)	77 (84.6%)	97 (80.8%)	0.049	0.474
<i>Non-verbal Developmental Quotient, (D/IQ)</i>	16 - 122	13%	62.06 [19.02]	65.62[21.16]	59.36 [16.69]	0.136	0.026
D/IQ 50 or below	No/Yes	13%	(23.7%)	(22.3%)	(24.7%)	0.028	0.701
<i>Expressive Language Quotient (ELQ)</i>	13 -128	15%	48.02 [25.42]	58.24 [29.03]	40.27 [18.89]	0.350	<0.001
ELQ 50 or below	No/Yes	15%	(66.3%)	(49.0%)	(79.3%)	0.318	<0.001
<i>Receptive Language Quotient (RLQ)</i>	15 - 133	15%	49.62 [25.51]	60.46 [29.08]	41.39 [18.58]	0.370	<0.001
RLQ score 50 or below	No/Yes	15%	(63.6%)	(46.2%)	(76.8%)	0.315	<0.001
<i>ADOS-Calibrated Severity Scores -Total CSS</i>							
<i>Social Affect-CSS</i>	1 - 10	18%	6.35 [2.25]	5.85 [2.25]	6.72 [2.18]	0.191	0.011
<i>Repetitive Behaviour-CSS</i>	1 - 10	18%	5.86 [1.92]	5.84 [1.93]	5.87 [1.90]	0.009	0.907
ICD-10 ASD Code							
Autism disorder		0%	122 (57.8%)	38 (41.8%)	84 (70.0%)	0.385	<0.001

Asperger disorder	21 (10.0%)	20 (22%)	1 (0.8%)
PDD-nos	68 (32.2%)	33(36.3%)	35 (29.2%)

Referred by Pediatrician No/Yes 27% (49.7%) (35.8%) (60.2%) 0.242 <0.001

Note. %M = percentage missing values, M = mean, SD = standard deviation. Data for variables with missing values are based on multiply imputed data. ^a Effect size estimates for differences between migrants and non-migrants in a correlation metric. ^b Due to possible decimal case numbers, no n is reported for imputed categorical variables.

Table 2. Regression models including interactions for age at diagnosis.

	M1	M2	M3	M4	M5	M6	M7	M8	M9
	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)
Sociodemographic characteristics									
Family residence in urban area	-0.465 (10.361)	1.101 (3.480)	1.285 (3.440)	1.035 (3.429)	.985 (3.470)	1.196 (3.377)	1.156 (3.461)	1.191 (3.482)	1.143 (3.463)
Distance to hospital in Km	-0.020 (0.038)	-0.006 (0.113)	-0.027 (0.038)	-0.021 (0.038)	-0.023 (0.038)	-0.019 (0.038)	-0.020 (0.038)	-0.021 (0.038)	-0.025 (0.039)
Parental level of education above High school	-3.785 (4.102)	-3.774 (4.116)	11.575 (14.795)	-3.827 (4.092)	-4.086 (4.121)	-4.782 (4.209)	-3.698 (4.128)	-3.683 (4.051)	-3.122 (4.113)
Migration status	-6.993 (4.999)	-5.821 (4.583)	-3.856 (4.075)	5.856 (9.281)	2.300 (10.631)	1.559 (8.295)	-4.297 (9.185)	-19.013 (13.912)	-9.602* (4.546)
Clinical characteristics									
Male gender	1.553 (3.430)	1.538 (3.438)	1.482 (3.426)	18.058 (13.692)	1.519 (3.465)	1.940 (3.454)	1.468 (3.424)	1.210 (3.353)	1.204 (3.350)
Non-verbal Developmental Quotient	-0.209* (0.098)	-0.211* (0.099)	-0.201* (0.098)	-0.215* (0.097)	-0.003 (0.280)	-0.205* (0.099)	-0.210* (0.098)	-0.213* (0.096)	-0.213* (0.097)
Language Composite (expressive and receptive)	3.639*** (0.903)	3.645*** (0.905)	3.219*** (0.985)	3.743*** (0.907)	3.581*** (0.904)	5.868* (2.496)	3.621*** (0.911)	3.282*** (1.019)	3.707*** (0.903)
ADOS-Calibrated Severity Scores -Total CSS									
Social Affect-CSS	-0.134 (.741)	-.131 (.741)	-0.184 (0.732)	-0.172 (0.740)	-0.169 (0.738)	-0.266 (0.763)	0.347 (2.538)	-0.364 (0.788)	-0.153 (0.734)

Repetitive Behaviour-CSS	-3.568*** (0.946)	-3.571 *** (0.948)	-3.553*** (0.926)	-3.506*** (0.931)	-3.495*** (0.952)	-3.405*** (1.002)	-3.546*** (0.945)	-6.977 (3.613)	-3.572*** (0.937)
Referred by Pediatrician	-9.407** (3.375)	-9.346* (3.396)	-10.155** (3.473)	-9.059** (3.353)	-9.376** (3.353)	-9.665** (3.337)	-9.363** (3.374)	-9.499** (3.342)	-21.697 (12.124)
Interactions									
Migration status × Family Residence in Urban Area	1.132 (6.089)								
Migration status × Home Distance to hospital		-0.010 (0.063)							
Migration status × Parental Level of Education			-9.948 (8.375)						
Migration status × Male Gender				-10.234 (7.428)					
Migration status × Non-verbal Developmental Quotient					-0.139 (0.158)				
Migration status × Language Composite						-1.627 (1.604)			
Migration status × Social Affect							-0.311 (1.444)		
Migration status × Repetitive Behaviour								2.110 (2.139)	
Migration status × Referred by Pediatrician									7.733 (6.751)
R ²	0.346	0.346	0.355	0.353	0.350	0.351	0.347	0.354	0.353

Note. Results are based on multiple imputed data. *** p<.001, ** p<.01, * p<.05.

Table 3. Languages reported as the primary language in the families with migrant background grouped by geographical areas ($n = 120$).

Southeastern/Eastern Europe $n = 65$	Western/Northern Europa $n = 42$	Middle East $n = 7$	Asia $n = 4$	Others $n = 2$
Albanian				
Bosnian				
Bulgarian				
Lithuanian	English	Arabic	Chinese	
Macedonian	Italian	Farsi	Mongolian	
Rumanian	Dutch	Turkish	Bengali	Ethiopian
Serbo-Croatian	Portuguese	Kumykish	Pandschabi	
Chechen	Spanish	Persian		
Slovakian				
Hungarian				