

Table 1 Characteristics of study sample (n = 879) by diagnostic status in the CHARGE Study, California, years 2003 - 2011

Characteristic Variables	AU/ASD n (%)	TD n (%)	p-value
B2AR agonist exposure			0.01
No	486 (94.9)	332 (90.5)	
Yes	26 (5.1)	35 (9.5)	
Child's gender			0.43
Female	75 (14.7)	61 (16.6)	
Male	437 (85.4)	306 (83.4)	
Regional Center catchment area			<.0001
Alta, Far Northern, Redwood Coast	182 (35.6)	162 (44.1)	
North Bay	71 (13.9)	61 (16.6)	
East Bay, San Andreas, Golden Gate	84 (16.4)	68 (18.5)	
Valley Mountain, Central Valley, Kern	90 (17.6)	56 (15.3)	
All LA RCs*, Orange, San Diego, Tri-counties, Inland, San Gabriel/Pomona	85 (16.6)	20 (5.5)	
Maternal age			0.27
15 - 24	75 (14.7)	65 (17.7)	
25 -34	295 (57.6)	215 (58.6)	
35+	142 (27.7)	87 (23.7)	
Maternal birth place			0.03
USA	388 (75.8)	300 (81.7)	
Non-USA	124 (24.2)	67 (18.3)	
Maternal race			0.80
White	432 (84.4)	312 (85.0)	
Other	80 (15.6)	55 (15.0)	
Maternal ethnicity			0.26
Mother non-Hispanic	385 (75.2)	288 (78.5)	
Mother Hispanic	127 (24.8)	79 (21.5)	
Maternal education			0.07
≤ High school	72 (14.1)	55 (15.0)	
Some College	206 (40.2)	118 (32.2)	
College degree	154 (30.1)	136 (37.1)	
Higher degree	80 (15.6)	58 (15.8)	
Maternal smoking			0.03
No	458 (90.3)	341 (94.5)	
Yes	49 (9.7)	20 (5.5)	
Missing	11		
Maternal alcohol intake			0.45
No	366 (72.3)	268 (74.7)	
Yes	140 (27.7)	91 (25.4)	
Missing	14		
Maternal breastfeeding			0.17
No	72 (15.3)	42 (11.9)	
Yes	400 (84.8)	311 (88.1)	
Missing	54		

Characteristic Variables	AU/ASD n (%)	TD n (%)	p-value
Prenatal vitamins			0.03
No	239 (47.8)	138 (40.0)	
Yes	261 (52.2)	207 (60.0)	
Missing	34		
Parity			0.14
1	237 (46.3)	156 (42.5)	
2	190 (37.1)	131 (35.7)	
3+	85 (16.6)	80 (21.8)	
Gestational age			0.95
Very preterm or preterm (25-36 weeks)	51 (10.1)	37 (10.3)	
Term or post-term (37+ weeks)	453 (89.9)	324 (89.8)	
Missing	14		
Preterm Labor			0.78
No	469 (92.3)	336 (91.8)	
Yes	39 (7.7)	30 (8.2)	
Missing	5		
Asthma during index pregnancy			0.71
No	231 (87.2)	254 (86.1)	
Yes	34 (12.8)	41 (13.9)	
Missing	319		
Maternal history of asthma			0.19
No	338 (81.3)	216 (77.1)	
Yes	78 (18.8)	64 (22.9)	
Missing	183		
Paternal age			0.20
15-24	44 (8.8)	182 (50.1)	
25-34	246 (49.3)	44 (12.1)	
35+	209 (41.9)	137 (37.7)	
Missing	17		
Paternal race			0.80
White	432 (84.4)	312 (85.0)	
Other	80 (15.6)	55 (15.0)	
Paternal ethnicity			0.83
Non-Hispanic	400 (78.1)	289 (78.8)	
Hispanic	112 (21.9)	78 (21.3)	
Paternal education			0.47
≤ High school	116 (22.8)	90 (24.5)	
Some College	158 (31.0)	109 (29.7)	
College degree	145 (28.4)	115 (31.3)	
Higher degree	91 (17.8)	53 (14.4)	
Missing	2		
Child's age, months, mean(SD)	44.12 (9.7)	42.83 (9.5)	0.05
Breastfeeding duration, months, mean(SD)	7.73 (7.5)	9.61 (8.2)	0.00

AU/ASD autism/autism spectrum disorder; *TD* typical development

*Los Angeles Regional Centers include Lanterman, Harbor, Westside, and Eastern, South Central, and North Los Angeles