



Correction to: Exploring Social Biomarkers in High-Functioning Adults with Autism and Asperger's Versus Healthy Controls: A Cross-Sectional Analysis

Marta Del Valle Rubido¹ · Eric Hollander² · James T. McCracken³ · Frederick Shic^{4,5} · Jana Noeldeke^{1,7} · Lauren Boak⁶ · Omar Khwaja¹ · Shamil Sadikhov⁶ · Paulo Fontoura⁶ · Daniel Umbricht¹

Published online: 4 May 2020

© The Author(s) 2020

Correction to:
Journal of Autism and Developmental Disorders
<https://doi.org/10.1007/s10803-020-04493-5>

The original version of this article unfortunately contained a mistake in CI values in Table 2.

For Looking preference (ratio), the 90% CI of estimate should be with a minus sign – 0.15, – 0.03.

For Human activity preference (ratio), the 90% CI of estimate should be with a minus sign – 0.30, – 0.08.

The correct Table 2 is given below.

The original article has been corrected.

The original article can be found online at <https://doi.org/10.1007/s10803-020-04493-5>.

✉ Marta Del Valle Rubido
marta.del_valle_rubido@roche.com

¹ Roche Innovation Center Basel, Roche Pharmaceutical Research and Early Development, NRD, Basel, Switzerland

² Psychiatry and Behavioral Sciences, Albert Einstein College of Medicine and Montefiore Medicine, Bronx, NY, USA

³ Psychiatry and Behavioral Sciences, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

⁴ Center for Child Health, Behavior and Development, Seattle Children's Research Institute, Seattle, WA, USA

⁵ Department of Pediatrics, University of Washington, Seattle, WA, USA

⁶ Roche Product Development Neuroscience, Basel, Switzerland

⁷ Roche Global Product Strategy Neuroscience, Basel, Switzerland

Table 2 Eye tracking data for ASD and HC groups

Task ^a	Mean ASD (N = 38)	Mean control (N = 19)	Estimate of differ- ence ASD-HC	90% CI of estimate	P value	Cohen's f^2
<i>Activity monitoring</i>						
Activity (ratio)	0.36	0.31	0.05	– 0.01, 0.11	0.19	0.34
Background (ratio)	0.26	0.22	0.04	– 0.010, 0.08	0.20	0.13
Body (ratio)	0.13	0.11	0.03	– 0.0003, 0.05	0.11	0.16
Distractors (ratio)	0.13	0.10	0.03	– 0.006, 0.06	0.17	0.16
Head (ratio)	0.25	0.37	– 0.11	– 0.16, – 0.07	0.00019 ^b	0.65
Person (ratio)	0.38	0.47	– 0.09	– 0.14, – 0.04	0.005	0.52
<i>Biodection</i>						
<i>d</i> -prime (masked condition)	1.53	1.58	– 0.06	– 0.65, 0.54	0.88	0.21
Latency (ms)	300.37	274.34	26.02	– 20.23, 72.28	0.36	0.11
Looking preference (ratio)	0.60	0.69	– 0.09	– 0.15, – 0.03	0.02	0.35
Orienting preference (ratio)	0.49	0.50	– 0.01	– 0.05, 0.03	0.62	0.03
<i>WAVW</i>						
Background (ratio)	0.13	0.12	0.01	– 0.01, 0.04	0.39	0.20
Body (ratio)	0.10	0.08	0.02	– 0.01, 0.05	0.28	0.21
Eyes (ratio)	0.40	0.42	– 0.03	– 0.11, 0.06	0.59	0.10
Head (ratio)	0.74	0.78	– 0.03	– 0.09, 0.02	0.27	0.22
Mouth (ratio)	0.25	0.26	– 0.01	– 0.09, 0.06	0.76	0.09
<i>Gaze discrimination</i>						
Eyes (ratio)	0.38	0.37	0.01	– 0.07, 0.09	0.84	0.04
Inside face (ratio)	0.92	0.94	– 0.02	– 0.07, 0.02	0.38	0.049
Mouth (ratio)	0.06	0.06	0.008	– 0.03, 0.05	0.71	0.01
Nose (ratio)	0.33	0.38	– 0.05	– 0.12, 0.01	0.19	0.13
<i>Gender discrimination</i>						
Eyes (ratio)	0.22	0.18	0.04	– 0.02, 0.09	0.33	0.14
Inside face (ratio)	0.91	0.93	– 0.03	– 0.08, 0.03	0.39	0.05
Mouth (ratio)	0.09	0.07	0.02	– 0.02, 0.07	0.42	0.06
Nose (ratio)	0.45	0.54	– 0.09	– 0.16, – 0.01	0.06	0.20
<i>Human activity preference (Social vs Geometric)</i>						
Human activity preference (ratio)	0.60	0.79	– 0.19	– 0.30, – 0.08	0.007	0.32
<i>Total</i>						
Composite score	– 0.08	0.41	– 0.48	– 0.86, – 0.11	0.04	0.30

Estimate refers to estimated mean differences between ASD and HC derived from an analysis of Covariance model

P values less than 0.00094 are considered statistically significant after multiplicity adjustment

^aCategories in each task (e.g. Activity, Background) refers to the time spent looking at this aspect of the visual scene in relation to the overall looking time

^bMeasure that survived Bonferroni correction

ASD Autism spectrum disorder, HC healthy control, WAVW Who's afraid of Virginia Woolf

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.