Brief Report: A Preference for Biological Motion Predicts a Reduction in Symptom Severity 1 Year Later in Preschoolers with Autism Spectrum Disorders

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Abstract
Recent research has consistently demonstrated reduced orienting to social stimuli in samples of young children with autism spectrum disorders (ASD). However, social orienting greatly varies between individual children on the spectrum. Better understanding this heterogeneity in social orienting may contribute to our comprehension of the mechanisms underlying autistic symptoms thereby improving our ability to intervene. Indeed, children on the autism spectrum who show higher levels of interest in social stimuli demonstrate reduced clinical symptoms and increased adaptive functioning. However, longitudinal studies examining the influence of social orienting on subsequent outcome are critically lacking. Here, we aim to explore the relationship between social interest at the age of 3 and changes in severity of autistic symptoms over the subsequent year, in 20 children with ASD and 20 age-matched typically developing (TD) children. A visual preference for social stimuli was measured using an eye-tracking task at baseline, consisting of a previously studied visual preference paradigm presenting biological and geometric motion […]

Reference

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Corrigendum: Brief Report: A Preference for Biological Motion Predicts a Reduction in Symptom Severity 1 Year Later in Preschoolers with Autism Spectrum Disorders

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Keywords: autism spectrum disorders, early development, social orienting, eye-tracking, symptom severity, adaptive functioning

A corrigendum on


Text Correction

In the original article, there was an error on the details about the filter that we used during our analyses: [The software automatically counts a fixation point every time a participant spends at least 100 ms within a 30-pixel circle.].

A correction has been made to [Measures], [Paragraph Number 5]. Details about the filter that we used during analyses have been correctly stated:

[A I-VT filter was enabled during analysis. (Classifier: 30°/s; Velocity calculator window length: 20 ms). The merge fixations option was further enabled (Max. time between fixations: 75 ms; Max angle between fixations: 0.5°).]

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way.

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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