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Corrigendum: Bias in measurement of autism symptoms by spoken language level and non-verbal mental age in minimally verbal children with neurodevelopmental disorders

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A corrigendum on

Bias in measurement of autism symptoms by spoken language level and non-verbal mental age in minimally verbal children with neurodevelopmental disorders

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In the published article, there was an error in [Figure 2](#) as published. The box connected to D2 incorrectly stated “Nonverbal Mental Age” and the box connected to D4 incorrectly stated “Language Levels.” The corrected [Figure 2](#) and its caption “Measurement Model for Restricted, Repetitive Behaviors/Interests” appear below.

In the published article, there was an error in the **Funding** statement. Funding from the Intramural Research Program of the NIMH was erroneously omitted. The correct **Funding** statement appears below.

In the published article there was also an error in Results, Paragraph 3. The item “Unusual Sensory Interests” should be “Unusually Repetitive Interests or Stereotyped Behaviors”. The corrected paragraph is below.

“For each latent construct, ensuing MNLFAs were conducted separately. For the latent construct of SCI, we observed a significant effect of spoken language level on the measured SCI scores (Estimate = -0.45 , SE = 0.034 , $p < 0.001$), with individuals with Few to No words showing higher levels of SCI symptoms. Multiple items showed loading and intercept DIF across language levels on the latent construct of SCI, including Unusual Eye Contact, Integration of Gaze and Other Behaviors during Social Overtures, Requesting, and Showing. Only one item, Frequency of Vocalization, showed significant loading and intercept DIF across the NVMA groups on the SCI (see Table 5 upper panel for parameter estimates and Figure 1 for the final SCI measurement model). For the latent construct of RRB, the mean level of measured RRB differed across language levels (Estimate = -0.249 , SE = 0.046 , $p < 0.001$). There were also loading DIFs of Item “Hand/finger and Other Complex Mannerisms” across spoken language levels and “Unusually Repetitive Interests or Stereotyped Behaviors” across NVMA groups (see Table 5 bottom panel for parameter estimates and Figure 2 for the final RRB measurement models

of the two latent constructs). That is, these items show different levels of associations with the latent constructs of SCI and RRB, as well as varying item difficulties. In sum, metric invariance did not hold for several items on both SCI and RRB latent constructs, with subsets of items functioning differently across groups.”

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

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