

Reply to the Reviewer/Editor.

Dear Respected Editor/Reviewer

Good day

Thank you very much for the comprehensive review and for your precious time that you spent in reviewing this study. We did the advised changes and answered the queries. All the changes were marked by red colour for easily tracking by the reviewer. The manuscript looks much better with these changes, and we tried to improve the language as we can. Thank you gain for your precious assistance.

Here we are replying point by point:

The reviewer 1 Comments:

Reviewer: *It would be inspiring if Artificial intelligence (AI) could help diagnose and manage autism. It is challenging to “understand” the autistic child’s behaviours. Therefore, the diagnosis of autism is subjective and personalized. Those are the challenges for AI in treating digestive diseases, especially in children with autism.*

Our reply: We do agree with the reviewer comment. The diagnosis is a real challenge for both the physicians and the families. This is the reason why there are different questionnaires that developed to help diagnosis. However, we do believe that artificial intelligence could offer significant help specially with the new technologies such as eye tracking system and many other technologies. However, we need a lot of effort to implement the AI in diagnosis of autism including facial features recognition project which may offer a great help but needs a lot of work.

Reviewer: *The author described the benefits of AI in the treatments of autism and gastrointestinal disorders, respectively. It would be very nice if the authors focused on the benefits of AI technology on the specific link between autism and gastrointestinal disorders.*

Our reply:

We elaborated this link between GIT and autism using AI in the section under the title:

ROLE OF ARTIFICIAL INTELLIGENCE (AI) IN MANAGING GI DISORDERS IN CHILDREN WITH AUTISM:

We also added a section about using Machine learning to develop a model that could help to diagnose children with autism using their gut microbiota. The changes were highlighted in red.

The reviewer 2 Comments:

We removed colons from the introduction as well as from other similar contexts.

"IA" (instead of AI; page 11), correction was done and highlighted in red.

"reboots" (instead of robots, probably; page 12), correction was done and highlighted in red.

"GERS-related symptoms" (GER- or GERD-related, probably; page 13). correction was done and highlighted in red.

LANGUAGE POLISHING:

language polishing was done by native English-speaker

ABBREVIATIONS

The basic rules on abbreviations were strictly followed

EDITORIAL OFFICE'S COMMENTS:

All the editorial instructions were followed in finalizing this manuscript.

We do thank you editors and reviewers for your support during publication of this manuscript.

Many thanks

Professor Mohammed Al-Biltagi