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## Revision requested for EVOLHUMBEHAV\_2017\_26

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בשעה 1:55

(Daniel Hruschka (Evolution and Human Behavior

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אל: <zultan@bgu.ac.il> Roi Zultan

Ref: EVOLHUMBEHAV\_2017\_26

Title: Humans reciprocate intentional harm by discriminating against group peers

Journal: Evolution and Human Behavior

Dear Dr. Zultan,

Thank you for submitting your manuscript to Evolution and Human Behavior. I have reviewed your manuscript. Although I feel the manuscript has some potential, there are a number concerns that should be addressed before I can consider sending it out for review. I invite you to resubmit your manuscript after addressing the comments below.

When resubmitting your manuscript, please carefully consider all issues mentioned, outline every change made point by point, and provide suitable rebuttals for any comments not addressed.

Please note that this invitation to submit a revision does not guarantee that the revision will be sent out for review or that it will ultimately be accepted if it is sent out for review.

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- Locate your manuscript under the header 'My Submissions that need Revisions' on your 'My Author Tasks' view
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### What happens next?

After you approve your submission preview you will receive a notification that the submission is complete. To track the status of your paper throughout the editorial process, log in to Evise® at: [http://www.evise.com/evise/faces/pages/navigation/NavController.jsp?JRNL\\_ACR=EVOLHUMBEHAV](http://www.evise.com/evise/faces/pages/navigation/NavController.jsp?JRNL_ACR=EVOLHUMBEHAV).

I look forward to receiving your revised manuscript as soon as possible.

Kind regards,

Dr Hruschka  
Editor  
Evolution and Human Behavior

### **Comments from the editors:**

Why would group-based upstream reciprocity be important for the evolution of human behavior? How does this contribute to current debates in the literature about the evolution of human behavior?

Please explain clearly in the methods (before getting to the results) what the the key outcomes are and how they are calculated (and why they are important). The "discrimination" measure especially needs some more justification/explanation.

In the results, it is difficult to understand why you are analyzing "discrimination". It should be presented in its own paragraph, with a clearer interpretation of what the results mean.

Avoid interpreting amount sent and received in terms of intentions ("kindness"). This is confusing and potentially inaccurate. A sender might send a lot because they "trust" the responder to send a bunch back. A responder might send a lot back because of "gratitude." It's not at all clear that the behaviors reflect "kindness."

The findings should be qualified with a discussion of potential cross-cultural variation in how perceived intentions affect moral judgment (see Barrett et al. 2016). Do you expect the difference in group reciprocity between senders and responders to hold across all human groups?

You should very clearly state your theoretical expectations for the analyses in the introduction (including the analysis of social value orientation). And if you are going to present the SVO results, then you should devote more time to why you expected SVO would matter, and also how SVO is related to the different behaviors and outcome sin the game.

As a point of comparison, it would be helpful to include the same figures as in Figure 2, but for allocations in the direct reciprocity situation.

Barrett, H. C., Bolyanatz, A., Crittenden, A. N., Fessler, D. M., Fitzpatrick, S., Gurven, M., ... & Scelza, B. A. (2016). Small-scale societies exhibit fundamental variation in the role of intentions in moral judgment. *Proceedings of the National Academy of Sciences*, 113(17), 4688-4693.

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