

June 29, 2021

Dear Professor Tampi,

Attached please find our revised manuscript titled "Validity and Reliability of the Dutch Version of the Displaced Aggression Questionnaire", submitted to *World Journal of Psychiatry*. We revised the manuscript and listed our responses in itemized fashion. We hope that you find the revised version suitable for publication in *World Journal of Psychiatry*.

Sincerely,

Danique Smeijers

### **Comments:**

*1) The “Author Contributions” section is missing. Please provide the author contributions.*  
We added the author contributions section on page 19:

#### **“Author Contributions**

D. Smeijers and I.A. Brazil translated the original DAQ to Dutch. The back-translation was evaluated by T.F. Denson. D. Smeijers wrote the first draft of the manuscript. I.A. Brazil and T.F. Denson contributed significantly to the next versions of the manuscript. B.H. Bulten reviewed the manuscript. All authors approved its publication.”

*2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s).*  
The grant we refer to in the acknowledgements is a personal grant of one of the authors. Substantively, this project was not part of this grant. No funding was received for the design or execution of this project. We state this now more clearly on page 19:

“I.A. Brazil was supported by a NWO VENI grant (451-15-014). This is a personal grant of which the current study was not part of. NWO had no role in the study design, interpretation of the results, writing the manuscript, or the decision to submit the paper for publication.”

*3) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor.*

We added the original figure documents in PowerPoint to the submission.

*4) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout.*

We included the PMID and DOI numbers for all references for which is was available.

*5) The “Article Highlights” section is missing. Please add the “Article Highlights” section at the end of the main text.*

We added the article highlights section on page 19, 20 and 21:

#### **“Article Highlights**

##### **Research background**

Displaced aggression occurs when a person encounters a provoking situation, is unable or unwilling to retaliate against the original provocateur, and subsequently aggresses against a target that is not the source of the initial provocation. Trait displaced aggression consists of three dimensions: angry rumination, revenge planning, and behavioral displaced aggression. The Displaced Aggression Questionnaire (DAQ) was developed to measure individual differences in the tendency to displace aggression. Previous studies, however, did not explore any associations with other clinically relevant characteristics.

##### **Research motivation**

Elucidating the association between trait displaced aggression, social anxiety, and cognitive distortions will further increase our understanding of the mechanism of trait displaced aggression.

#### Research objectives

The current study developed a Dutch version of the DAQ and examined relationships between the DAQ and novel individual differences.

#### Research methods

A sample of undergraduate students (N=413) participated in the current study. The DAQ was translated using a back-translation procedure. Subsequently, the Dutch DAQ, Aggression Questionnaire, How I Think questionnaire, State-Trait Anger Scale, Novaco Anger Scale-Provocation Inventory, Barratt Impulsivity Scale, Ten-Item Personality Inventory, and the Liebowitz Social Anxiety Scale were administered in an online survey.

#### Research results

The results confirmed the original three-factor structure and showed good reliability and validity. We also found differential relationships between trait displaced aggression, social anxiety and cognitive distortions.

#### Research conclusions

The results encourage the use of the Dutch version of the DAQ to measure individual differences in trait displaced aggression. The results might indicate that distinct patterns exist in the development of the different dimensions of trait displaced aggression. This study adds to the growing cross-cultural literature showing the robustness of trait displaced aggression in several different cultures.

#### Research perspectives

Once the current findings are confirmed in aggressive samples, an important next step would be to investigate whether currently used general aggression interventions also reduce anger rumination, revenge planning, and behavioral displaced aggression.”