

No Need for Words

Development of the Food Disgust Picture Scale (FDPS), an Eight-Picture Tool to Measure Food Disgust

Jeanine Ammann^a, Christina Hartmann^a, Michael Siegrist^a

^aInstitute for Environmental Decisions, ETH Zurich

1. Introduction

The recently published Food Disgust Scale (FDS¹) is the only tool that measures food-specific disgust so far. This study aimed to develop a picture tool that makes use of pictures to induce disgust.

Aim

Develop a short and reliable picture tool to measure food disgust sensitivity independent of language, allowing and facilitating cross-cultural research.

2. Model Development

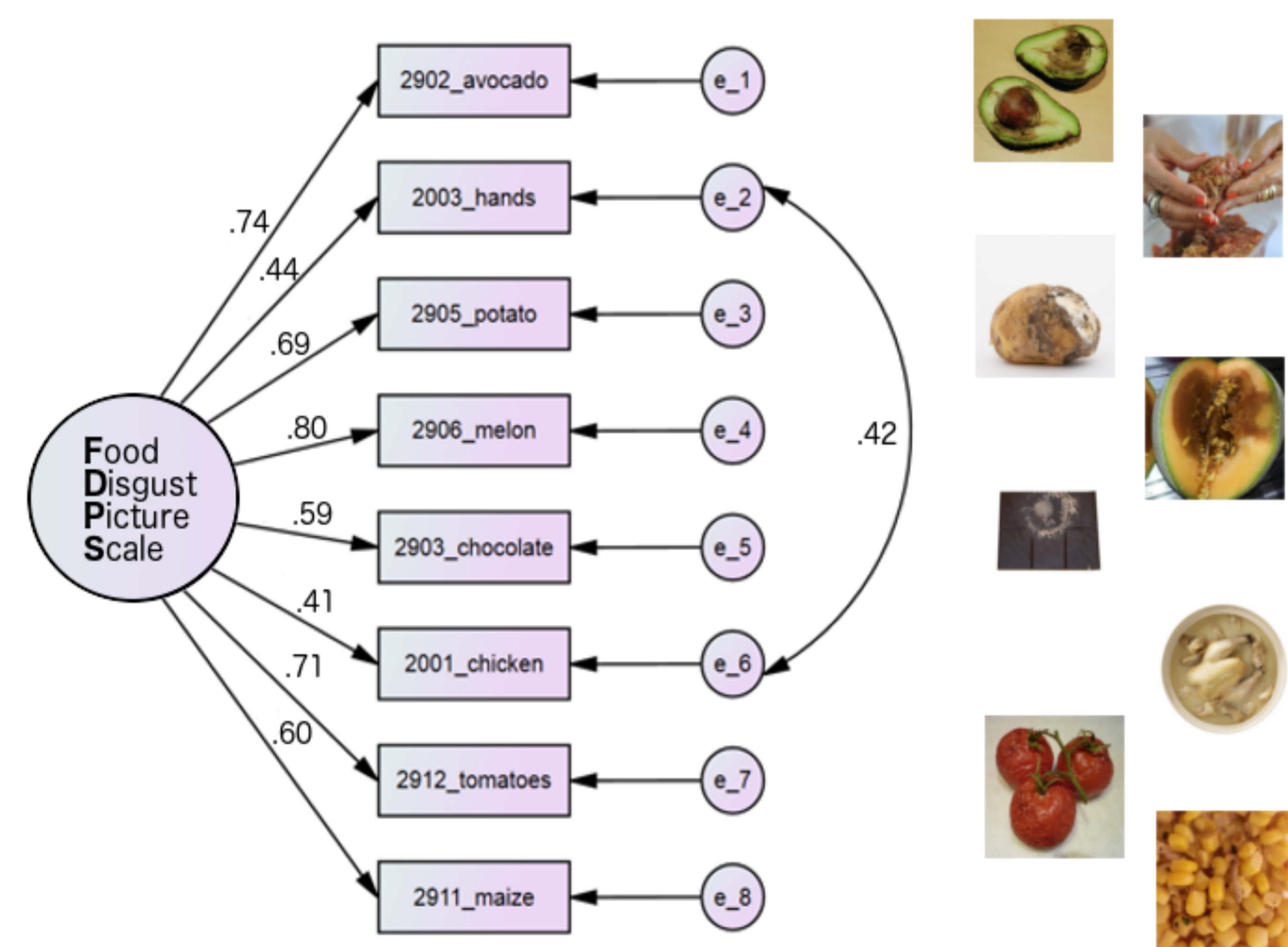


Figure 1: Final model for the Food Disgust Picture Scale (FDPS). $\chi^2(19) = 46.83, p < .001, CFI = .98, RMSEA = .05, NFI = .97$

3. Scale

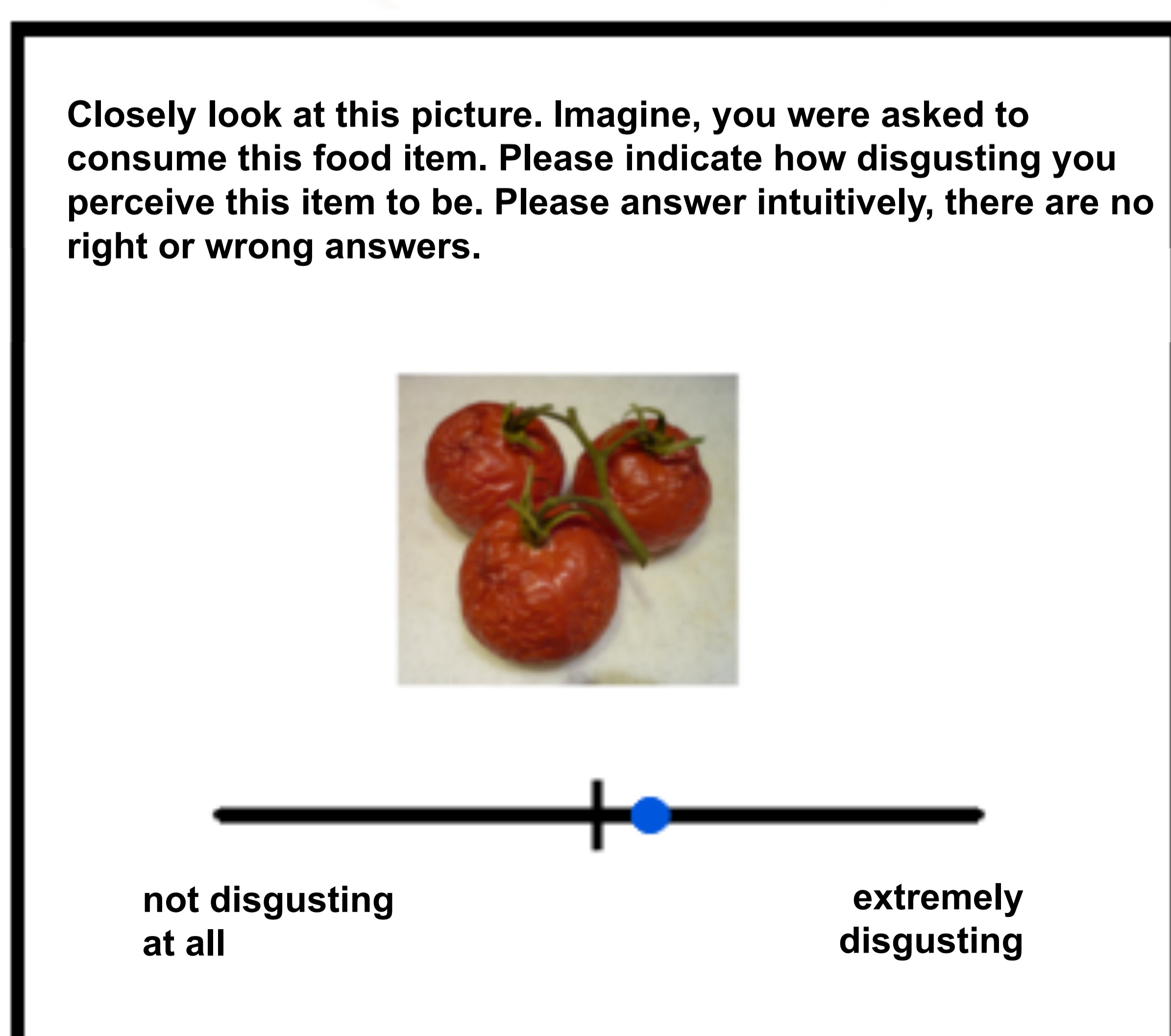


Figure 2: Excerpt of the FDPS as presented to participants.

Highlights

- Pictures of the FDPS are free to use, modify, and distribute.
- FDPS pictures work independent of language, no translation required.
- Pictures of the FDPS cover a wide range of food disgust elicitors.

4. Test-Retest Stability

In total, 227 participants completed the Food Disgust Picture Scale (FDPS) in a two-week test-retest design.

Main Finding

People provided similar answers at both points in time which indicates that food disgust sensitivity as measured by the FDPS is stable over a time of two weeks.

5. Conclusion and Outlook

In the present study, we were able to:

- confirm that the FDPS is a valid and reliable measure for food disgust sensitivity.
- establish a novel approach in food-specific disgust research

Conclusion

The FDPS is a short and powerful tool in the prediction of food disgust sensitivity.

Outlook

Testing the scale's suitability across various religious and cultural backgrounds.

6. Reference

¹ Hartmann, Ch., & Siegrist, M. (2018). Development and validation of the Food Disgust Scale. *Food Quality and Preference*, 63, 38-50.

7. Funding

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8. Contact

Jeanine Ammann, Institute for Environmental Decisions, CHN J78, Universitaetstrasse 22, CH-8092 Zurich

E-mail: jeanine.ammann@hest.ethz.ch