

Supplementary Information 1: Data consistency and quality checks

To identify careless responses to the Likert-type items in our questionnaire, we rely on the R package *careless* [1]. First, we checked for responses of a type referred to as *straightlining*, i.e., the repeated selection of the same value on the scale. To do so, we calculate the longstring index or the highest number of consecutive identical responses per observation. It is not straightforward to assign a maximum (cutoff) value for this index, as this varies depending on the number and types of items in the questionnaire [2]. Given that we have 30 Likert-type items, a maximum value for identical responses of 6-8 is indicated. This is substantiated by the *scree-like* plot proposed by Johnson [3], which is depicted in Fig A1.1 and shows a marked “elbow” in this range. We thus use a maximum value of 7, resulting in the exclusion of three observations.

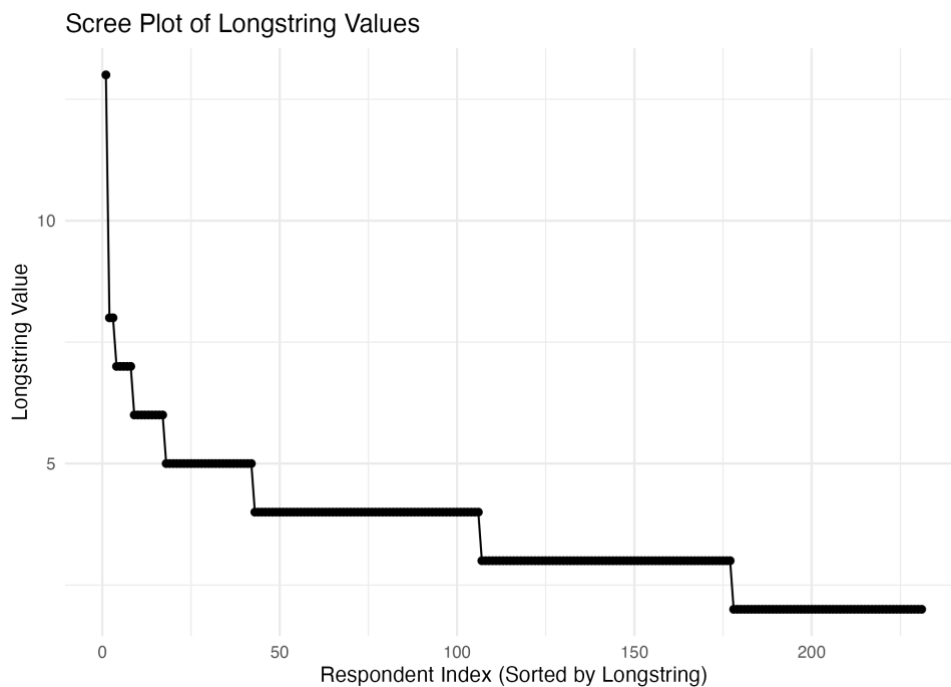


Figure A1.1: Scree plot of Longstring values

For a second quality check, we relied on the intra-individual response variability (IRV), which measures the standard deviation of responses across items for each participant [4]. A common cutoff value for IRV is 0.5, which resulted in the exclusion of one other item. After these quality checks, a sample of $n=227$ observations was retained.

References

1. Yentes, R.D. and F. Wilhelm, *careless: Procedures for computing indices of careless responding*, 2021. R package version 1.2.1. <https://cran.r-project.org/web/packages/careless/index.html>
2. Niessen, A.S.M., R.R. Meijer, and J.N. Tendeiro, *Detecting careless respondents in web-based questionnaires: Which method to use?* *Journal of Research in Personality*, 2016. **63**: p. 1-11. doi: <https://doi.org/10.1016/j.jrp.2016.04.010>
3. Johnson, J.A., *Ascertaining the validity of individual protocols from web-based personality inventories*. *Journal of research in personality*, 2005. **39**(1): p. 103-129.
4. Dunn, A.M., et al., *Intra-individual response variability as an indicator of insufficient effort responding: Comparison to other indicators and relationships with individual differences*. *Journal of Business and Psychology*, 2018. **33**: p. 105-121.